SHEET NO. SHEET DESCRIPTION

KEY SHEET
TABULATION OF QUANTITIES AND SIGNALIZATION MODIFICATION PLAN NOTES
SIGNALIZATION MODIFICATION PLAN
EXISTING CONDUIT AND PULL BOXES

12 11 Pine Ridge Rd. 898 **PROJECT** LOCATION

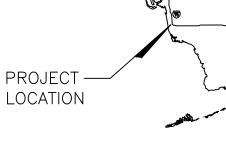
MAY 10, 2013

FINAL PLANS

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS BOOKLET (LATEST VERSION),
THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION,
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST VERSION), AND COLLIER COUNTY TRAFFIC TECHNICAL SPECIAL PROVISIONS (JULY 2012).

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

INVESTIGATE BEFORE YOU EXCAVATE "CALL SUNSHINE" 1-800-432-4770



PREPARED FOR:

COLLIER COUNTY TRANSPORTATION ENGINEERING DEPARTMENT-TRAFFIC OPERATIONS

2885 SOUTH HORSESHOE DRIVE NAPLES, FLORIDA 34104 (239) 774-8192

COLLIER COUNTY TRANSPORTATION ENGINEERING DEPARTMENT-TRAFFIC OPERATIONS

2885 SOUTH HORSESHOE DRIVE NAPLES, FLORIDA 34104 (239) 774-8192

PREPARED BY:

TINDALE-OLIVER AND ASSOCIATES, INC. 1000 NORTH ASHLEY DRIVE, SUITE 400 TAMPA, FLORIDA 33602 (813) 224-8862

ENGINEER OF RECORD:

WILLIAM T. "WT" BOWMAN, P.E. 69132 P.E. NUMBER

<u>5/10/2013</u> DATE

SHEET

T-1

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SUMMARY OF PAY ITEMS				
ITEM No.	DESCRIPTION	UNIT	T-3	TOTAL
101-1	MOBILIZATION	LS	1	1
102-1	MAINTENANCE OF TRAFFIC	LS	1	1
555-1-1	DIRECTIONAL BORE (LESS THAN 6")	LF	45	45
630-1-12	CONDUIT, UNDERGROUND, F&I	LF	55	55
632-7-1	SIGNAL CABLE, F&I	PI	1	1
635-1-11	PULL BOXES, F&I	EA	2	2
646-1-11	ALUMINUM SIGNAL POLE, F&I, (ALUMINUM PEDESTAL)	EA	1	1
650-1-311	TRAFFIC SIGNAL, F&I, (3-SECTION, 1-WAY, VERTICAL)	AS	1	1
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	1	1
670-5-410	CONTROLLER MODIFICATION	AS	1	1
700-48-18	SIGN PANEL, F&I, (LESS THAN 15 S.F.)	EA	1	1

* PAY ITEM NUMBERS BASED ON 2012 BASIS OF ESTIMATES. XX PENDING COORDINATION WITH FPL

LEGEND

LF = LINEAR FOOT
EA = EACH
PI = PER INTERSECTION
AS = ASSEMBLY

FM = FIELD MEASURE PQ = PLAN QUANTITY SF = SQUARE FEET

GENERAL NOTES

- 1. THE IMPLEMENTATION OF THE SIGNALIZATION PLANS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION OF THE MINIMUM SPECIFICATIONS FOR TRAFFIC CONTROL SIGNAL DEVICES, THE LATEST EDITION OF THE FDOT DESIGN STANDARDS, AND THE COLLIER COUNTY SIGNALIZATION TECHNICAL SPECIAL PROVISIONS (JULY 2012), EXCEPT AS MODIFIED HEREIN.
- 2. THE MAINTAINING AGENCY IS COLLIER COUNTY. CONTRACTOR SHALL CONTACT COLLIER COUNTY TRAFFIC OPERATIONS PROJECT MANAGER SEVEN DAYS PRIOR TO BEGINNING WORK.

TRAFFIC OPERATIONS PROJECT MANAGER COLLIER COUNTY 2885 HORSESHOE DRIVE SOUTH NAPLES, FLORIDA 34104 PH: (239) 252–8260

- 3. THE CONTRACTOR SHALL NOTIFY THE "SUNSHINE STATE ONE CALL" NOTIFICATION CENTER NOT LESS THAN 48 HOURS, NOR MORE THAN FIVE DAYS IN ADVANCE OF ANY OF THE CONTRACTOR'S WORK ACTIVITY WHICH MAY IMPACT ANY UTILITY FACILITY. CALL "SUNSHINE STATE ONE CALL" AT 1 (800) 432-4770. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR HAVING UNDERGROUND CABLE AND UTILITIES LOCATED AND IDENTIFIED BY PROPER AUTHORITIES AT CONSTRUCTION SITES. THE COLLIER COUNTY TRAFFIC OPERATIONS SECTION SHALL ALSO BE CONTACTED NOT LESS THAN 48 HOURS IN ADVANCE FOR STREET LIGHT AND TRAFFIC SIGNAL LOCATES. CALL (239) 252-8492 FOR LOCATES.
- 4. CONTRACTOR SHALL COORDINATE UTILITY LOCATES AND ANY RELOCATIONS AS REQUIRED.
- 5. AT THE TIME OF FINAL INSPECTION OF THE PROJECT, THE CONTRACTOR SHALL FURNISH THE PROJECT ENGINEER AND THE MAINTAINING AGENCY WITH TWO COMPLETE SETS OF "AS-BUILT" PLANS.
- 6. THE INTENT OF THESE PLANS IS TO PROVIDE A COMPLETE ACCEPTABLE WORKING INSTALLATION. ANY INCIDENTAL ITEMS REQUIRED TO COMPLETE THIS INSTALLATION SHALL BE INCLUDED IN THE PAY ITEMS ESTABLISHED.

PAY ITEM NOTES

- 1. 101-1: THIS ITEM SHALL INCLUDE ALL ITEMS OF MOBILIZATION TO COMPLETE ALL WORK SPECIFIED WITHIN THESE PLANS.
- 2. 102-1:
 THIS ITEM SHALL INCLUDE ALL ITEMS OF MAINTENANCE OF TRAFFIC TO COMPLETE ALL WORK SPECIFIED WITHIN THESE PLANS.
- 3. 630-1-12:
 CONDUIT SHALL BE ENCASED IN SAND CEMENT IN AREAS WHERE A MINIMUM DEPTH OF 30 INCHES CANNOT BE MET, COORDINATE WITH COLLIER COUNTY PRIOR TO INSTALLATION AT A DEPTH LESS THAN 30 INCHES.
- 4. 632-7-1: THE COLOR CODE OF SIGNAL CABLE SHALL BE VERIFIED WITH COLLIER COUNTY.

TRAFFIC SIGNAL CABLE PROVIDING POWER TO VEHICULAR AND PEDESTRIAN SIGNAL HEADS SHALL NOT BE INSTALLED IN THE SAME CONDUIT CONTAINING LOOP LEAD-INS AND PEDESTRIAN DETECTOR CABLES.

- 5. 635-1-11:
 PULL BOXES ARE TO BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, THEN PULL BOXES SHALL BE PLACED A MINIMUM OF 7' FROM THE EDGE OF PAVEMENT.
- 6. 646-1-11:
 SIGNAL HEADS MOUNTED ON PEDESTALS SHALL BE INSTALLED USING BREAKAWAY ALUMINUM SQUARE BASE ASSEMBLIES WITH ALUMINUM DOORS.

ALUMINUM BASE ASSEMBLIES SHALL INCLUDE A PELCO PRODUCTS, INC. OR APPROVED EQUIVALENT LOCKING COLLAR.

. 650-1-311:
THIS ITEM SHALL INCLUDE ALL SUPPORTING HARDWARE NECESSARY TO MOUNT ON ALUMINUM PEDESTAL. (ATTACHMENT CABLES SHALL BE STAINLESS STEEL ONLY).

SIGNAL HEAD RED. YELLOW, AND GREEN SECTIONS SHALL BE APPROVED LED TYPE.

PREPARED BY: PREPARED FOR: REVISIONS NAME DATE 8 DATE BY COLLIER COUNTY TRANSPORTATION ENGINEERING DESIGNED S.T.M. 05/13 TINDALE-OLIVER AND ASSOCIATES, INC. DEPARTMENT-TRAFFIC OPERATIONS DRAWN L.M.M. 1000 N. ASHLEY DR., SUITE 400 TAMPA, FLORIDA 33602 2885 SOUTH HORSESHOE DRIVE NAPLES, FLORIDA 34104 CHECKED W.T.B. SUPERVISED W.T.B.

LM.M. 05/13
W.T.B. 05/13
SIGNAL MODIFICATION PLAN NOTES

PINE RIDGE ROAD AT FOREST LAKES BOULEVARD

T - 2

SHEET NO.

OF T-4 SHEETS

00.13 Pine Ridge Rd @ Forest Lakes Blvd Signal Mod\Design\100%\Plans\T-2_011013.dwg 5/7/21

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39\211008-00.13 Pine Ridge

