SOP

SIGNAL DISPLAY DETAILS

ALL INDICATIONS SHALL BE L.E.D.

1 5 — 3-SECT., 1-WAY — 650-54-313 — 2 AS

2 4 6 8 — 3-SECT., 1-WAY — 650-54-313 — 8 AS

P2 P4 P6 P8 — PED. SIGNAL 1-SECT., 1-WAY — 653-181 — 4 AS

P2-P4 P6-P8 — PED. SIGNAL 1-SECT., 2-WAY — 653-182 — 2 AS

EXISTING POLE A, CONTROLLER ASSEMBLY, AND ELECTRICAL SERVICE TO REMAIN IN SERVICE.

POLE LOCATION= STA. 1864+60, 98' LT

630-1-12	50 LF
632-7-1	1 PI
635-1-11	2 EA
635-1-16	1 EA
670-5-410	1 AS

630-1-12	165 LF
630-1-13	35 LF
633-123-2	400 LF

45 LF	630-1-12
2 EA	635-1-11
2 EA	659-108
2 EA	665-11

REMOVAL ITEMS

690-90	1 PI
690-100	1 PI

630-1-12	100 LF
630-1-13	100 LF

190 LF	630-1-12
1 EA	635-1-11

630-1-12	160 LF
635-1-11	2 EA

10 LF	630-1-12
2 EA	635-1-11
1 EA	659-108
2 EA	665-11

360 LF	630-1-12
180 LF	630-1-14
(3 CONDUITS)	

630-1-12	220 LF
630-1-14	110 LF
(3 CONDUITS)	

630-1-12	70 LF
635-1-11	2 EA
659-108	2 EA
665-11	2 EA

(A) POLE LOCATION= STA. 1865+80 92' RT

(B) (SEE SHEET T-22)

630-1-12	330 LF
630-1-14	110 LF
633-123-2	110 LF

(4 CONDUITS)

630-1-12	20 LF
659-108	1 EA
665-11	2 EA

630-1-12	320 LF
635-1-11	2 EA
635-1-15	1 EA
633-123-2	160 LF

(2 CONDUITS)

630-1-12	380 LF
635-1-11	2 EA
633-123-2	190 LF

(2 CONDUITS)

630-1-12	15 LF
633-123-2	15 LF

6'x40' — 660-2-106 — 7 AS

6'x6' — 660-2-102 — 6 AS

6'x6' — 660-2-102 — 6 AS

634-4-412	1 PI

EXISTING TO REMAIN

Ⓐ U.S. 27

Ⓑ CITRUS TOWER BLVD

Ⓒ GRAND HIGHWAY

0 10 40 Feet

MATCHLINE SHT. T-14

MATCHLINE SHT. T-15

GRAND HIGHWAY

U.S. 27 (S.R. 25)

CITRUS TOWER BLVD

1861 1863 1864 1865 1866 1867 1869

PC STA. 1863+59.59

L-1 L-2A L-2B L-2C L-2D L-2E L-2F L-4 L-4R L-5 L-6A L-6B L-6C L-6D L-6E L-6F L-7 L-8

EL 212.4 EL 212.8

PROPOSED 3-SECTION SIGNAL HEAD TO BECOME FUTURE 5-SECTION

PROPOSED 4-SECTION SIGNAL HEAD TO BECOME FUTURE 5-SECTION

ALL EXISTING 3-SECTION SIGNAL HEADS TO BE RELOCATED

EXISTING POLE B AND SPAN WIRE ASSEMBLY TO REMAIN IN SERVICE (MODIFY SPAN TO ACCOMODATE RELOCATED HEADS)

PLANTED LANDSCAPE AREA

TOP OF BANK

TOE OF SLOPE

OH (PE W/FOC-L)

8" SAN (VC)

8" WATER (AC)

6" WATER (AC)

2" GAS (STEEL)

1.9" BFO (BRDWNG)

BT (150 PR)

BT (200 PR)

BT (300 PR)

18" RCP

CONTROLLER NOTES:

1. MAJOR STREET IS U.S.27. MINOR STREET IS CITRUS TOWER BOULEVARD/GRAND HIGHWAY.
2. LOOPS L1, L3, L4, L4R, L5, L7 AND L8 SHALL BE TYPE 'F' 6' x 40' QUADRAPOLE LOOPS AND SHALL EXTEND (5') BEYOND STOP LINE.
3. FLASHING OPERATION: MOVEMENTS 2 AND 6 YELLOW ALL OTHERS RED.
4. LOOPS SHALL BE CONNECTED TO EXISTING AMPLIFIERS AT THE CONTROLLER.

DETECTORS FOR LOOPS

LOOP	NO. OF LOOPS	NO. OF DETS.	SIZE	DETECTOR OPERATION	TIMING FUNCTION	SECONDS OF DELAY	SECONDS OF EXTENSION
L1	1	-	6' x 40'	NORMAL	1	--	--
L2A L2B L2C	3	-	6' x 6'	NORMAL	2	--	--
L2D L2E L2F	3	-	6' x 6'	NORMAL	2	--	--
L3	1	-	6' x 40'	NORMAL	3	--	--
L4	1	-	6' x 40'	NORMAL	3	--	--
L4R	1	-	6' x 40'	DELAY	5	5	--
L5	1	-	6' x 40'	NORMAL	5	--	--
L6A L6B L6C	3	-	6' x 6'	NORMAL	6	--	--
L6D L6E L6F	3	-	6' x 6'	NORMAL	6	--	--
L7	1	-	6' x 40'	NORMAL	3	--	--
L8	1	-	6' x 40'	DELAY	3	5	--

CONTROLLER TIMING CHART

TIMING PARAMETER	TIMING FUNCTION	1	2	3	5	6
	MOVEMENT NO.	①	②	③+⑧	⑤	⑥
	DIRECTION	NBL	SB	EB/WB	SBL	NB
	MIN. GREEN (INITIAL)	5	15	5	5	15
	EXTENSION (PASSAGE)	3	3	3	3	3
	MAX. GREEN	8	56	38	18	46
	MAX. II GREEN	8	56	38	21	43
	YELLOW CHANGE	4.0	4.5	4.0	4.0	4.5
	RED CLEARANCE	2.0	1.5	2.0	2.0	1.5
	PED. WALK	-	7	5	-	7
	FLASH DON'T WALK	-	15	33	-	21
	RECALL	-	MIN	-	-	MIN
	DETECTOR FUNCTION	NL	L	NL	NL	L

SOP 7

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 25	LAKE	238424-1-52-01

SIGNALIZATION PLAN U.S. 27 (S.R. 25) AND CITRUS TOWER BLVD/GRAND HIGHWAY

SHEET NO. T-5

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