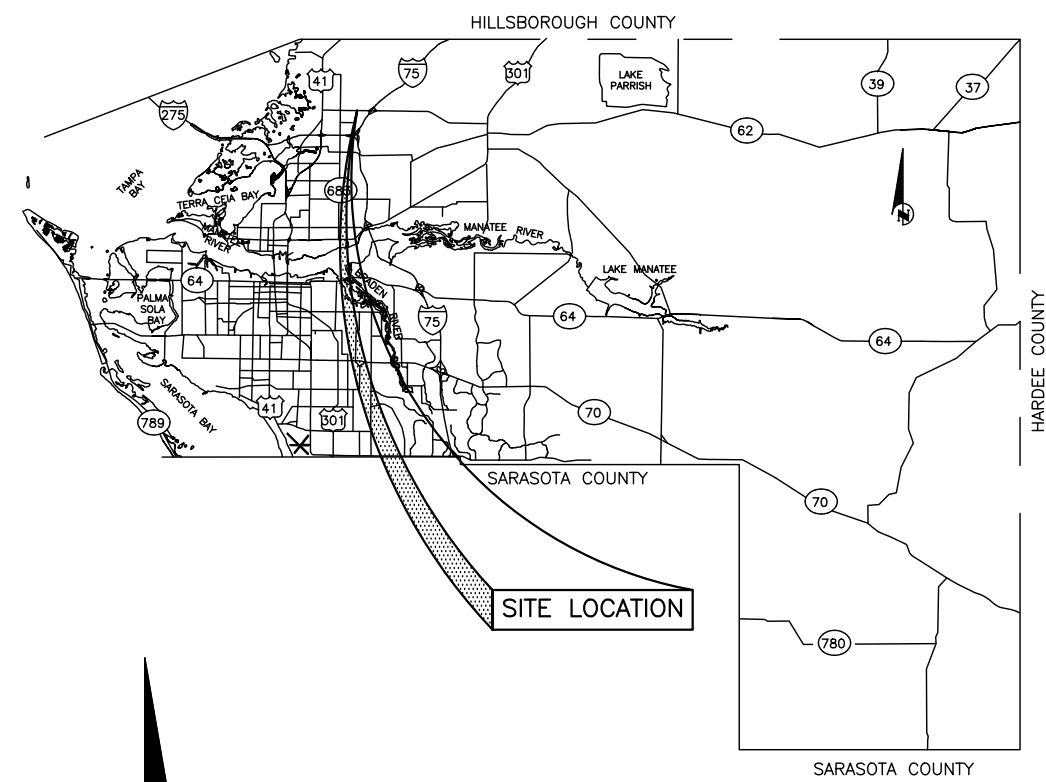




**MANATEE COUNTY
PUBLIC WORKS DEPARTMENT**

SIGNALIZATION PLANS

MANATEE PROJECT ID 6092560
MOCCASIN WALLOW ROAD
FROM US 41 TO WEST OF I-75



"GOVERNING STANDARD PLANS:
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 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:
[HTTPS://WWW.FDOT.GOV/DESIGN/STANDARDPLANS](https://www.fdot.gov/design/standardplans)

APPLICABLE IRS: IR536-001-01, IR521-001-01

STANDARD PLANS FOR BRIDGE CONSTRUCTION ARE INCLUDED IN THE STRUCTURES PLANS COMPONENT.

GOVERNING STANDARD SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2021 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
[HTTPS://WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECSBOOKS](https://www.fdot.gov/programmanagement/implemented/specsbooks)"

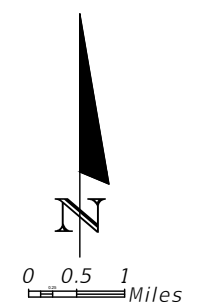
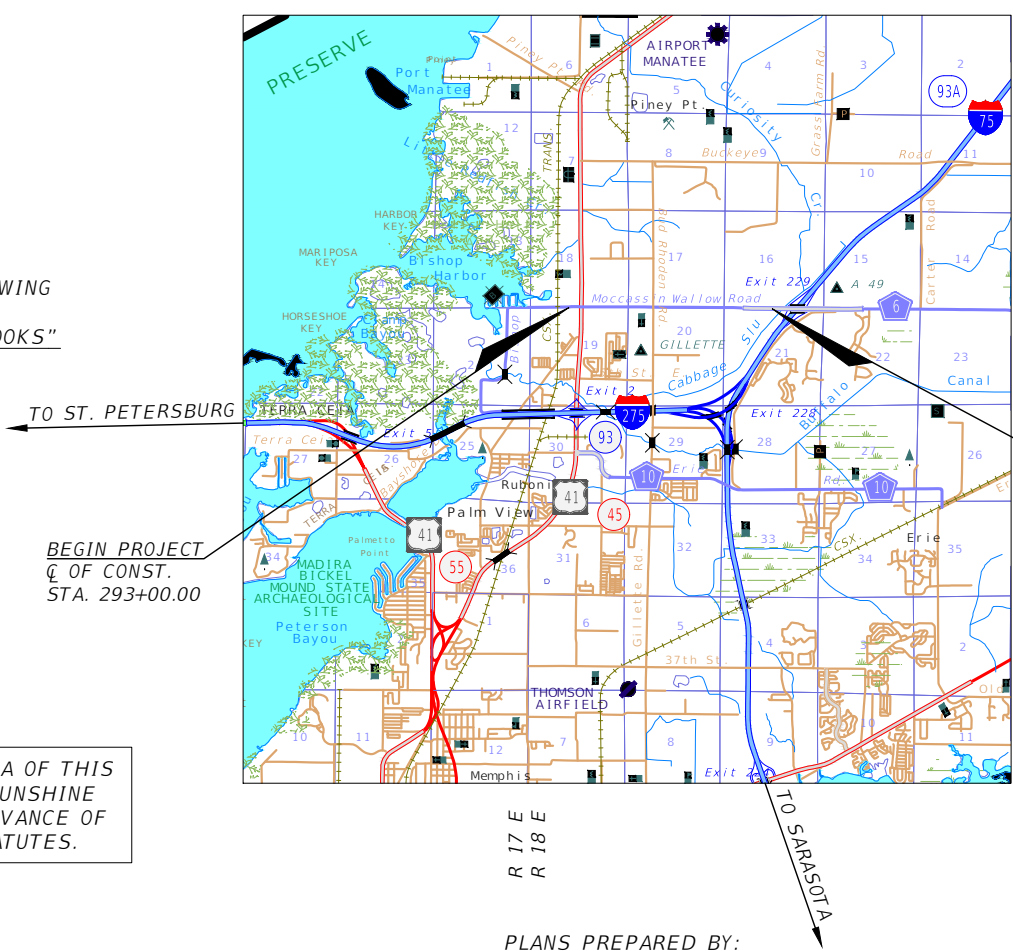
OTHER RELATED STANDARDS AND SPECIFICATIONS

- A. MANATEE COUNTY HIGHWAY & TRAFFIC STANDARDS MANUAL AND STORMWATER MANAGEMENT DESIGN MANUAL (JUNE 2015).
- B. MANATEE COUNTY UTILITIES STANDARDS MANUAL (JUNE 2020).

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

UTILITY WARNING NOTE

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.



END PROJECT
☐ OF CONST.
STA. 402+42.59

BEGIN PROJECT
☐ OF CONST.
STA. 293+00.00

PLANS PREPARED BY:

3905 Crescent Park Drive, Riverview, Florida, 33578
www.cardno.com - 813.664.4500
Certificate of Authorization No. 29915

SIGNALIZATION PLANS
ENGINEER OF RECORD:

DAVID J. ALLEN
P.E. NO.:58540

MANATEE COUNTY PROJECT MANAGER:
DANIEL GARNER, PE

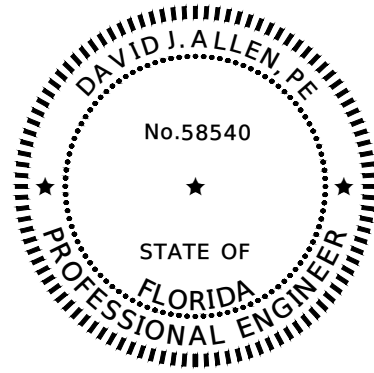
INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2, T-2A	SIGNATURE SHEET
T-3 - T-7	TABULATION OF QUANTITIES
T-8 - T-9	GENERAL NOTES
T-10 - T-19	SIGNALIZATION PLAN
T-20 - T-49	INTERCONNECT PLAN
T-50 - T-51	MAST ARM TABULATION
T-52	STANDARD MAST ARM ASSEMBLIES
T-53	DMS CROSS SECTION
T-54	CANTILEVER SIGN STRUCTURE DATA TABLE
T-55	MVDS AND STRAIN POLE DETAILS
T-56 - T-58	FIBER OPTIC SPLICE DETAILS
T-59 - T-62	GUIDE SIGN WORKSHEET
T-63 - T-65	REPORT OF CORE BORINGS

SUMMARY OF REVISIONS	
DATE	DESCRIPTION
7/11/22	△ SHEETS T-2A, T-15, T-17, T-51 SHIFT MAST ARM POLES TO AVOID FORCE MAIN

SHEET NO.
T-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED AND
THE SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

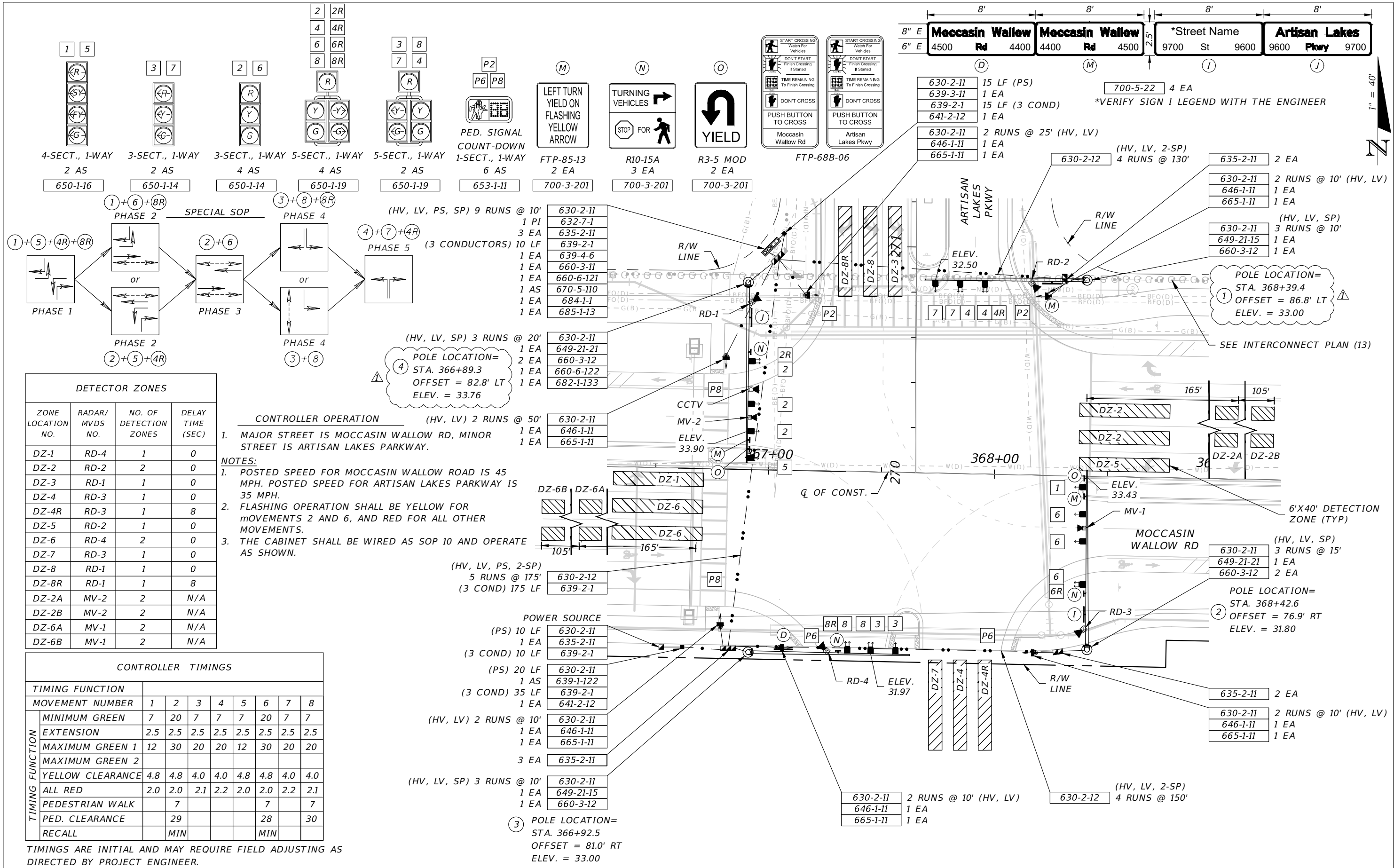
DAVID J. ALLEN, PE
CARDNO
3905 CRESCENT PARK DRIVE
RIVERVIEW, FL 33578
CERTIFICATE OF AUTHORIZATION 29915
PHONE NUMBER: (813) 664-4500

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING
SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

SHEET NO.	DESCRIPTION
T-1	KEY SHEET
T-2A	SIGNATURE SHEET
T-15, T-17	SIGNALIZATION PLAN
T-51	MAST ARM TABULATION

REVISIONS				DAVID J. ALLEN, PE P.E. LICENSE NUMBER 58540 CARDNO 3905 CRESCENT PARK DRIVE RIVERVIEW, FLORIDA 33578	MANATEE COUNTY		<i>SIGNATURE SHEET</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID		T-2A
7/11/22	△ ADDED SHEET				MOCCASIN WALLOW RD	6092560		



DETECTOR ZONES			
ZONE LOCATION NO.	RADAR/MVDS NO.	NO. OF DETECTION ZONES	DELAY TIME (SEC)
DZ-1	RD-4	1	0
DZ-2	RD-2	2	0
DZ-3	RD-1	1	0
DZ-4R	RD-3	1	8
DZ-5	RD-2	1	0
DZ-6	RD-4	2	0
DZ-7	RD-3	1	0
DZ-8	RD-1	1	0
DZ-8R	RD-1	1	8
DZ-2A	MV-2	2	N/A
DZ-2B	MV-2	2	N/A
DZ-6A	MV-1	2	N/A
DZ-6B	MV-1	2	N/A

CONTROLLER OPERATION (HV, LV) 2 RUNS @ 50'

1. MAJOR STREET IS MOCCASIN WALLOW RD, MINOR STREET IS ARTISAN LAKES PARKWAY.

NOTES:

- POSTED SPEED FOR MOCCASIN WALLOW ROAD IS 45 MPH. POSTED SPEED FOR ARTISAN LAKES PARKWAY IS 35 MPH.
- FLASHING OPERATION SHALL BE YELLOW FOR MOVEMENTS 2 AND 6, AND RED FOR ALL OTHER MOVEMENTS.
- THE CABINET SHALL BE WIRED AS SOP 10 AND OPERATE AS SHOWN.

CONTROLLER TIMINGS								
TIMING FUNCTION	1	2	3	4	5	6	7	8
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN	7	20	7	7	7	20	7	7
EXTENSION	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
MAXIMUM GREEN 1	12	30	20	20	12	30	20	20
MAXIMUM GREEN 2								
YELLOW CLEARANCE	4.8	4.8	4.0	4.0	4.8	4.8	4.0	4.0
ALL RED	2.0	2.0	2.1	2.2	2.0	2.0	2.2	2.1
PEDESTRIAN WALK		7				7		7
PED. CLEARANCE		29				28		30
RECALL		MIN				MIN		

TIMINGS ARE INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

REVISIONS				DAVID J. ALLEN, P.E. P.E. LICENSE NUMBER 58540 CARDNO 3905 CRESCENT PARK DRIVE RIVERVIEW, FLORIDA 33578 CERTIFICATE OF AUTHORIZATION 29915	MANATEE COUNTY		SHEET NO. T-15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT ID	
7/11/22	SHIFT POLES 1 AND 4 TO NORTH TO AVOID FORCE MAIN			MOCCASIN WALLOW RD	6092560	SIGNALIZATION PLAN (6)	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

