

CONTRACT PLANS COMPONENTS
SIGNING AND PAVEMENT MARKING PLANS

INDEX OF SIGNING AND
PAVEMENT MARKING PLANS
SHEET NO. SHEET DESCRIPTION

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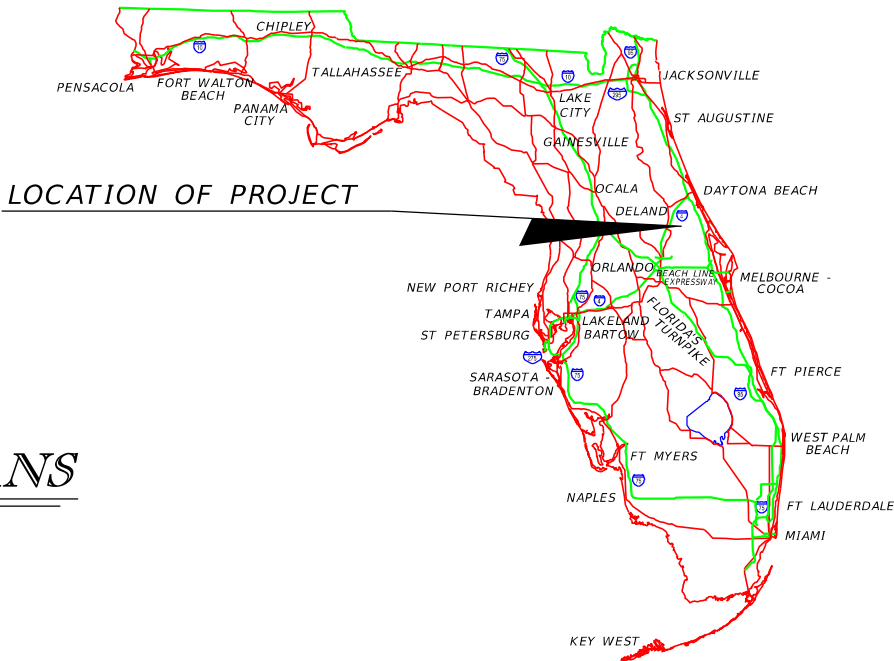
STATE OF FLORIDA
COUNTY OF VOLUSIA

CONTRACT PLANS

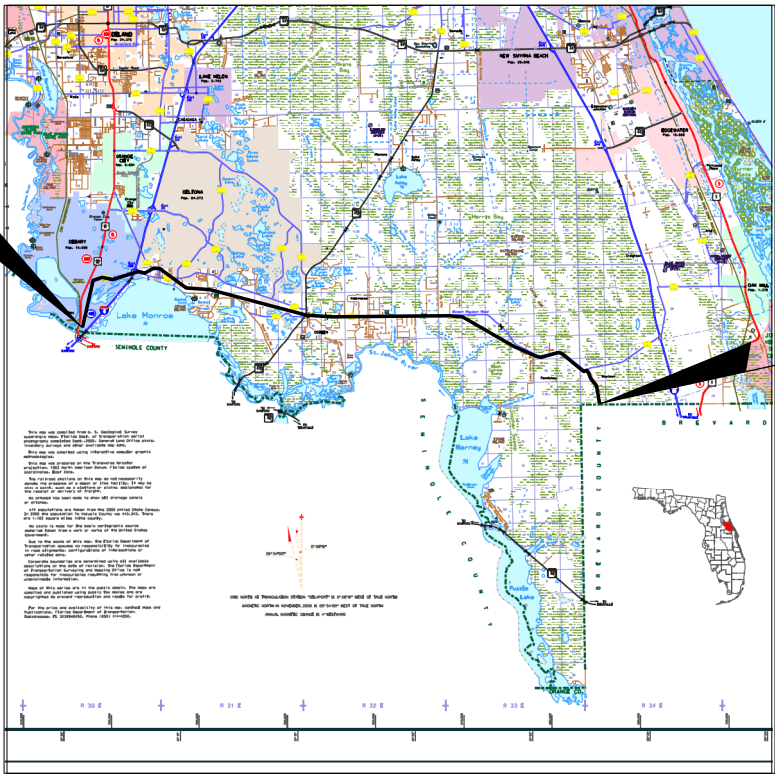
FINANCIAL PROJECT ID 442551-1-58-01
(FEDERAL FUNDS)
VOLUSIA COUNTY (79000)
FLORIDA COAST TO COAST TRAIL

SIGNING AND PAVEMENT MARKING PLANS

FAN NO. D519-009-B



BEGIN PROJECT
LAKE MONROE
PARK, DEBARY,
VOLUSIA COUNTY



END PROJECT
VOLUSIA/BREVARD
COUNTY LINE

100% SUBMITTAL
1/9/2019

SIGNING AND PAVEMENT
MARKING PLANS
ENGINEER OF RECORD:
RICHARD B. MORROW, P.E.
P.E. NO.: 54697
TRAFFIC ENGINEERING DATA SOLUTIONS, INC.
80 SPRING VISTA DRIVE
DEBARY, FL 32713
CONTRACT NO.: PC2402
VENDOR NO.: F2083764202
CERTIFICATE OF AUTHORIZATION NO.: 27392

VOLUSIA COUNTY PROJECT
MANAGER:
TRAVIS TERPSTRA, P.E.

FDOT PROJECT MANAGER:
RYAN FRAZIER, P.E.

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2018-2019 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2018 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	19	S-1

TABULATION OF QUANTITIES																							
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL		
			S-5		S-6		S-7																
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS			46															46		46	
700 1 12	SINGLE POST SIGN, F&I GM, 12-20 SF	AS	2																	2		2	
700 1 13	SINGLE POST SIGN, F&I GM, 21-30 SF	AS	14																	14		14	
700 2 13	MULTI - POST SIGN, F&I GM, 21-30 SF	AS					9													9		9	
					</																		

GENERAL NOTES

1. NO LANE CLOSURES ALLOWED ON ANY STREET OPEN TO MOTORIZED TRAFFIC.
2. TRAIL CLOSURES ARE LIMITED TO A SINGLE SIDE.

COMPANY		CONTACT	TELEPHONE NUMBERS
3. UTILITY/AGENCY OWNERS:			
CHARTER COMMUNICATIONS		KEVIN GALBREATH	(813) 684 - 6100
A T & T		NANCY SPENCE	(770) 918 - 5424
DELTONA WATER		PHYLLIS WALLACE	(386) 878 - 8965
FLORIDA GAS TRANSMISSION COMPANY		JOSEPH E. SANCHEZ	(407) 838 - 7171
DUKE ENERGY		STEHANIE OLMO	(407) 905 - 3376
FLORIDA LIGHT AND POWER		JOEL BRAY	(386) 586 - 6403
FLORIDA PUBLIC UTILITIES COMPANY		DAVID JOHNSON	(386) 668 - 9364 EXT 4164
LEVEL 3 COMMUNICATIONS LLC		NETWORK RELATIONS	(877) 366 - 8344 EXT 2
COMCAST		WADE MATHEWS	(352) 516 - 3824
DUKE		SHARON DEAR	(407) 850 - 2762
AT & T DISTRIBUTION		DINO FARRUGGIO	(561) 997 - 0240
UNITI FIBER LLC		DJ MCAULEY	(251) 259 - 0807
SSOCO4		MICHAEL NOREEN	(386) 575 - 2009 EXT 7703
VOLUSIA COUNTY WATER & UTILITY SERVICE		EARL FARMER	(386) 804 - 7788
CITY OF DELTONA ITS DEPARTMENT		TERRI CONNELLY	(386) 878 - 8806
FIBERDIG TEAM		CROWN CASTLE NG	(888) 632 - 0931
FARMTON WATER RESOURCES, LLC.		MICHAEL A. BROWN	(407) 322 - 5693

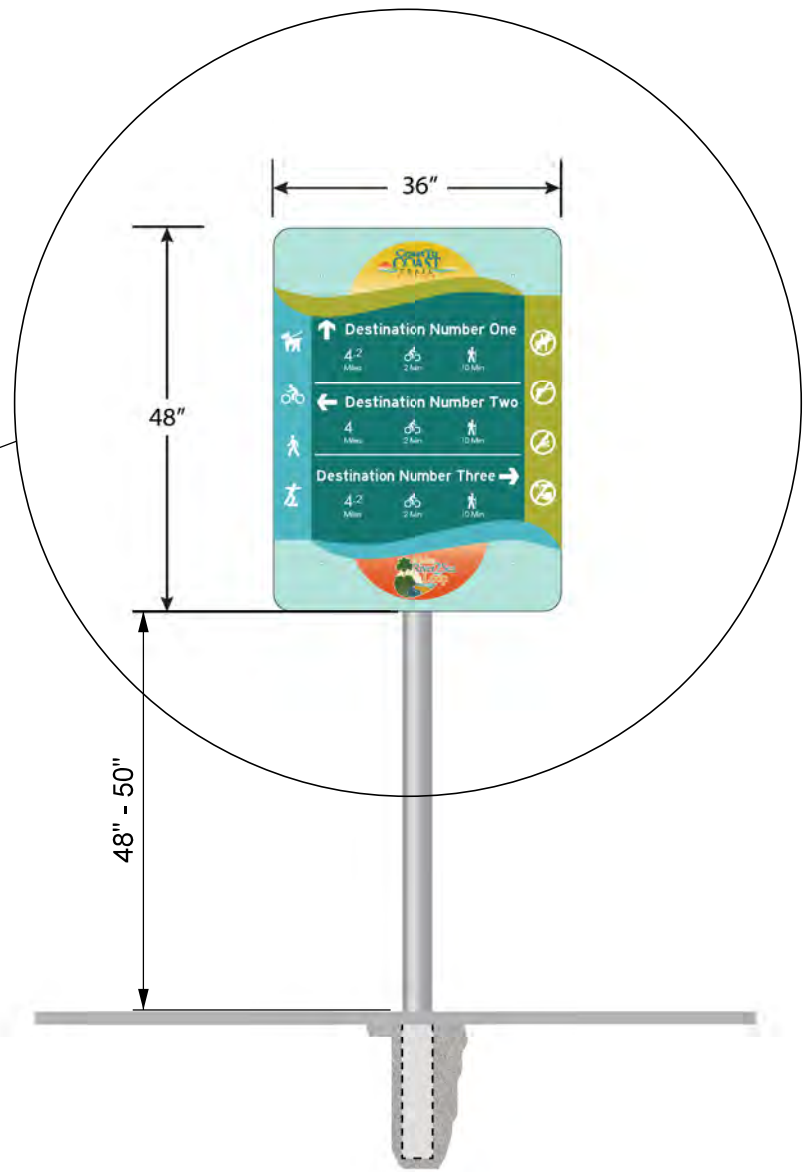
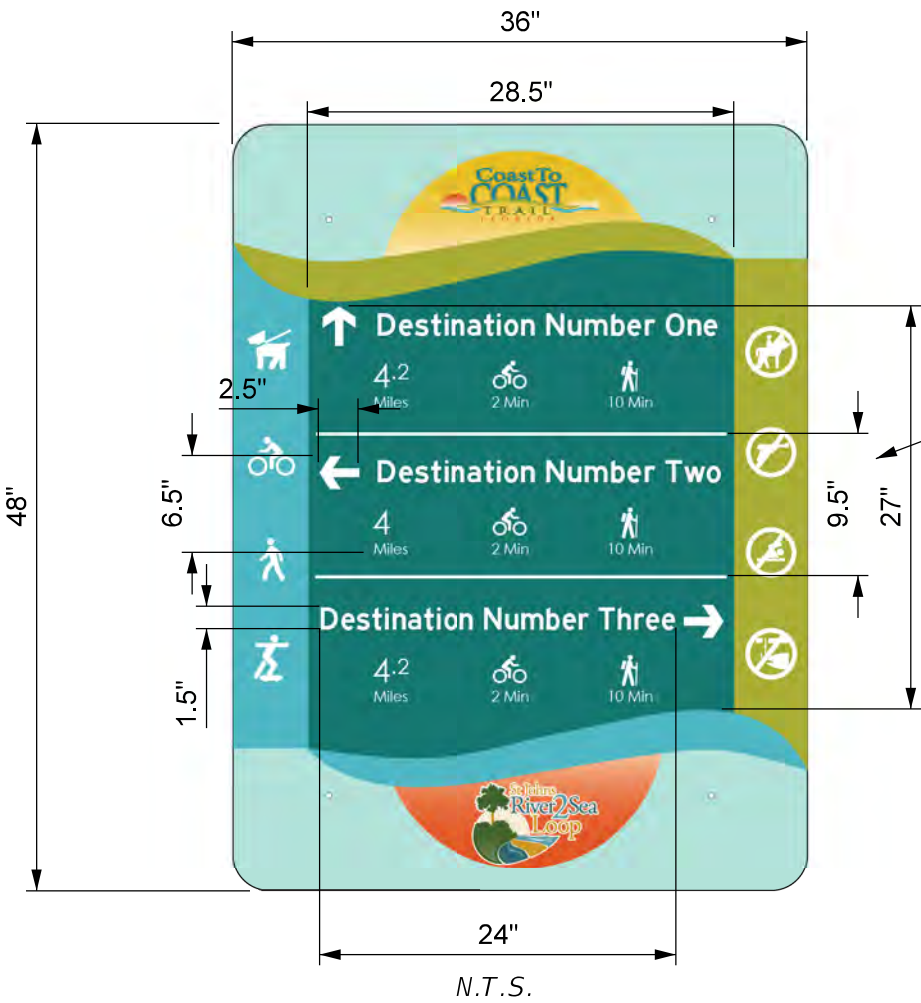
4. SIGNS SHALL BE DIGITALLY PRINTED VINYL IMAGES. THE VINYL SHALL BE PRESSURE ACTIVATED, REMOVABLE WITH HEAT, AND HAVE AN EXPECTED PERFORMANCE LIFE OF AT LEAST 5 YEARS. THE VINYL SHALL BE COVERED WITH A GLOSS OVERLAMINATE, EXTENDING THE EXPECTED PERFORMANCE LIFE TO AT LEAST 9 YEARS. BOTH THE VINYL AND OVERLAMINATE SHALL BE MATERIALS RECOMMENDED BY THE MANUFACTURER FOR OUTDOOR SIGNS AND SHALL BE MUTUALLY COMPATIBLE.
5. BOLTS SHALL BE INSTALLED SO THAT THEY DO NOT DISTORT OR BLOCK THE TEXT OR SYMBOLS ON THE SIGN FACE. BOLTS ON DESTINATION SIGNS SHALL BE COVERED TO MATCH SIGN DISPLAY.
6. ALL SIGN POSTS (ROUND AND SQUARE) AND CAPS SHALL BE TREATED WITH A HEATED, HIGH-PRESSURE PRE-WASH CHEMICAL SYSTEM PRIOR TO APPLICATION OF POWDER COATING. THE FINISH SHALL BE A POLYESTER URETHANE, BONDED METALLIC, DURABLE POWDER COATING THAT MEETS AAMA 2604 SPECIFICATIONS.
7. AREA MAP AND DESTINATION SIGN POSTS SHALL BE SILVER WITH A CMYK COLOR OF APPROXIMATELY 5, 6, 0, 40. THE MILE MARKER POSTS SHALL BE DARK GREEN WITH A CMYK COLOR OF APPROXIMATELY 98, 0, 72, 61. BOTH COLORS MAY VARY SLIGHTLY TO PROVIDE A SIMILAR COLOR IN AVAILABLE POWDER COATING MATERIALS. ALL SILVER POSTS MUST USE THE SAME COLOR PRODUCT AND ALL DARK GREEN POSTS MUST USE THE SAME COLOR PRODUCT SO THAT THE SILVER AND DARK GREEN ARE CONSISTENT THROUGHOUT THE PROJECT.

REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						VOLUSIA	442551-1-58-01		S-3

DESTINATIONS SIGNS

NOTES:

- 1. DESTINATION SIGNS ARE TO BE FABRICATED USING ARTWORK PROVIDED BY VOLUSIA COUNTY. SPECIFIC DESTINATIONS ALONG WITH THE THREE DESCRIPTORS BELOW THE DESTINATIONS ARE TO BE PLACED ACCORDING TO THE DESTINATION SIGN TABLE ON SHEET S-5. THE CONTRACTOR IS REQUIRED TO PRODUCE THE INDIVIDUAL LAYOUTS USING THE BASIC LAYOUT PROVIDED.
- 2. CONTACT FOR BASIC LAYOUT OF ARTWORK: (VOLUSIA COUNTY TIM BAYLIE 386-804-3565).
- 3. ALUMINUM POST SHALL BE 4" DIAMETER, POWDER-COATED SILVER AND INSTALLED PER STANDARD PLANS 700-010 FOR 4" POSTS. SIGNS D4, D7, D10, AND D13 REQUIRE FRANGIBLE SLIP BASES. EXPOSE CONCRETE TO FORM A FINISHED BUFFER BETWEEN POST AND GRASS.
- 4. UNLESS NOTED OTHERWISE SHOWN IN THE PLAN VIEW, WAYFINDING SIGN POSTS SHALL BE INSTALLED 5' FROM EDGE OF PATH.



REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			WAYFINDING SIGN DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-4
						VOLUSIA	442551-1-58-01		

Coast to Coast Trail Destination Signs											
Sheet	Sign ID	Location	Destination 1			Destination 2			Destination 3		
S-8	D1 - NB	Lake Monroe Park	< Lake Monroe Park			^ Seminole County Trails			^ Sanford		
	RR		PG	W	0.6 Mi	2-4 Min	11 Min	4.5 Mi	18-27 Min	82 Min	
S-9	D1 - SB	Intersection with SunRail Path	Lake Monroe Park >			^ Gemini Springs Park			^ Trail Welcome Center		
	RR		PG	W	2.4 Mi	9-14 Min	44 Min	4.2 Mi	17-25 Min	76 Min	
S-10	D2 - NB		< SunRail DeBary Station			^ Gemini Springs Park			^ Trail Welcome Center		
	0.4 Mi		3-5 Min	8 Min	0.9 Mi	4-6 Min	16 Min	2.6 Mi	11-16 Min	47 Min	
S-11	D2 - SB	Gemini Trailhead	SunRail DeBary Station >			^ Lake Monroe Park			^ Seminole County Trails		
	0.4 Mi		3-5 Min	8 Min	1.5 Mi	6-9 Min	27 Min	2.1 Mi	8-13 Min	38 Min	
S-12	D3 - SB	Dirksen Road at Mansion Blvd	^ Lake Monroe Park			< Trail Welcome Center			Blue Spring Park >		
S-13	D4 - EB		< DeBary Hall			< Trail Welcome Center			^ Green Springs Park		
	0.5 Mi		2-3 Min	9 Min	0.5 Mi	2-3 Min	9 Min	3.1 Mi	12-18 Min	56 Min	
S-14	D4 - WB	Trail Welcome Center & DeBary Hall	DeBary Hall >			Trail Welcome Center >			^ Gemini Springs Park		
	0.5 Mi		2-3 Min	9 Min	0.5 Mi	2-3 Min	9 Min	1.1 Mi	4-7 Min	20 Min	
S-15	D5 - NB	I-4 Park & Ride	^ Trail Welcome Center			^ DeBary Hall			(leave blank)		
	400 Ft		RR	W	400 Ft	1 Min	2 Min				
S-16	D5 - SB	Providence Blvd.	^ Coast to Coast Trail			^ Gemini Springs Park			^ Green Springs Park		
	0.5 Mi		2-3 Min	9 Min	1.6	6-10 Min	29 Min	3.6 Mi	14-21 Min	65 Min	
S-17	D6 - SB	Trail Entrance to Green Springs Park	Trail Welcome Center >			Gemini Springs Park >			< Green Springs Park		
S-18	D7 - EB		1.1 Mi 4-7 Min 20 Min			1.8 Mi 7-11 Min 33 Min			2.4 Mi 9-15 Min 44 Min		
S-19	D7 - WB	Audubon Park Gate	Thornby Park >			^ Green Springs Park			^ Osteen Civic Center		
	600 Ft		RR	W	0.4 Mi	2-3 Min	7 Min	6.0 Mi	24-36 Min	109 Min	
S-20	D8 - EB	SR 415 under bridge	< Thornby Park			^ Trail Welcome Center			^ Gemini Springs Park		
	600 Ft		RR	W	3.1 Mi	12-19 Min	56 Min	3.8 Mi	15-23 Min	69 Min	
S-21	D8 - WB	East end of bridge over SR 415	Green Springs Park >			^ Audubon Park			^ Osteen Civic Center		
	RR		PG	W	2.7 Mi	11-16 Min	49 Min	5.6 Mi	22-34 Min	102 Min	
S-22	D9 - EB	Guisse Road	< Green Springs Park			^ Trail Welcome Center			^ Gemini Springs Park		
	RR		PG	W	3.6 Mi	14-21 Min	65 Min	4.2 Mi	17-25 Min	76 Min	
S-23	D9 - WB	Beck Ranch Park	< Audubon Park			^ Osteen Civic Center			^ Gobbler's Lodge Trailhead		
	Pic		Bin	Hike	2.8 Mi	11-17 Min	51 Min	8.9 Mi	36-53 Min	162 Min	
S-24	D10 - NB	SR 415 under bridge	Audubon Park >			^ Green Springs Park			^ Trail Welcome Center		
	Pic		Bin	Hike	2.7 Mi	11-16 Min	49 Min	6.3 Mi	25-38 Min	115 Min	
S-25	D10 - SB	East end of bridge over SR 415	Beck Ranch Park >			^ Coast to Coast Trail			^ Osteen Civic Center		
	RR		PG	W	2.3 Mi	9-14 Min	42 Min	2.3 Mi	9-14 Min	42 Min	
S-26	D11 - NB	Guisse Road	< Beck Ranch Park			^ Seminole County Trails			^ Sanford Marina		
	RR		PG	W	2.5 Mi	10-15 Min	45 Min	7.0 Mi	28-42 Min	127 Min	
S-27	D11 - SB	Gobbler's Lodge Trailhead	Osteen Civic Center >			Coast to Coast Trail >			Hickory Bluff Preserve >		
	RR		Pic	W	675 Ft	1 Min	2 Min	3.6 Mi	15-22 Min	66 Min	
S-28	D12 - EB		^ Beck Ranch Park			^ Seminole County Trails			^ Sanford Marina		
	2.2 Mi		9-13 Min	40 Min	4.7 Mi	19-28 Min	85 Min	9.2 Mi	37-55 Min	167 Min	
S-29	D12 - WB	Maytown Spur Trail Intersection	< Osteen Civic Center			< Beck Ranch Park			^ Gobbler's Lodge Trailhead		
	RR		Pic	W	2.3 Mi	9-14 Min	42 Min	6.2 Mi	25-37 Min	113 Min	
S-30	D13 - EB	Maytown Spur Trailhead	Osteen Civic Center >			Beck Ranch Park >			^ Green Springs Park		
	RR		Pic	W	2.3 Mi	9-14 Min	42 Min	5.5 Mi	22-33 Min	100 Min	
S-31	D13 - WB	Hickory Bluff Preserve	Hickory Bluff Preserve >			^ Gobbler's Lodge Trailhead			^ Maytown Spur Trailhead		
	0.9 Mi		4-6 Min	16 Min	3.5 Mi	14-21 Min	64 Min	10.4 Mi	42-62 Min	189 Min	
S-32	D14 - EB	Gobbler's Lodge Trailhead	< Hickory Bluff Preserve			^ Osteen Civic Center			^ Trail Welcome Center		
	0.9 Mi		4-6 Min	16 Min	2.7 Mi	11-16 Min	49 Min	11.7 Mi	47-70 Min	213 Min	
S-33	D14 - WB		^ Maytown Spur Trailhead			^ Brevard County Trails			^ Cow Creek Trailhead		
	6.9 Mi		28-41 Min	125 Min	8.4 Mi	34-50 Min	153 Min	18.3 Mi	73-110 Min	333 Min	
S-34	D15 - NB	Maytown Spur Trail Intersection	^ Hickory Bluff Preserve			^ Osteen Civic Center			^ Trail Welcome Center		
	4.4 Mi		18-27 Min	80 Min	6.2 Mi	25-37 Min	113 Min	15.2 Mi	61-91 Min	277 Min	
S-35	D15 - SB	Maytown Spur Trailhead	Cow Creek Trailhead >			^ Gobbler's Lodge Trailhead			^ Hickory Bluff Preserve		
	11.9 Mi		48-71 Min	216 Min	6.9 Mi	28-41 Min	125 Min	10.9 Mi	44-65 Min	198 Min	
S-36	D16 - NB		< Cow Creek Trailhead			^ Maytown Spur Trailhead			^ Brevard County Trails		
	11.9 Mi		48-71 Min	216 Min	0.4 Mi	2-3 Min	7 Min	1.9 Mi	8-11 Min	35 Min	
S-37	D16 - SB	Maytown Spur Trailhead	^ Cow Creek Trailhead			^ Gobbler's Lodge Trailhead			^ Hickory Bluff Preserve		
	12.3 Mi		50-74 Min	223 Min	7.3 Mi	30-44 Min	132 Min	11.3 Mi	46-68 Min	205 Min	
S-38			^ Brevard County Trails			^ Mims			^ Titusville		
S-39			1.5 Mi 6-9 Min 27 Min			12.1 Mi 48-73 Min 220 Min			16.5 Mi 66-99 Min 300 Min		

REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>WAYFINDING SIGN DETAIL</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-5
						VOLUSIA	442551-1-58-01		

700-1-12 2 AS

700-1-13 14 AS

NOTES:

1. *LEGEND:*

RR (*RESTROOM*) =   Restrooms

$PG (PLAYGROUND) =$   Playground

$W(WATER) =$   Drinking water

BIN (*BINOCULARS*) = 

HIKE (HIKING) = Hiking

PIC (PICNIC AREA) =

NB = NORTHBOUND

SB = SOUTHBOUND

$$\wedge = \Uparrow$$
$$> = \Rightarrow$$
 $\leq$ 

2. SIGN LOCATIONS ARE PROVIDED ON SHEETS S-8 TO S-23.

3. POSITION SIGNS SUCH THAT THE NORTHBOUND (NB) IS VISIBLE TO TRAIL USERS TRAVELLING NORTHBOUND. USE SAME SYSTEM FOR SOUTHBOUND, EASTBOUND AND WESTBOUND.

4. D3 AND D6 ARE SINGLE-SIDED. ALL OTHERS ARE BACK TO BACK.

ALUMINUM CAP

VINYL SIGN

TRAIL

18" X 18" X 8" MIN. CONCRETE AROUND BASE. FINISH CONCRETE 1" ABOVE GRADE, SLOPING AWAY FROM POST

6" X 6" X 84" ALUMINUM POST 0.125" THICK

40"

2"

48"

6"

16"

1"

8" MIN.

700-1-11

46

NOTES:

1. POSTS SHALL BE BURIED 3' MINIMUM AND SET IN CONCRETE SUCH THAT SOIL DOES NOT COVER THE CONCRETE, FORMING A 6" BUFFER BETWEEN THE POST AND GRASS.

2. POST AND CAP SHALL BE ALUMINUM, POWDER-COATED DARK GREEN.

3. MILE MARKER SIGNS 8.5 TO 12 ARE NOT INCLUDED WITHIN THIS PROJECT.

4. EACH VINYL SIGN SHALL BE CUSTOMIZED WITH THE DETAILS IN THE SIGN DETAIL TABLE.

5. SIGN SHALL BE PLACED ON POST WRAPPING ALL FOUR SIDES.

6. MILE MARKER SIGNS 0 TO 1.5 SHALL ONLY DISPLAY THE COAST TO COAST TRAIL LOGO. MILE MARKER SIGNS 2 TO 24.5 SHALL DISPLAY BOTH THE COAST TO COAST TRAIL AND ST. JOHNS RIVER 2 SEA LOOP LOGO. MILE MARKER SIGNS 25 TO 26.5 SHALL ONLY DISPLAY THE COAST TO COAST TRAIL LOGO.

7. MILE MARKER SIGN DETAIL SHOWN ON PAGE S-24. THE CONTRACTOR IS REQUIRED TO PRODUCE THE INDIVIDUAL LAYOUTS USING THE BASIC LAYOUT PROVIDED.

SIGN DETAIL TABLE

MM	USNG	N Latitude	W Longitude
0	17RNM 05466 84773	28.79047	80.94399
0.5	17RNM 04952 85388	28.79602	80.94926
1	17RNM 04435 86005	28.80160	80.95455
1.5	17RNM 03919 86621	28.80716	80.95984
2	17RNM 03312 87153	28.81196	80.96606
2.5	17RNM 02684 87654	28.81648	80.97249
3	17RNM 02055 88155	28.82100	80.97893
3.5	17RNM 01313 88312	28.82242	80.98654
4	17RNM 00528 88126	28.82074	80.99459
4.5	17RMM 99771 88299	28.82231	81.00234
5	17RMM 99062 88658	28.82555	81.00962
5.5	17RMM 98345 89021	28.82882	81.01697
6	17RMM 97626 89384	28.83210	81.02434
6.5	17RMM 96907 89748	28.83538	81.03170
7	17RMM 96182 90112	28.83867	81.03913
7.5	17RMM 95465 90477	28.84196	81.04649
8	17RMM 94743 90814	28.84499	81.05389
8.5	17RMM 93941 90838	28.84521	81.06212
9	17RMM 93271 90954	28.84626	81.06899
9.5	17RMM 92466 90947	28.84619	81.07724
10	17RMM 91662 90940	28.84612	81.08548
10.5	17RMM 90859 90933	28.84605	81.09371
11	17RMM 90105 90850	28.84530	81.10144
11.5	17RMM 89301 90853	28.84532	81.10968
12	17RMM 88497 90854	28.84532	81.11793
12.5	17RMM 87694 90867	28.84542	81.12616
13	17RMM 86915 90896	28.84568	81.13415

MM	USNG	N Latitude	W Longitude
13.5	17RMM 86114 90885	28.84557	81.14235
14	17RMM 85316 90859	28.84533	81.15053
14.5	17RMM 84512 90868	28.84540	81.15878
15	17RMM 83729 91042	28.84696	81.16681
15.5	17RMM 82949 91240	28.84874	81.17480
16	17RMM 82170 91437	28.85051	81.18280
16.5	17RMM 81390 91634	28.85228	81.19080
17	17RMM 80611 91832	28.85405	81.19879
17.5	17RMM 79831 92030	28.85583	81.20679
18	17RMM 79051 92227	28.85759	81.21479
18.5	17RMM 78272 92425	28.85936	81.22278
19	17RMM 77493 92625	28.86116	81.23077
19.5	17RMM 76699 92745	28.86223	81.23892
20	17RMM 75926 92961	28.86417	81.24684
20.5	17RMM 75226 93355	28.86771	81.25403
21	17RMM 74680 93939	28.87296	81.25964
21.5	17RMM 73926 94108	28.87447	81.26738
22	17RMM 73183 93928	28.87283	81.27499
22.5	17RMM 72428 93813	28.87178	81.28273
23	17RMM 71652 93638	28.87018	81.29068
23.5	17RMM 70909 93349	28.86756	81.29829
24	17RMM 70113 93425	28.86823	81.30646
24.5	17RMM 69378 93240	28.86654	81.31399
25	17RMM 69464 92702	28.86168	81.31310
25.5	17RMM 69171 92038	28.85568	81.31608
26	17RMM 69261 91297	28.84900	81.31514
26.5	17RMM 68905 90692	28.84353	81.31877

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

RICHARD B. MORROW, P.E.

PE No. 54697

Traffic Engineering Data Solutions, Inc.

80 Spring Vista Drive Phone: 386.753.0558

DeBary, FL 32713 Fax: 386.753.0778

CERTIFICATION OF AUTHORIZATION # 27392

STATE OF FLORIDA

DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	VOLUSIA	442551-1-58-01

MILE MARKER

SIGN DETAIL

SHEET NO.

S-6

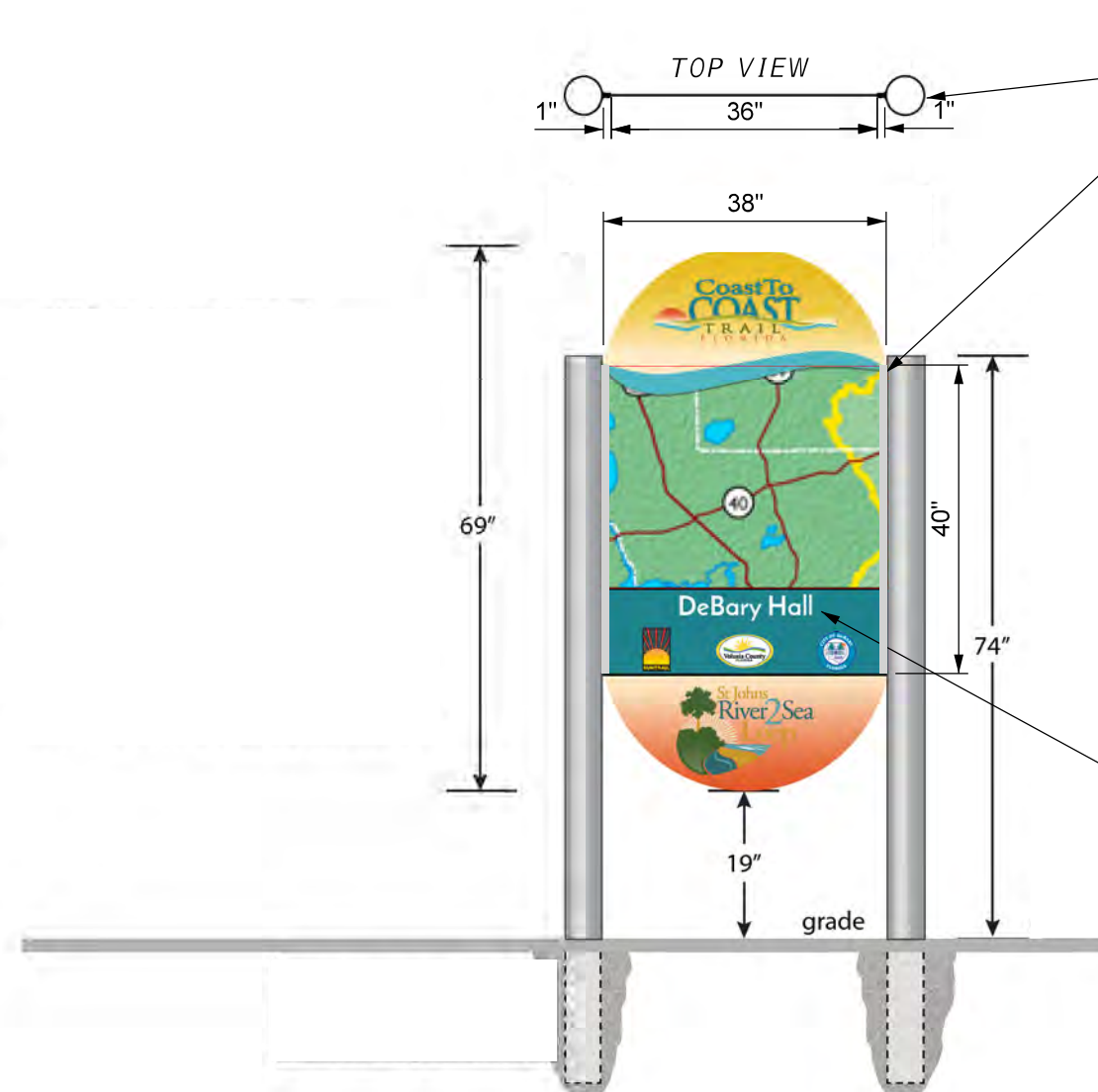
Roadway-User

1/7/2019

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Z:\2017 Projects\11001 (Volusia County Traffic Engineering)\TWO #11 - Trail Wayfinding

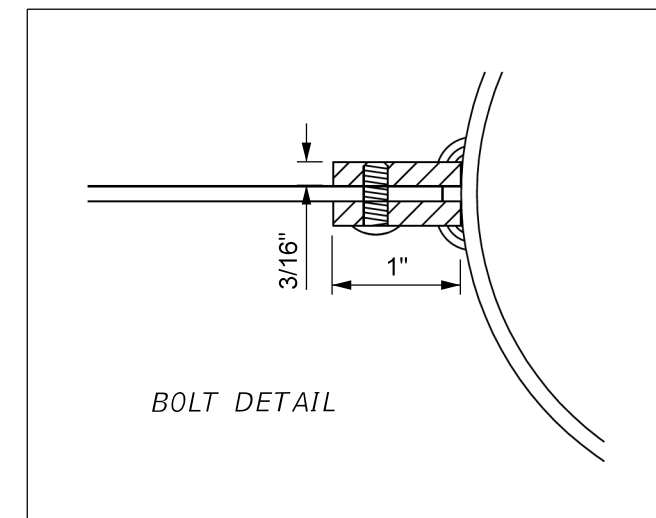
1. MAP SIGNS ARE DOUBLE-SIDED WITH A LARGE SCALE MAP ON ONE SIDE AND A SMALLER SCALE MAP ON THE OTHER SIDE. SIGN ARTWORK FILES WILL BE PROVIDED BY VOLUSIA COUNTY (TIM BAYLIE 386-804-3565).
2. SIGNS ARE A SINGLE PANEL WITH DIGITAL PRINT ON BOTH SIDES.
3. PANELS SLIDE INTO TRACKS ON POSTS AND FASTENED TO TRACKS WITH BOLTS.
4. ALUMINUM POSTS TO BE 5" IN DIAMETER POWDER COATED SILVER WITH MATCHING CAPS AND FRAME BRACKETS.
5. POSTS ARE TO BE INSTALLED BY DIRECT-BURIAL AND BACKFILLED WITH CONCRETE FILL TO A POINT 2" ABOVE GRADE AND SLOPED AWAY FROM POSTS.



MAP SIGNS			
Sheet	Sign ID	Location	Sign Text
S-8	M1	Lake Monroe Park	LAKE MONROE trailhead
S-10	M2	Gemini Trailhead	GEMINI SPRINGS trailhead
S-12	M3	Trail Welcome Center	DEBARY HALL trailhead
S-13	M4	I-4 Park & Ride	GREEN SPRINGS pathway
S-15	M5	Green Springs Park	GREEN SPRINGS trailhead
S-18	M6	Beck Ranch Park	BECK RANCH trailhead
S-19	M7	Osteen Civic Center	OSTEEN trailhead
S-21	M8	Gobbler's Lodge Trailhead	GOBBLER'S LODGE trailhead
S-23	M9	Maytown Trailhead	MAYTOWN trailhead

700-2-13 9 AS

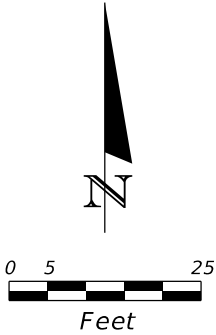
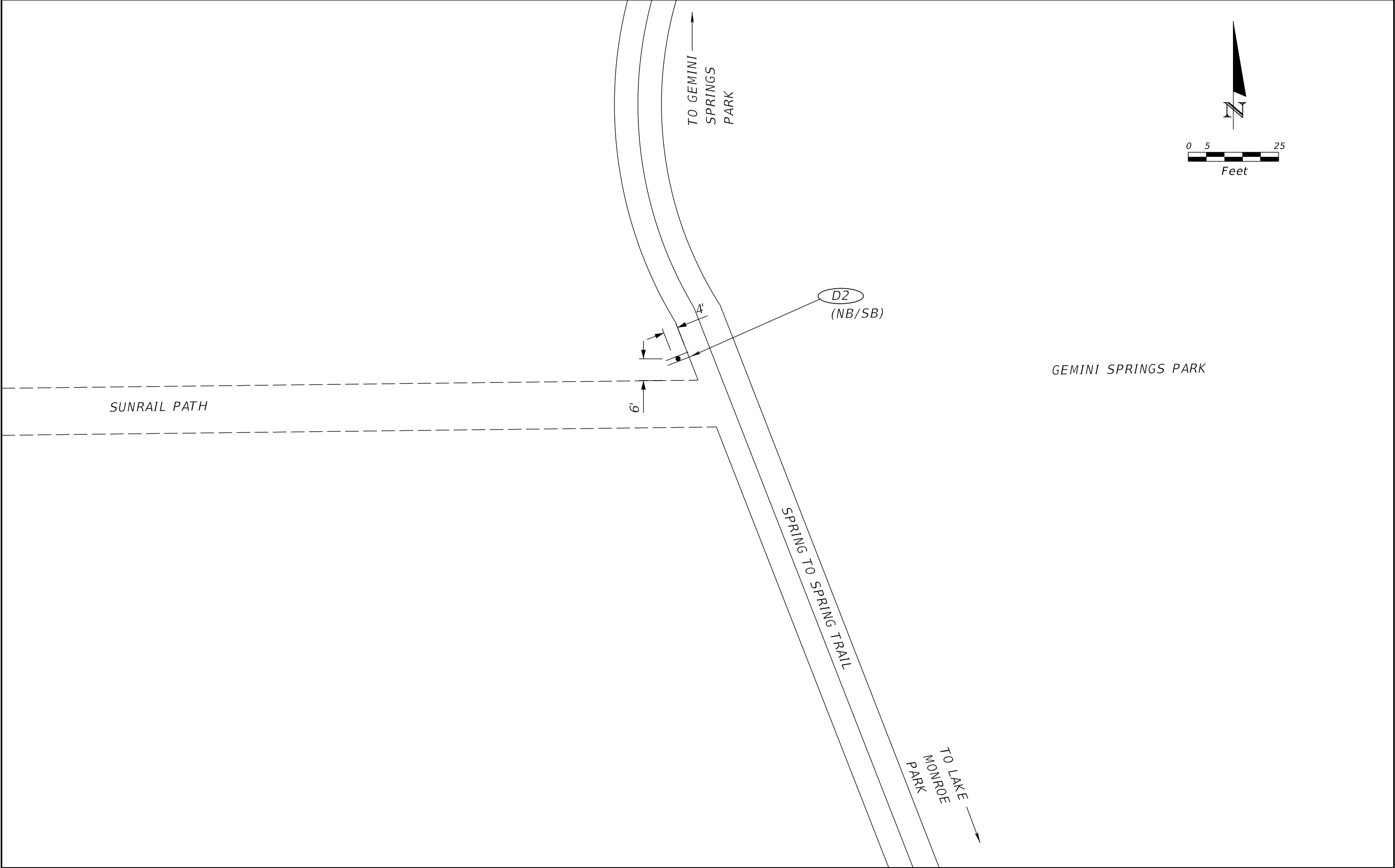
~~REPLACE "DeBary Hall"~~
~~WITH TEXT IN MAP~~
~~SIGNS TABLE.~~



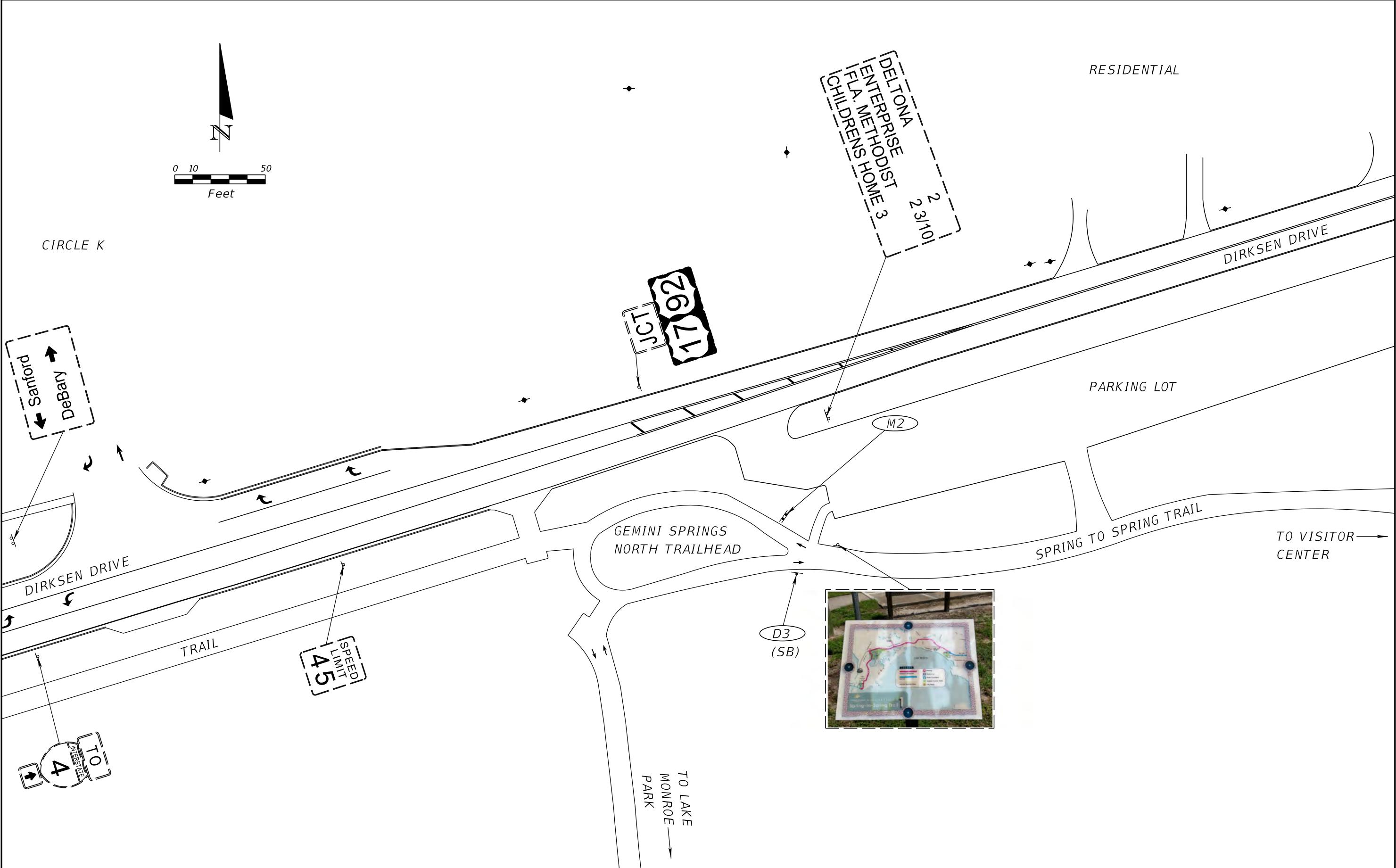
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>MAP SIGN DETAIL</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-7
						VOLUSIA	442551-I-58-01		



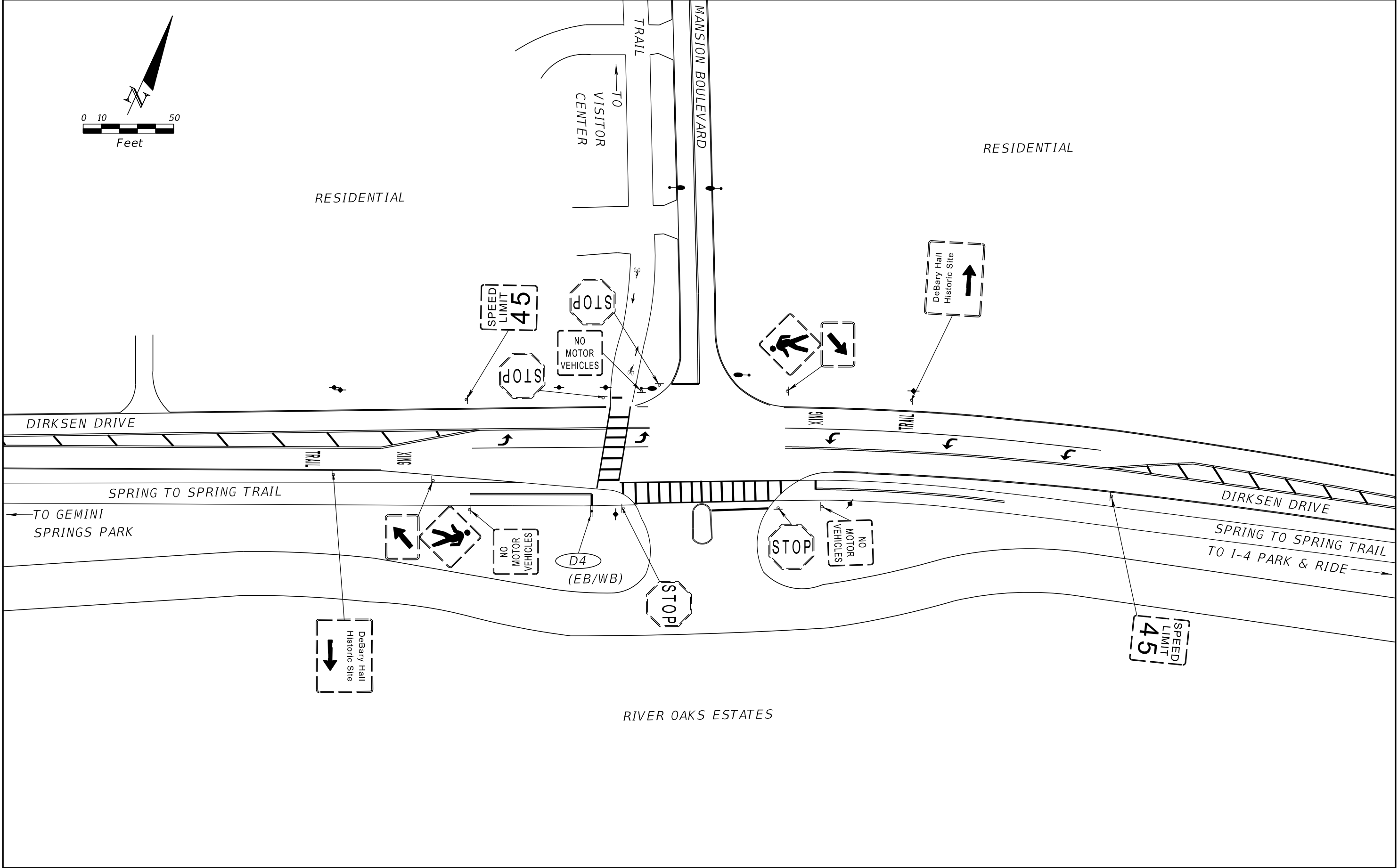
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (LAKE MONROE PARK)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			S-8
						VOLUSIA	442551-1-58-01			



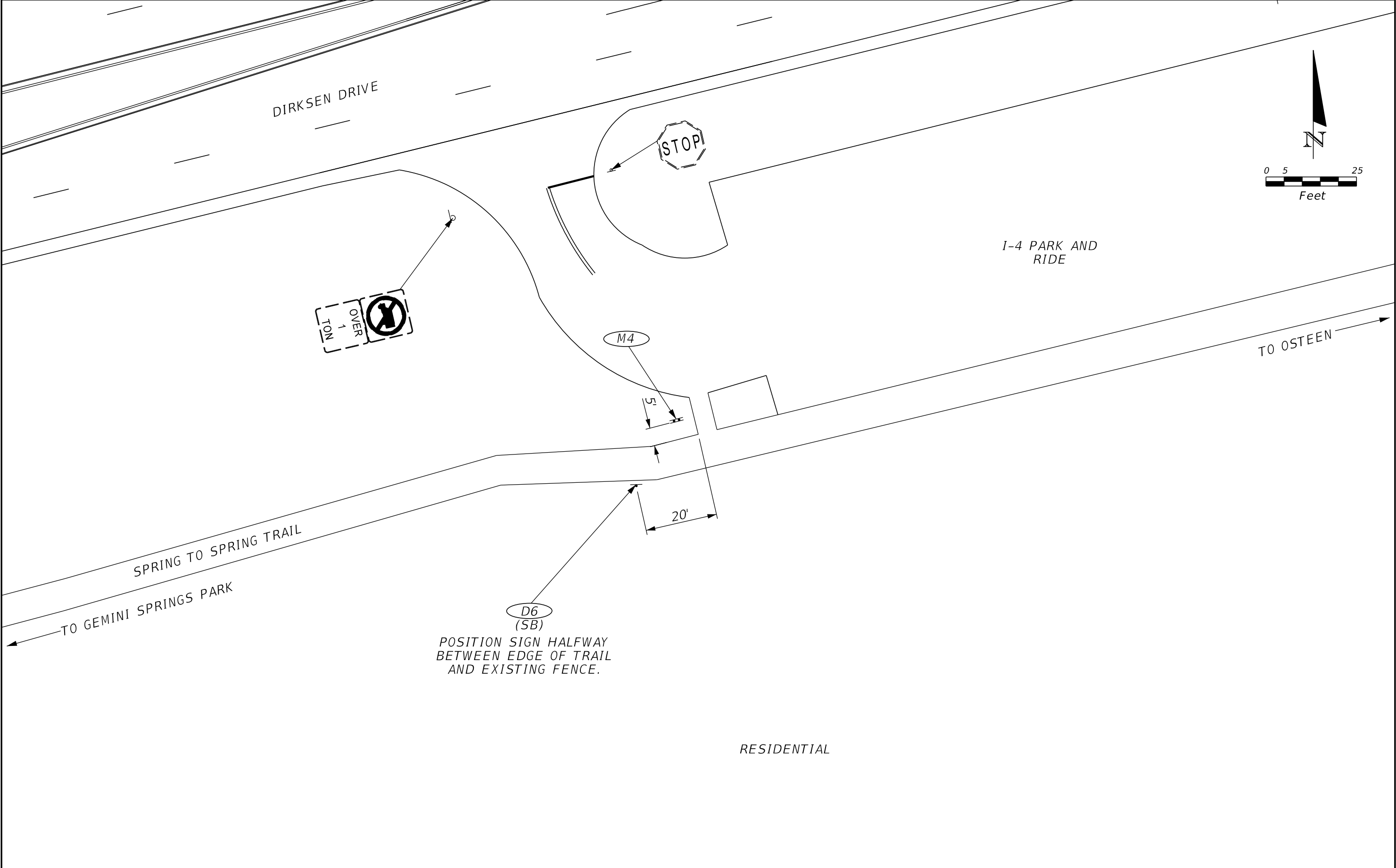
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (SUNRAIL PATH)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-9
						VOLUSIA	442551-1-58-01		



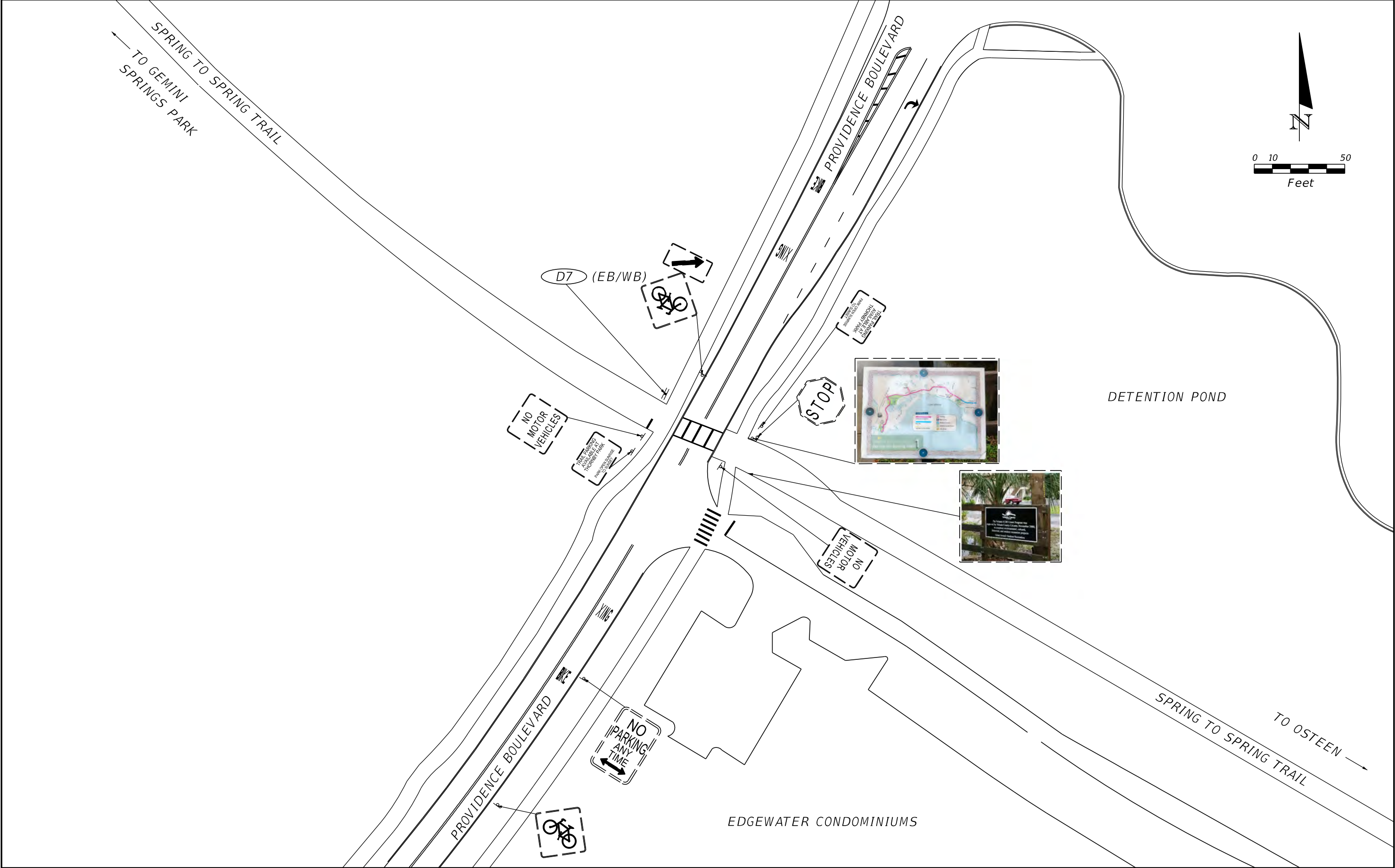
REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (GEMINI TRAILHEAD)		SHEET NO. S-10	
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
						VOLUSIA	442551-1-58-01				



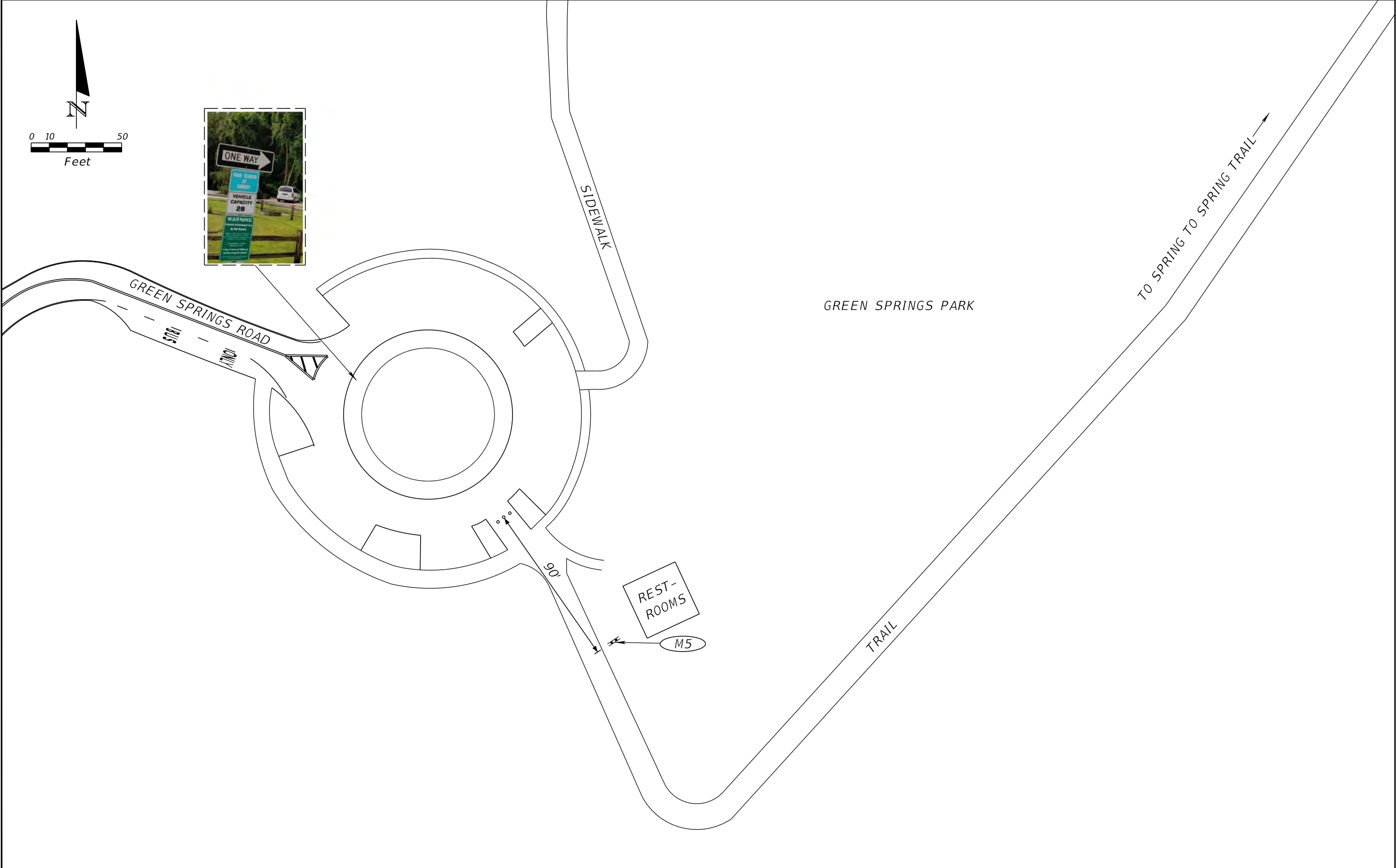
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (DIRKSEN ROAD AT MANSION BOULEVARD)		SHEET NO. S-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						VOLUSIA	442551-1-58-01			



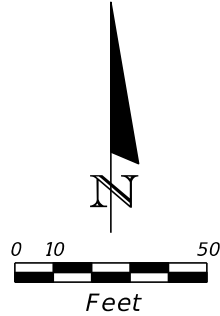
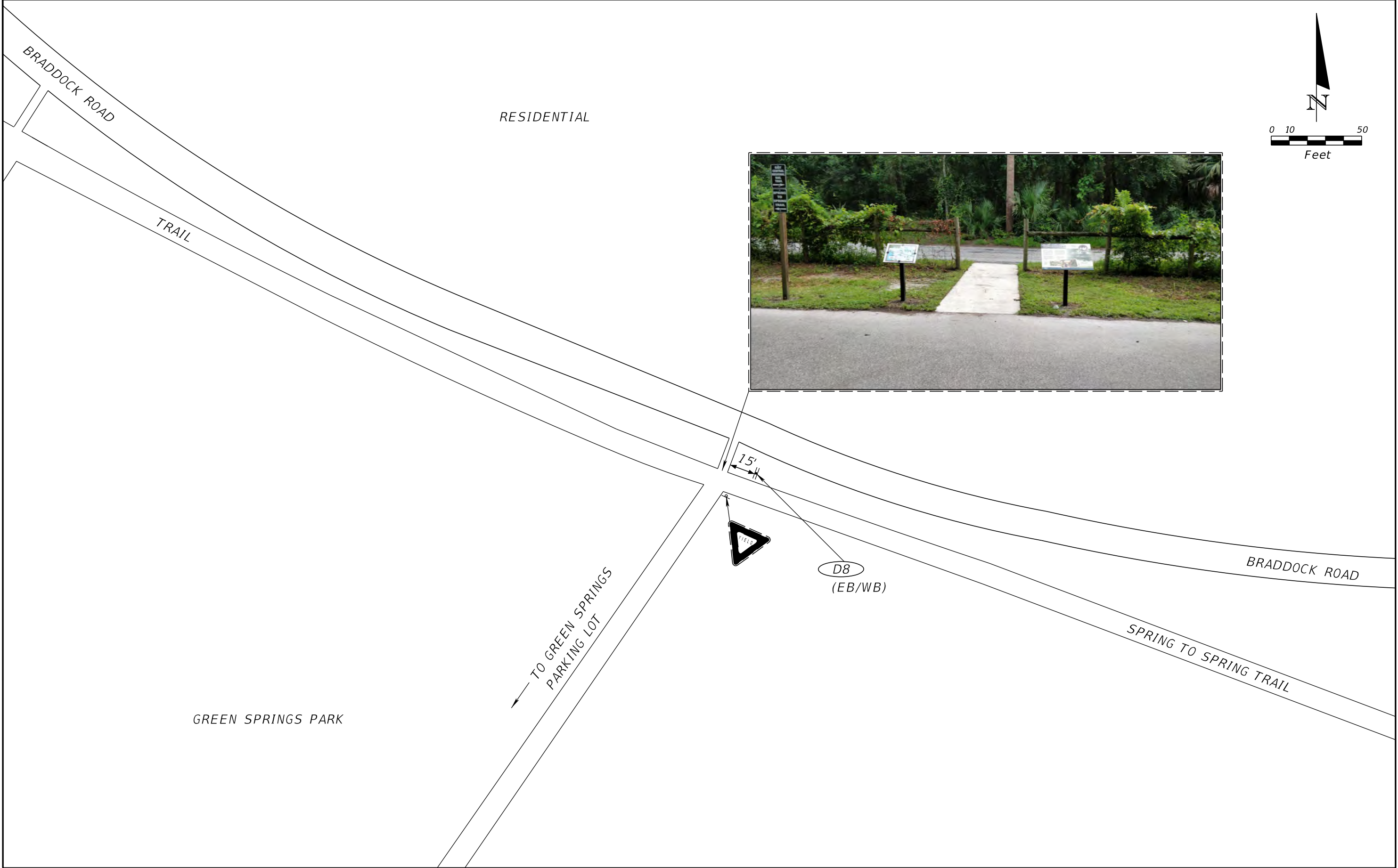
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (INTERSTATE 4 AND PARK AND RIDE)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION							
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID			S-13
						VOLUSIA	442551-1-58-01			



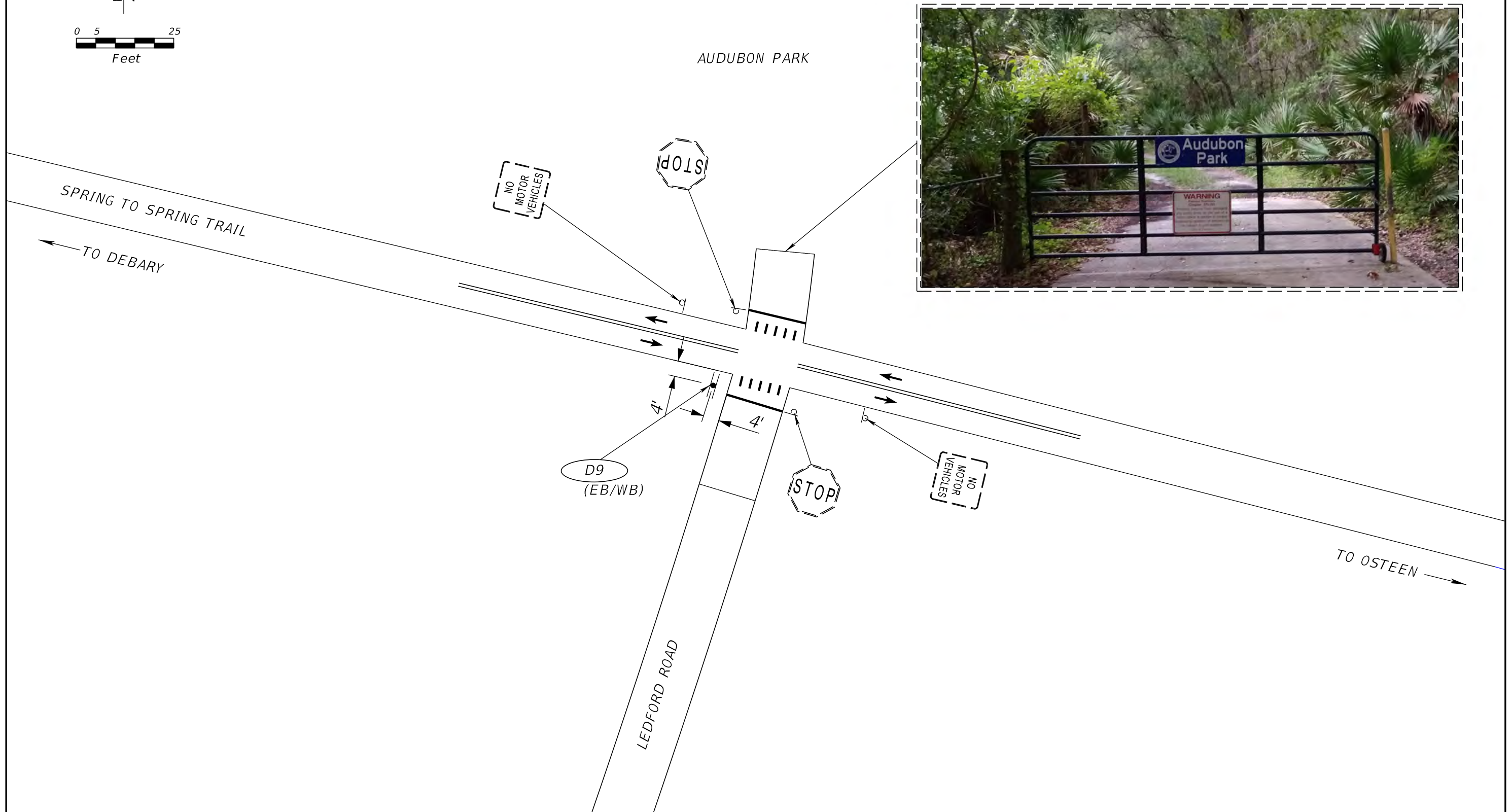
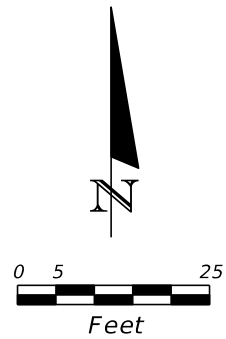
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (PROVIDENCE BOULEVARD)		SHEET NO. S-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						VOLUSIA	442551-1-58-01			



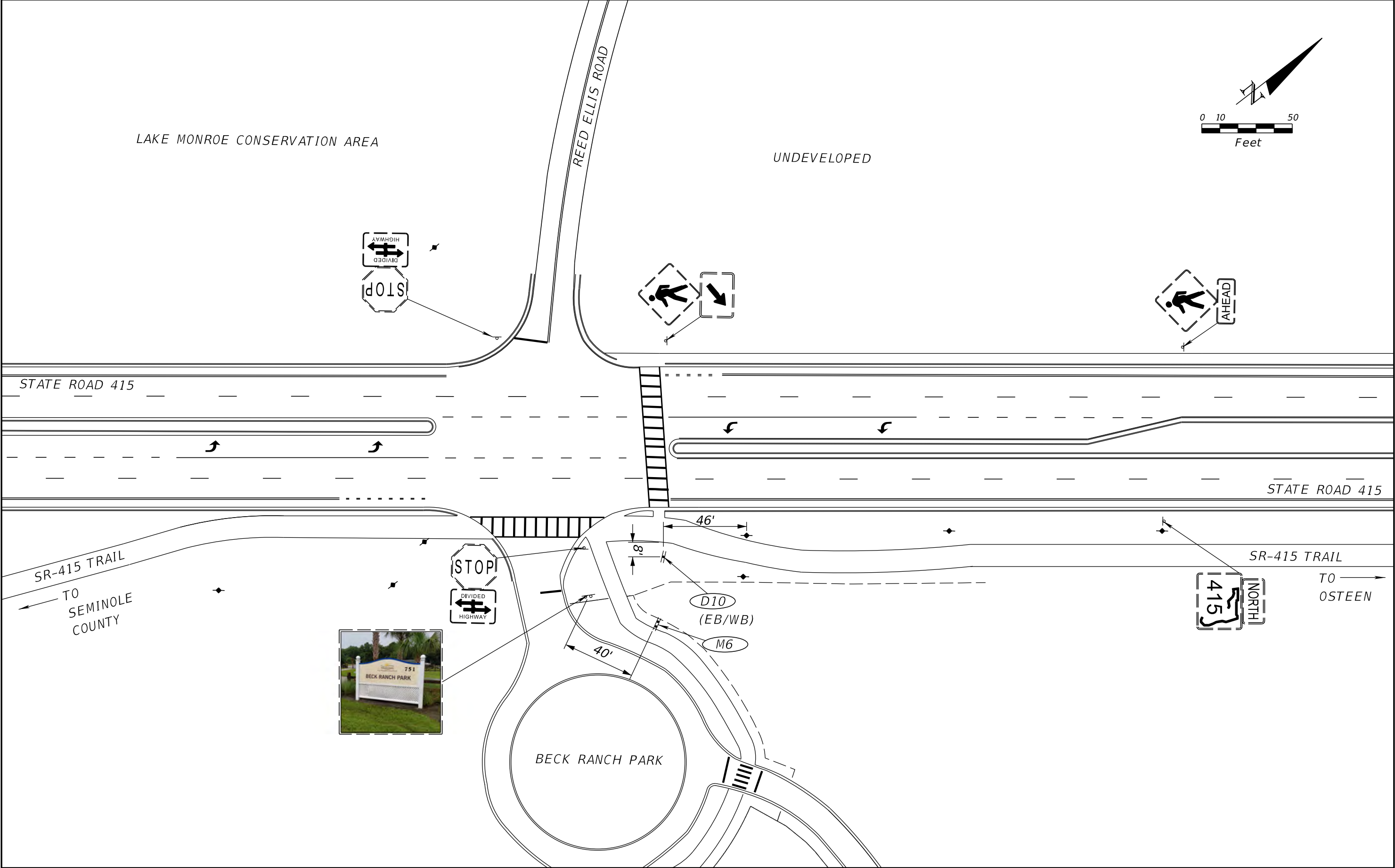
REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (GREEN SPRINGS PARK)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-15
						VOLUSIA	442551-1-58-01		



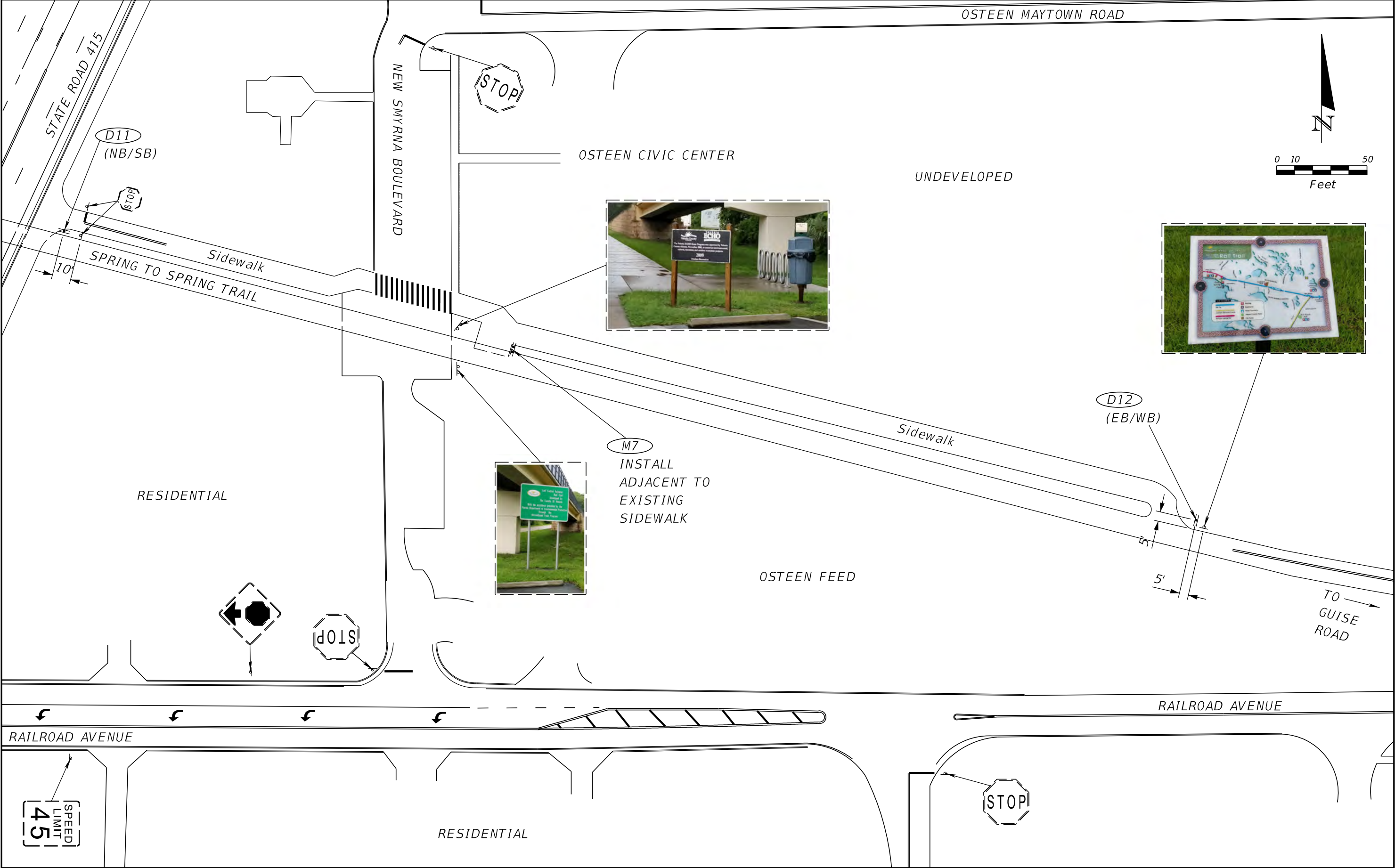
REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (TRAIL ENTRANCE TO GREEN SPRINGS PARK)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-16
						VOLUSIA	442551-1-58-01		



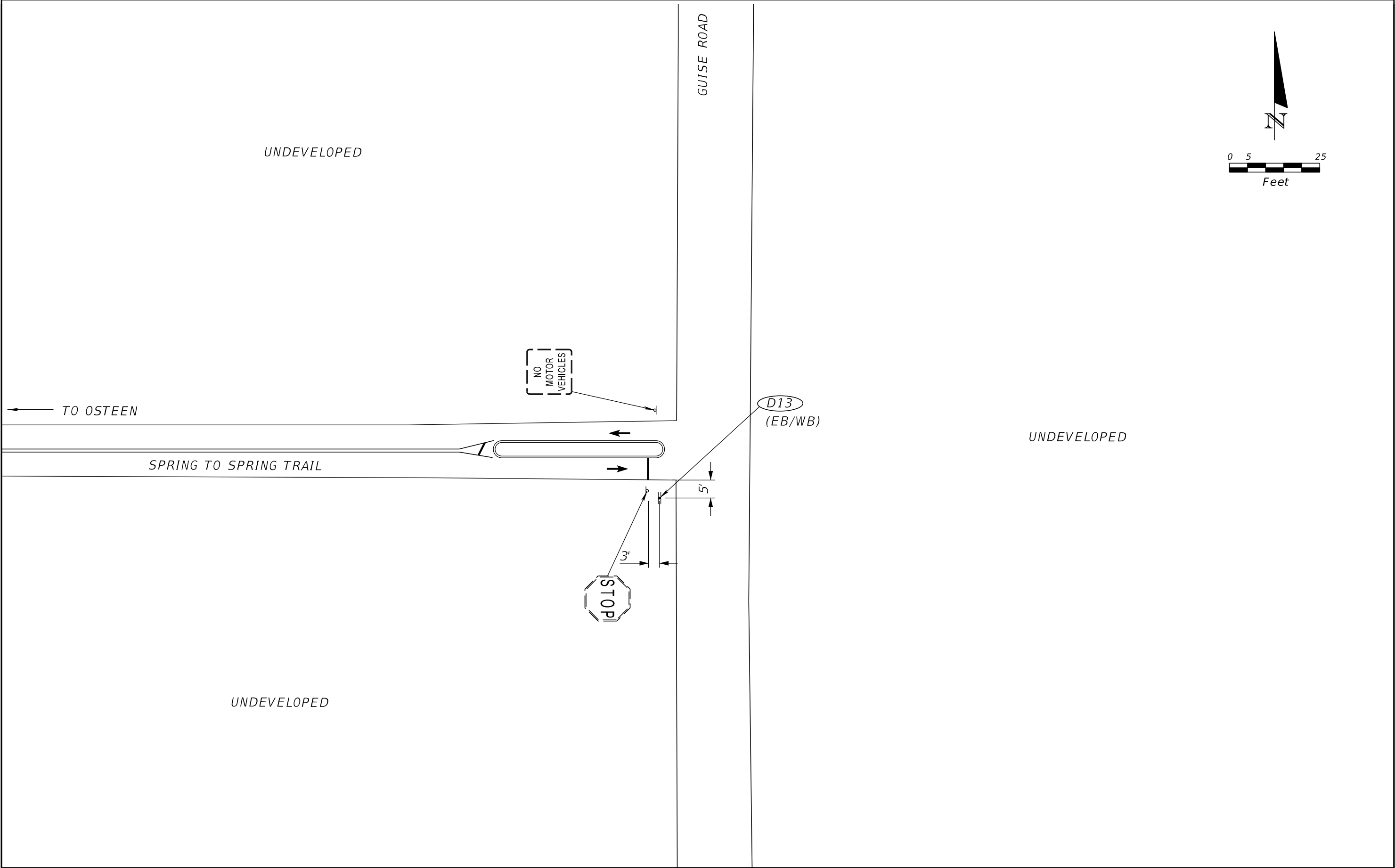
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (AUDUBON PARK GATE)		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			S-17	
						VOLUSIA	442551-1-58-01				



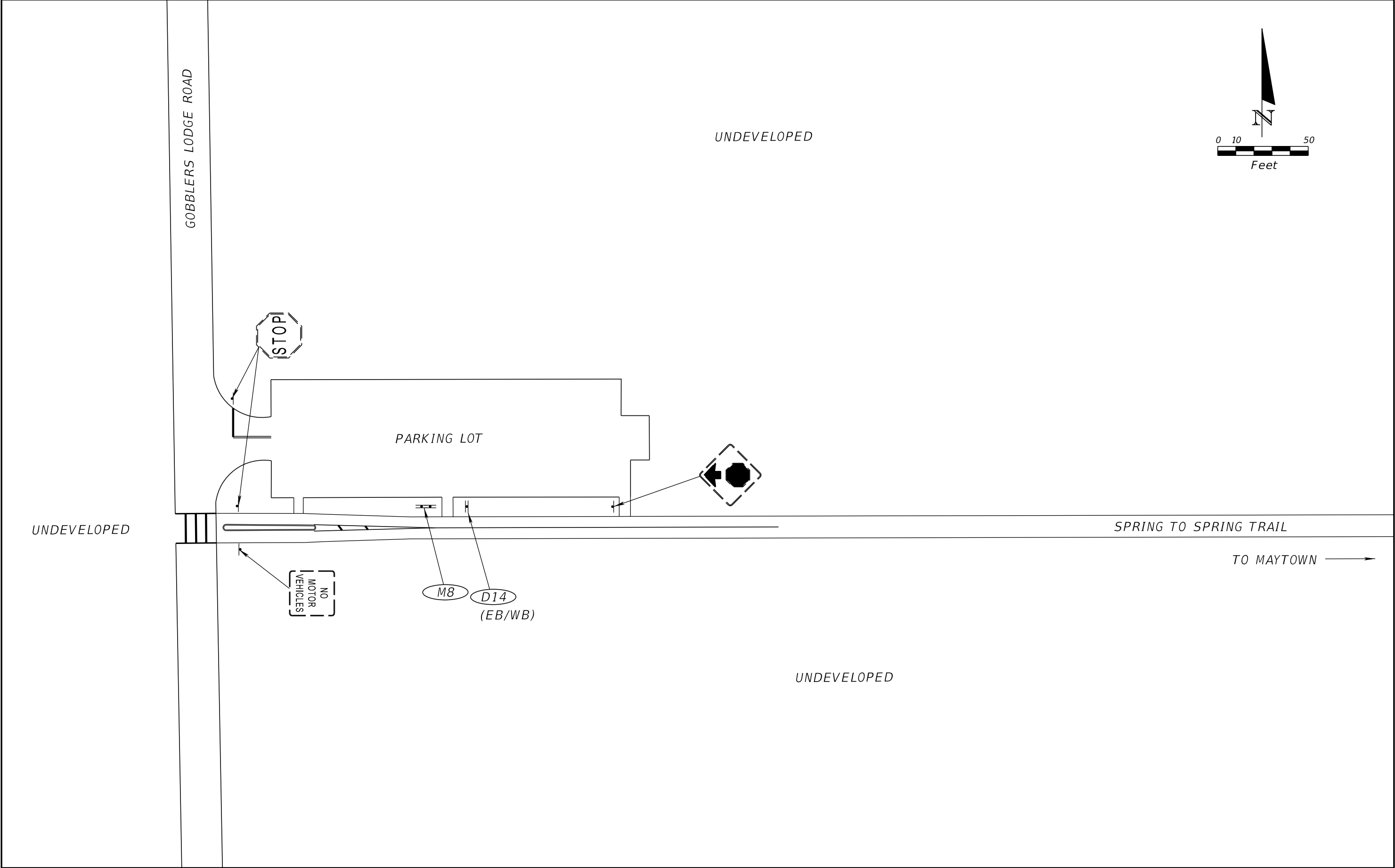
REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (BECK RANCH PARK)		SHEET NO. S-18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
						VOLUSIA	442551-1-58-01			



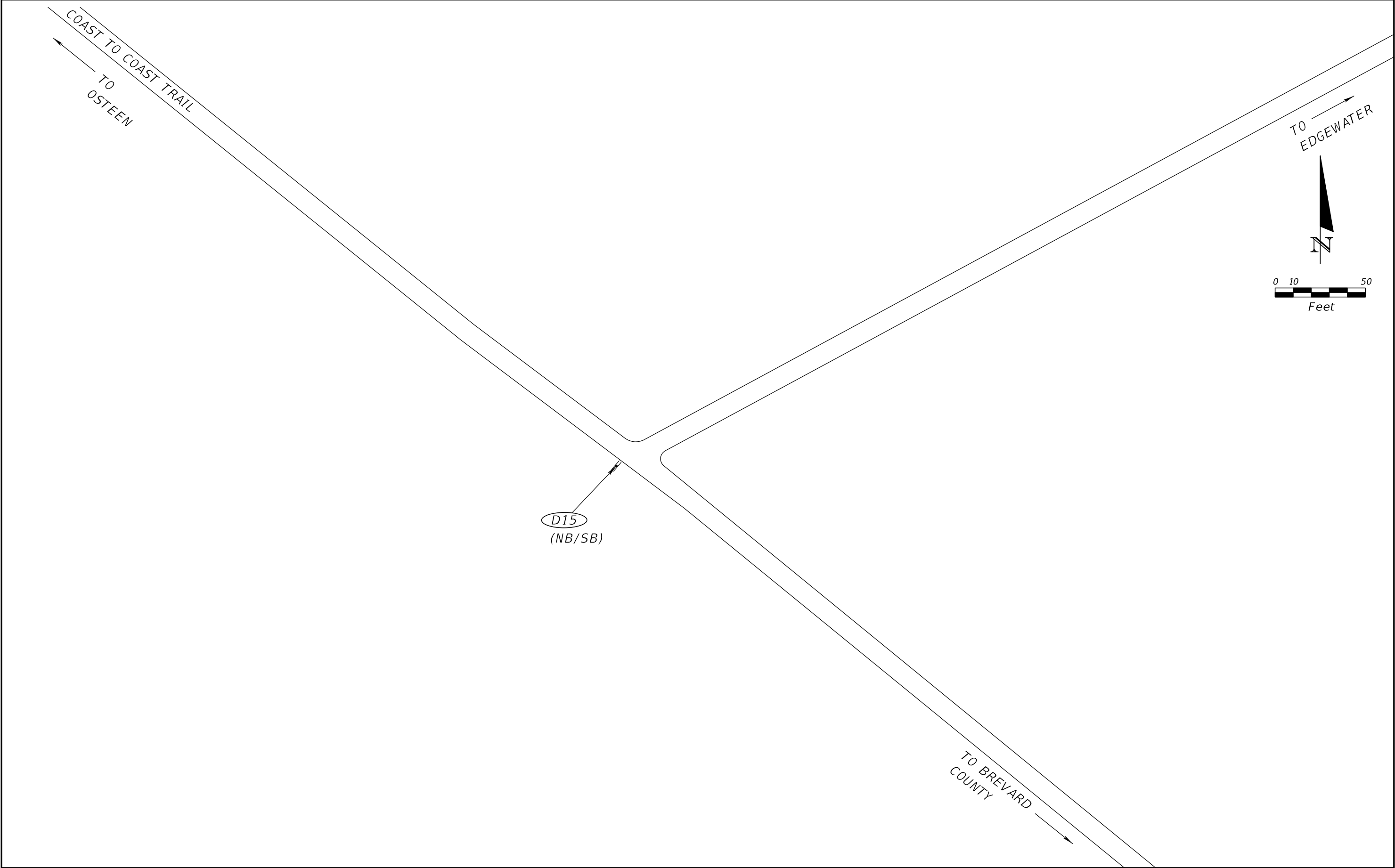
REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (OSTEEN CIVIC CENTER)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-19
						VOLUSIA	442551-1-58-01		



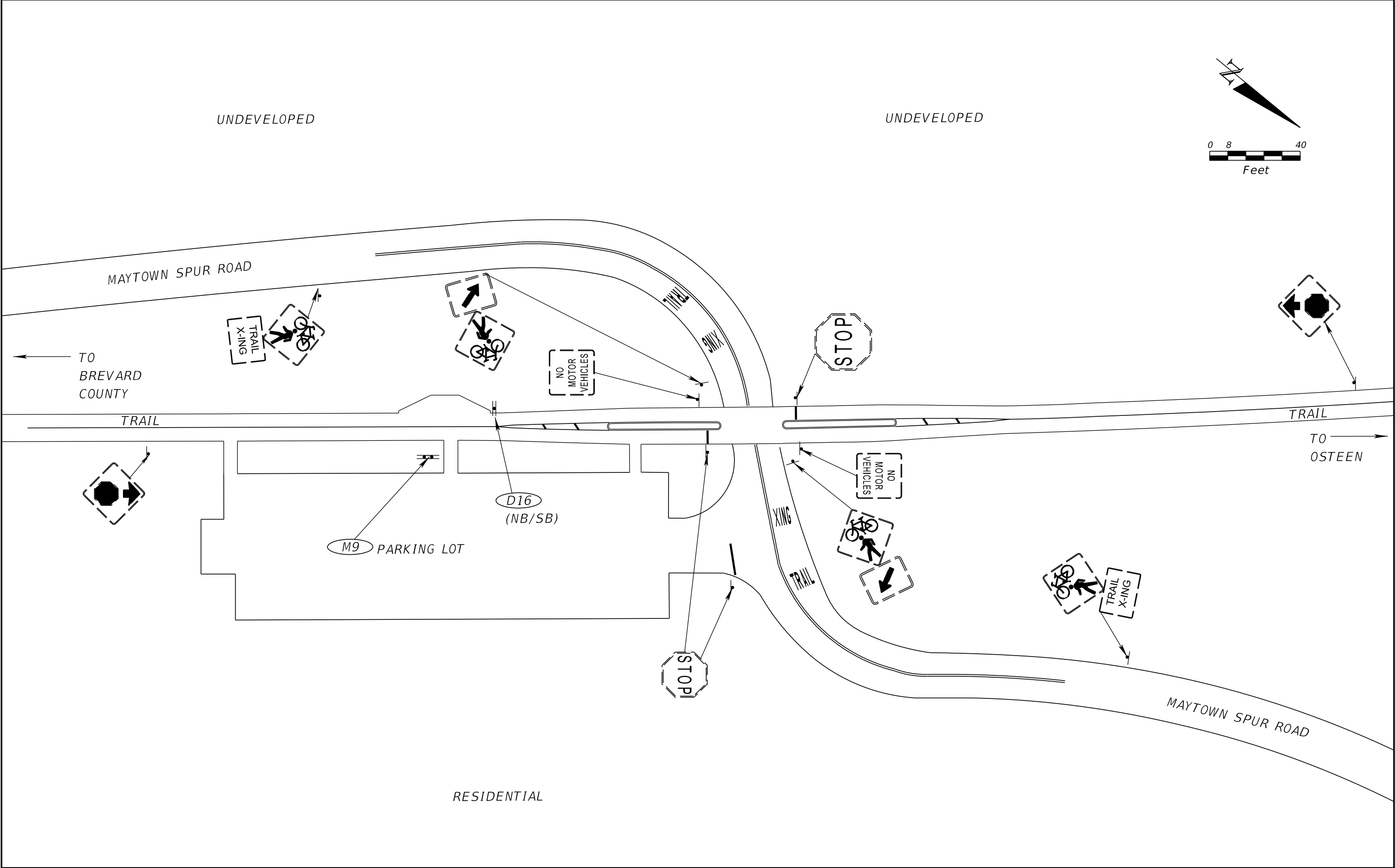
REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (GUISE ROAD)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-20
						VOLUSIA	442551-1-58-01		



REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (GOBBLER'S LODGE TRAILHEAD)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-21
						VOLUSIA	442551-1-58-01		



REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (MAYTOWN SPUR TRAIL INTERSECTION)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-22
						VOLUSIA	442551-1-58-01		



REVISIONS				RICHARD B. MORROW, P.E. PE No. 54697 Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive Phone: 386.753.0558 DeBary, FL 32713 Fax: 386.753.0778 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN VIEW (MAYTOWN SPUR TRAILHEAD)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-23
						VOLUSIA	442551-1-58-01		

NOTES:

1. EACH SIGN SHALL BE CUSTOMIZED WITH THE DETAILS IN THE SIGN DETAIL TABLE ON PAGE S-6.
2. SIGN SHALL BE PLACED ON POST WRAPPING ALL FOUR SIDES.
3. MILE MARKER SIGNS 0 TO 1.5 SHALL ONLY DISPLAY THE COAST TO COAST TRAIL LOGO. MILE MARKER SIGNS 2 TO 24.5 SHALL DISPLAY BOTH THE COAST TO COAST TRAIL AND ST. JOHNS RIVER 2 SEA LOOP LOGO. MILE MARKER SIGNS 25 TO 26.5 SHALL ONLY DISPLAY THE COAST TO COAST TRAIL LOGO.
4. MILE MARKER SIGN DETAIL SHOWN ON PAGE S-6. THE CONTRACTOR IS REQUIRED TO PRODUCE THE INDIVIDUAL LAYOUTS USING THE BASIC LAYOUT PROVIDED.
5. SIGNS SHALL BE POSITIONED WITH 911 SIDE FACING THE TRAIL.

DUAL LOGO MILE MARKER SIGN DETAIL (FOR MILE MARKER SIGNS 2 TO 24.5)

TRAIL SIDE OF POST

BACK SIDE OF POST



MILE
26.5



Lat/Long:
N28.84353, W81.31877

USNG:
17RMM 68905 90692

**IN CASE OF
EMERGENCY
DIAL**

9-1-1

**Non-Emergency
Call 386-943-8276**





Please Keep
Our Trails Clean
For Everyone



Download the app for
Maps and Amenities



(EACH PANEL IS 6" WIDE BY 16" TALL)

COAST TO COAST LOGO MILE MARKER STICKER DETAIL (FOR MILE MARKER SIGNS 0 TO 1.5 AND 25 TO 26.5)

TRAIL SIDE OF POST

BACK SIDE OF POST



MILE
26.5



Lat/Long:
N28.84353, W81.31877

USNG:
17RMM 68905 90692

**IN CASE OF
EMERGENCY
DIAL**

9-1-1

**Non-Emergency
Call 386-943-8276**





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Our Trails Clean
For Everyone



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Maps and Amenities



(EACH PANEL IS 6" WIDE BY 16" TALL)

REVISIONS				RICHARD B. MORROW, P.E. Traffic Engineering Data Solutions, Inc. 80 Spring Vista Drive DeBary, FL 32713 CERTIFICATION OF AUTHORIZATION # 27392	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			MILE MARKER SIGN DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						VOLUSIA	442551-1-58-01		S-24