PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date:	August 20, 2024	[X] Consent [] Ordinance	[] Regular [] Public Hearing
Department:	Engineering & Public	Works	
Submitted By:	Engineering & Public	Works	
Submitted For:	Traffic Division		

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

- A) Amendment No. 1 to the Annual Traffic Signal Construction Contract (R2022-0791), dated August 23, 2022 (Contract) with Gerelco Traffic Controls, Inc. (Gerelco) to increase the Contract amount by \$5,000,000; and
- **B)** Work Order G-24 in the amount not to exceed \$571,218.31 to the Contract to construct a new mast arm traffic signal at the intersection of Belvedere Road and Cleary Road, Palm Beach County (County) Intersection ID Number 29063 (Project).
- C) A Budget Amendment of \$200,000 in the County Transport Trust to recognize reimbursement funding from Village at Banyan Ridge LLC (Banyan Ridge) and appropriate it to the Project.

SUMMARY: On August 23, 2022, the Board of County Commissioners (BCC) approved the Contract with Gerelco to provide for and install various signal components for traffic control devices. Approval of this Amendment will increase the Contract amount from \$5,000,000 to \$10,000,000. The increased Contract amount is based on updated estimates that exceed the current Contract amount to be expended throughout the County by the user departments. Section 3 of the Special Provisions in the Contract allows for Gerelco to amend the Contract amount while adhering to all other original terms, conditions and unit prices of the Contract. The current Contract will expire August 22, 2025.

Approval of this Work Order will allow Gerelco to construct the Project. Per County PPM CW-F-050, this Work Order exceeds the threshold relating to staff approvals of work orders to annual contracts, thus requiring approval from the BCC. Prior to this Work Order, \$3,172,053.00 of Gerelco's \$5,000,000 Contract has been spent or encumbered. Gerelco has an office located in the County. On January 20, 2022, the Office of Equal Business Opportunity (OEBO) granted a waiver of the Affirmative Procurement Initiative (API) based upon the determination that sufficient qualified Small/Minority/Women Business Enterprises (S/M/WBE) providing the goods or services required by the Contract are unavailable in the County to perform the specialized construction of traffic signals. Pursuant to Condition E.5 of Resolution R2019-0257, Banyan Ridge provided \$200,000 to the County as required for the cost of a mast arm traffic signal when warranted. In 2022, the Engineering and Public Works Department (EPW) determined the signal to be warranted and estimated the Project costs to be \$571,218.31. District 2 (WBH)

Background and Justification: After reviewing the attached Amendment and Work Order, and finding them in proper order, EPW recommends approval by the BCC. Gerelco is to construct the Project in accordance with the Work Order. The construction cost not to exceed \$571,218.31 includes a contingency of \$131,819.61.

Attachments:

- 1. Location Sketch
- 2. Annual Traffic Signal Construction Contract Amendment 1 and Ebix Insurance Compliance (3)
- 3. Work Order with Exhibit A
- 4. Office of Equal Business Opportunity Waiver
- 5. Budget Amendment

2/2024
24
•

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028	
Capital Expenditures	\$ 571,219	-0-	-0-	-0-	-0-	
Operating Costs	-0-	-0-	-0-	-0-	-0-	
External Revenues	(\$ 200,000)	-0-	-0-	-0	-0-	
Program Income (County)	-0-	-0-	-0-	-0-	-0-	
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-	
NET FISCAL IMPACT	\$ 371,219	-0-	-0-	-0-	-0-	
# ADDITIONAL FTE						
POSITIONS (Cumulative)		-0-	-0-	-0-	-0-	
Is Item Included in Current Budget?						
Is this item using Federal Funds? Yes No ✓						

Is this item using State Funds?

Budget Account No:

Fund 3500 Dept 361 Unit 2004-024 Object 6408

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvmt Fund Traffic Signals - County wide Belvedere Rd & Cleary Rd (TS-29063)

A) Amendment No. 1 to the Annual Traffic Signal Construction Contract (R2022-0791)

				Prior		Encumbered	/	New Allocation		Total
				Allocation		Expended				Available
Engineering	& I	Public V	Works	\$5,000,000	<	<\$3,387,455>		\$5,000,000	\$6	6,612,545

^{**}Allocations are a not to exceed amount and can be expended from various accounting lines for various projects where budget is available. Work is to be performed on a task order basis.

B) Work Order G-24 - New mast arm traffic signal at the intersection of Belvedere Road and Cleary Road

Construction Contract \$ 439,398.70 Contingency \$ 131,819.61 Revenue - Village of Banyan Ridge LLC \$(200,000.00) Fiscal Impact \$ 371,218.31

Note: External Revenue Received from Village at Banyan Ridge LLC \$200,000 FY22

C.	Departmental Fiscal Review:	Dany	Rambulsing	

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

B. Approved as to Form and Legal Sufficiency: Contract Dev. and Control

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



AMENDMENT NO. 1 TO THE ANNUAL TRAFFIC SIGNAL CONSTRUCTION CONTRACT BY AND BETWEEN PALM BEACH COUNTY AND GERELCO TRAFFIC CONTROLS, INC. PROJECT #2022052

This Amendment No. 1 (AMENDMENT) to the Annual Traffic Signal Construction Contract (R2022-0791), dated August 23, 2022, (CONTRACT), is made and entered into on ______, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY), and Gerelco Traffic Controls, Inc., a Florida for Profit Corporation (CONTRACTOR) whose Federal ID is 90-0174266 (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and CONTRACTOR entered into the CONTRACT on August 23, 2022 (R2022-0791); and

WHEREAS, Section 3 of the Special Provisions of the CONTRACT allows for extensions and other contract deviations upon mutual written agreement through a Board approved Contract Amendment, while adhering to all other original terms, conditions and unit prices of the CONTRACT; and

WHEREAS, by this AMENDMENT, the CONTRACTOR and the COUNTY mutually agree to amend the CONTRACT, as provided herein.

NOW, THEREFORE, in consideration of the mutual covenants, promises, and agreements herein contained, the Parties agree as follows:

- 1. The above recitations are true and correct and incorporated herein.
- 2. The CONTRACT is hereby amended to increase the amount by \$5,000,000, from \$5,000,000 to \$10,000,000.
- 3. It is the intent of the Parties hereto that this AMENDMENT shall not become binding until the date executed by the COUNTY.
- 4. Except as hereby amended, changed or modified, all other provisions of the CONTRACT shall remain in full force and effect.

Project # 2022052

Page 1 of 4

Amendment # 1

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this AMENDMENT to the CONTRACT on behalf of the COUNTY, and CONTRACTOR has hereunto set its hand the day and year above written.

AND CONDITIONS		
By: Motasem Al-Turk, P.E. Director of Traffic Division		
CONTRACTOR: Gerelco Traffic Controls, Inc.	ATTEST WITNESS:	
Kenneth A. Geremia, Jr., President	Signature	
	Name (type or print)	
(Corp. Seal)		
	Signature	
	Name (type or print)	

OWNER:

APPROVED AS TO TERMS

{SIGNATURE PAGES CONTINUED}

ATTEST: Joseph Abruzzo Clerk of the Circuit Court & Comptroller	COUNTY: Palm Beach County, a Political the State of Florida, by and throu County Commissioners	
By: Deputy Clerk	By: Maria Sachs, Mayor	
APPROVED AS TO FORM AND LEGAL SUFFICIENCY	(Seal)	
By:		
June 2002 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022 12022	al and and 24/22052	
n:\roa(hvay\pro\2022\2022052 annual signal\S	change orders\2<)22052 anieudinenl l.di	9CX
Project # 2022052	Page 3 of 4	Amendment # 1



Palm Beach County Compliance Summary Report

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage
DX00000601	Gerelco Traffic Control Inc.	Modified	Compliant				
		A++g , XV	Travelers Indemnity Company of America	810R216424	9/1/2023	9/1/2024	Auto Liability
		A++g , XV	Travelers Indemnity Company of America	CUP6S401289	9/1/2023	9/1/2024	Excess Liability
		A++g , XV	Travelers Indemnity Company of America	DTCO3R184643	9/1/2023	9/1/2024	General Liability
		A+r , IX	Bridgefield Casualty Insurance Company	1965155110103	9/1/2023	9/1/2024	Workers Comp

Risk Profile:

Standard - Construction Services

Required Additional Insured: Palm Beach County Board of County Commissioners

Ownership Entity:

WORK ORDER G-24 TO THE ANNUAL TRAFFIC SIGNAL CONSTRUCTION CONTRACT (R2022-0791) BETWEEN PALM BEACH COUNTY AND GERELCO TRAFFIC CONTROLS, INC. TO CONSTRUCT A MAST ARM TRAFFIC SIGNAL AT THE INTERSECTION OF BELVEDERE ROAD AND CLEARY ROAD, PALM BEACH COUNTY INTERSECTION ID NUMBER 29063, SIGNAL PROJECT NUMBER 2022-723, PALM BEACH COUNTY, FLORIDA

THIS WORK ORDER TO THE ANNUAL TRAFFIC SIGNAL CONSTRUCTION CONTRACT DATED AUGUST 23, 2022 (R2022-0791), is made and entered into this _____ day of ______, 2024, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY), and GERELCO TRAFFIC CONTROLS, INC., a Florida corporation with an address of 560 NW Enterprise Drive, Port Saint Lucie, FL 34986 (CONTRACTOR).

WITNESSETH

WHEREAS, on August 23, 2022, COUNTY and CONTRACTOR entered into an Annual Contract (R2022-0791) (CONTRACT) to provide for the furnishing and installation of various signal components for traffic control devices on a work order basis; and

WHEREAS, COUNTY desires CONTRACTOR to construct a mast arm traffic signal at the intersection of Belvedere Road and Cleary Road, Palm Beach County Intersection ID Number 29063, (PROJECT); and

WHEREAS, CONTRACTOR agrees to construct the PROJECT in accordance with the terms and conditions of the CONTRACT, as directed and accepted by the COUNTY; and

WHEREAS, pursuant to the CONTRACT, a cost not to exceed \$571,218.31 has been calculated by COUNTY and found to be appropriate compensation for the services to be performed by CONTRACTOR to construct the PROJECT.

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits to flow from each to the other, the parties hereto agree as follows:

- 1. The above recitals are true and correct and incorporated herein.
- 2. CONTRACTOR agrees to provide services for the PROJECT in accordance with the CONTRACT and as further described in Exhibit A.
- 3. **COUNTY** agrees to pay the **CONTRACTOR** a fee not to exceed \$571,218.31 to construct the **PROJECT**. Final payment shall be per documented quantities installed.

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this Work Order for the PROJECT, pursuant to the CONTRACT, on behalf of the COUNTY, and CONTRACTOR has hereunto set its hand the day and year above written.

OWNER:	CONTRACTOR:
Palm Beach County, a political subdivision of the State of Florida by and through its Board of County Commissioners	Gerelco Traffic Controls, Inc., a Florida Corporation
BY: Maria Sachs, Mayor	BY: Kenneth A. Geremia, Jr. Vice President
ATTEST: Joseph Abruzzo Clerk of the Circuit Court & Comptroller BY: Deputy Clerk	CORPORATE SEAL
COUNTY SEAL	WITNESS:
	BY:
APPROVED AS TO TERMS AND CONDITIONS BY: Motarin Alt. 1	(Printed Name)
Motasem Al-Turk Traffic Division, Director	BY:
APPROVED AS TO FORM & LEGAL SUFFICIENCY:	(Printed Name)
BY:	

Assistant County Attorney

PALM BEACH COUNTY ENGINEERING & PUBLIC WORKS TRAFFIC DIVISION WORK ORDER / ANNUAL CONTRACT R2022-0791

PROJECT NAME: <u>Bel</u>	vedere Road and	Cleary Road		
<u>(PE</u>	BC Intersection 25	9063)		
BUDGET LINE ITEM	•			
KDO NUMBER: EN04	11624*175			
PBC ENGINEERING	ANNUAL SIGN	AL CONTRAC	Г NUMBER: <u>2022-0791</u>	
PBC ENGINEERING	PROJECT NUM	BER: N/A		
PBC TRAFFIC DIVIS	ION SIGNAL PE	ROJECT NUMB	ER: <u>2022-723</u>	
WORK ORDER NUM	BER: <u>G-24</u>			
DATE:	COMMIS	SION DISTRIC	T: 2	
TO: Kenneth A. Geren	nia, Jr., Gerelco T	Traffic Controls,	<u>Inc.</u>	
	and services: Prov	vide for the furni	gust 23, 2022, you are direct shing and installation of a mated 12/04/2023.	•
The above work shall 29063).	be performed a	nt: <u>Belvedere Ro</u>	oad and Cleary Road (PBC	C Intersection
STARTING: The con	tract duration fo	or this work is 2	210 days. A separate Notic	ce to Proceed
("NTP") letter will be	issued directing t	he contractor to	commence work within the	time specified
in the NTP letter. The	total amount of	this Work Order	, at the contract prices, is e	stimated to be
\$571,218.31, which in	cludes \$131,819	.61 contingency	(see attached Bidtab for qu	uantities). The
Office of Equal Busine	ess Opportunity v	vaived the API F	Requirements (see attached.))
This work shall be coo	rdinated by, (48)	hours prior notic	e to commencement of wor	k):
Fattoush Jafar, P.E., Pl Name	h.D, Traffic En	ngineering & Op	perations Manager (561) 68 Telepho	
Please indicate your re	eceipt of this Wor	k Order by signi	ing and returning a duplicate	е сору.
Name Kenneth A. Ge	remia. Jr.	Title		Telephone
Please sign below and Project completed in c				
Signature	T	itle	Telepho	one



GERELCO BIDTAB CONTRACT #2022052

DATE:

12/4/2023

SIGNAL PROJECT #:

INTERSECTION:

Belvedere Rd & Cleary Rd (New Mastarm Signal)

INTERSECTION NO.#

29063

ITEM NO.#	PRODUCT NAME	QTY	PRICE	LINE TOTAL
102-1-A	GENERAL MAINTENANCE OF TRAFFIC - [HR] [F&I]	16	\$121.00	\$1,936.00
630-2-11-2	2" PVC (SCH 40) UNDERGROUND CONDUIT - [LF] [F&I]	320	\$8.30	\$2,656.00
630-2-12-2-1	1-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) - [LF] [F&I]	395	\$25.00	\$9,875.00
630-2-12-2-2	2-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) - [LF] [F&I]	315	\$29.00	\$9,135.00
630-2-12-2-3	3-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) - [LF] [F&I]	365	\$33.00	\$12,045.00
630-2-12-2-5	5-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) - [LF] [F&I]	270	\$45.00	\$12,150.00
630-2-14-1	1" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED - [LF] [F&I]	50	\$33.20	\$1,660.00
632-7-1-19D	SIGNAL CABLE (SPAN LENGTH 451' - 550') - [PI] [F&I]	1	\$7,200.00	\$7,200.00
632-7-1-4	SIGNAL CABLE - 4 CONDUCTOR - [LF] [F&I]	548	\$5.40	\$2,959.20
632-7-1-7	SIGNAL CABLE - 7 CONDUCTOR - [LF] [F&I]	720	\$5.70	\$4,104.00
635-2-12-A	PULL BOX (17" x 30" x 12"D) HEAVY DUTY COVERS (TIER 15) - [EA] [F&I]	30	\$1,000.00	\$30,000.00
635-2-12 - C	PULL BOX (30" x 48" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15) - [EA] [F&I]	1	\$3,500.00	\$3,500.00
635-2-12-D	PULL BOX (17" x 30" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15) - [EA] [F&I]	2	\$2,200.00	\$4,400.00
639-1-121	ELECTRICAL POWER SERVICE WITH METER BASE (UNDERGROUND) METER FURNISHED BY POWER COMPANY - [AS] [F&I]	1	\$1,325.00	\$1,325.00
639-2-1-3	ELECTRICAL SERVICE WIRE (SINGLE PHASE 3-WIRE, TRIPLEX) - [LF] [F&I]	395	\$5.50	\$2,172.50
639-3-11	ELECTRICAL SERVICE DISCONNECT (BREAKER BOX, SHEET T 6.2 OF PBC STANDARDS) - [EA] [F&I]	1	\$885.00	\$885.00
641-2-12-12	PRESTRESSED CONCRETE POLE (12' TYPE P-II) - [EA] [F&I]	1	\$1,250.00	\$1,250.00
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL WITH TRANSFORMER BASE (8 FEET ABOVE GROUND) - [EA] [F&I]	6	\$1,580.00	\$9,480.00
649-22-6L	MAST ARM ASSEMBLY WITH STREET LIGHT, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 50' (A50/S-P3/S/L) - [EA] [F&I]	2	\$39,712.00	\$79,424.00
649-22-10L-HD	MAST ARM ASSEMBLY WITH STREET LIGHT, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 60' HEAVY DUTY (A60/S-P4/S/L-HD) - [EA] [F&I]	İ	\$45,718.00	\$45,718.00

DATE:

12/4/2023

SIGNAL PROJECT #:

INTERSECTION:

Belvedere Rd & Cleary Rd (New Mastarm Signal)

INTERSECTION NO.#

29063

ITEM NO.#	PRODUCT NAME	QTY	PRICE	LINE TOTAL
649-22-15L-HD	MAST ARM ASSEMBLY WITH STREET LIGHT, FURNISH AND INSTALL ON EXISTING FOUNDATION, SINGLE ARM 70' HEAVY DUTY (A70/S-P5/S/L-HD) - [EA] [F&I]	1	\$50,074.00	\$50,074.00
649-2-14-45	DRILLED SHAFT FOUNDATION ASSEMBLY, 14' DEEP AND 4.5' DIAMETER, FURNISH AND INSTALL (DS/14/4.5) - [EA] [F&I]	1	\$16,000.00	\$16,000.00
649-2-16-45	DRILLED SHAFT FOUNDATION ASSEMBLY, 16' DEEP AND 4.5' DIAMETER, FURNISH AND INSTALL (DS/16/4.5) - [EA] [F&I]	1	\$18,500.00	\$18,500.00
649-2-18-50	DRILLED SHAFT FOUNDATION ASSEMBLY, 18' DEEP AND 5.0' DIAMETER, FURNISH AND INSTALL (DS/18/5.0) - [EA] [F&I]	1	\$18,500.00	\$18,500.00
649-2-20-50	DRILLED SHAFT FOUNDATION ASSEMBLY, 20' DEEP AND 5.0' DIAMETER, FURNISH AND INSTALL (DS/20/5.0) - [EA] [F&I]	1	\$20,000.00	\$20,000.00
650-1-13	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 1-WAY) INCLUDES BACKPLATES - [AS] [F&I]	10	\$1,100.00	\$11,000.00
650-1-14	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY) INCLUDES BACKPLATES - [AS] [F&I]	2	\$1,350.00	\$2,700.00
653-191	PEDESTRIAN SIGNAL - COUNT DOWN (1-WAY) ALUMINUM - [EA] [F&I]	6	\$800.00	\$4,800.00
660-2-106-B	LOOP ASSEMBLY (TYPE F - 46') [EA] [F&I]	13	\$2,450.00	\$31,850.00
670-5-310-A	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6 - INSTALL ONLY) - [AS] [I]	1	\$9,500.00	\$9,500.00
700-5-21	INTERNALLY ILLUMINATED SIGN (6') FLUORESCENT - [EA] [F&I]	2	\$1,850.00	\$3,700.00
700-5-22	INTERNALLY ILLUMINATED SIGN (8') FLUORESCENT - [EA] [F&I]	2	\$2,150.00	\$4,300.00
715-5-32	LUMINAIRE AND BRACKET ARM - GALV STEEL - [EA] [F&I]	4	\$1,350.00	\$5,400.00
665-1-31	Pedestrian Detector (Push Button) - Install Only - [EA] [I]	6	\$200.00	\$1,200.00

TOTAL:

\$439,398.70

Comments:

Subtotal: \$439,398.70 + \$131,819.61 (30% Contingency) Grand Total: \$571,218.31

COUNTY OF PALM BEACH STATE OF FLORIDA

SIGNALIZATION PLANS

BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063

STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS LATEST EDITION AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION, FEBRUARY 2021 PALM BEACH COUNTY TYPICALS FOR PAVEMENT MARKINGS. SIGNING, AND GEOMETRICS, 2022 PALM BEACH COUNTY TRAFFIC SIGNAL INSTALLATION STANDARDS AND DETAILS, AS AMENDED BY CONTRACT DOCUMENTS.

INDEX OF SHEETS

DESCRIPTION

TABULATION OF QUANTITIES

PAVEMENT MARKING PLAN

PROJECT LOCATION-

KEY SHEET

GENERAL NOTES

SIGNAL DETAILS

SIGNALIZATION PLANS

MAST ARM TABULATION

MAST ARM ASSEMBLIES

SHEET No.

T-1

T-2

T-3

T-5A

T-6 T - 7

T - 8

T-4 & T-5

MAINTENANCE OF TRAFFIC: FOR INDEX #'S USE F.D.O.T. STANDARD PLANS 102-600, 601, 602, 603, 604, 613, 615, 660 & 661

APPLICABLE DESIGN STANDARDS REVISIONS: For Design Standards Madifications click on "Design Standards" at the following web site: https://www.fdot.gov/design/standardplans/current



SEC. 33, TWP. 43S., RGE. 42E.

BELVEDERE ROAD = 50 M.P.H. SPEED LIMIT

CLEARY ROAD = 40 M.P.H. SPEED LIMIT

90% PLANS

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED BY EMAIL TO:

TRICIA@SIMMONSANDWHITE.COM

PLANS PREPARED BY:

SIMMONS & WHITE, INC. 2581 METROCENTRE BLVD WEST, SUITE 3 WEST PALM BEACH, FL 33407

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THE ATTACHED PLANS AND DESIGN ARE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS DATE FOR PAIM BEACH COUNTY ENGINEERING DEPARTMENT AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.

DATE: _____ PROFESSIONAL ENGINEER #56925 .

PATRICIA BARR, P.E.

PATRICIA MARIE BARR, P.E., STATE OF FLORIDA PROFESSIONAL ENGINEER, LICENSE NO. 56925 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PATRICIA MARIE BARR, P.E. ON 12/22/2023.

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

Digitally signed by Patricia Barr 2023.12.22 10:12:18 -05'00

Date:

SIMMONS

BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 KEY SHEET

T-1 T-8

C.O.

PBC PAY ITEM NO. 101-1 102-1-A 110-1-1 327-70-1 337-2-82	DESCRIPTION MOBILIZATION/DE MOBILIZATION MOT	UNIT	DIAM	4	1 7	-5		SA.		SHEET	10		SHE
102-1-A 110-1-1 327-70-1 337-7-82				FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	ANAL	-
120-1-1 927-70-1 937-2-82	MOT	15							1		1		
27-70-1 137-7-112		15							1		1		
137-2-112	CLEARING AND GRUBBING	15							1		1		
	MILL EXISTING ASPHALT PAVEMENT (L")	SY					1937		1937		1937		
22-1	ASPIIALT CONCRETE FRICTION COURSE [1"] (TRAFFIC C., FC-9.5, PG 76-22)	TN					105.5		106.5		108.5		
	CONCRETE SIDEWALK 4"	SY					53		53		53		
527-2	DETECTABLE WARNINGS IF & II	SF					G		63		63		
530-2-11-2	2" PVC (SCH 4G) UNDERGROUND CONDUIT (F & 1)	LF.	320						320		320		
30-2-12-2-1	1-2" (HDPE SOR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) (F	Tè	395						395		395		
30-2-12-2-2	2-2" (HOPE SDR 11) UNDER PAVENENT CONDUIT (DIRECTIONAL BORE) (F & II	4.F	245						245		245		
30-2-12-2-3	3-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) (F	1,F	635						635		635		
30-2-12-2-5	5-2" [HIDPE SDR 11] UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE) (F	t.	135						135		135		
22.2.4.4	SAI	15	50		_	-	-			-	50	-	
	1" RIGID CONDUIT BIOT DIPPED GALVANIZED), (SURFACE MOUNTED)	£F		-	_	-			50	_			-
	PEDESTRIAN SIGNAL CABLE - 4 CONDUCTOR (F. & I)	61	1		_			-	1	-	1	-	-
32-7-1-7A	PEDESTRIAN SIGNAL CABLE - 7 CONDUCTOR F & #	P1	1		_	_		-	1		1		
	SIGNAL CABLE SPAN LENGTH 751' - GREATER)	P1	1						1		1		
	FIBER OPTIC CASLE (F&4) (LINDERGROUND) (12 FIBERS)	£F	250						250		256		
	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA	12						12		12		
33-3-12	FIBER OPTIC CONNECTION HARDWARE (FILL) (SPLICE TRAY)	EA	1						1		1		
35-2-12-A	PULL BOX (17" x 30" x 12"D) HEAVY DUTY COVERS (THER 22) IF &4	EA	36						30		30		
35-2-12-C	PULLBOX (30" x 48" x 24" D) HEAVY DUTY COVERS (TIER 22) (FEE)	A3	1						1		1		
35-2-12-0	PULL BOX (17" x 30" x 24" D) HEAVY DUTY COVERS (ITS) (TER 22) (F &I)	EA	2			- 1			2		2		
39-1-121	ELECTRICAL FOWER SERVICE WITH METER BASE (UNDERGROUND) METER	AS	1						1		1		$\overline{}$
-1.0.3.00	Furnished by power company Electrical service wire (single phase 3-vore, triplex) (4 Awg) (f &	LF	305						305	-	395		
	II ELECTRICAL SERVICE DISCONNEST (BREAKER BOX, SHEET T 6.2 OF PBC				-						200		-
29-3-11	STANDAROS) (F & i)	EA	1						1		1		
	PRESTRESSED CONCRETE POLE (16 TYPE 9-W # & 1)	EA	1						1		1		
46-1-11	aliiminim signals pole, pedestal with transformer base & feet above ground) if & II	EA	6						6		6		
49-2-14-45	DRILLED SHAFT FOUNDATION ASSEMBLY, 14" DEEP AND 4.5" DIAMETER. FURNISH AND DISTALL (DB/1A/4.5)	EA	1						1		1		
49-2-16-45	DRILLED SHAFT FOUNDATION ASSEMBLY, 16" DEEP AND 4.5" DIAMETER, FURNISH AND INSTALL [DS/16/4.5]	EA	1						1		1		
	DRILLED SHAFT FOUNDATION ASSEMBLY, 18' DEEP AND 5.0' DIAMETER, FURNISH AND INSTALL (05/18/5.0)	EA	1					6	1		1		
69.3.20.50	PRILLED SHAFT FOUNDATION ASSEMBLY, 20" DEEP AND 5.0" DIAMETER. FURNISH AND INSTALL [DS/20/5.0]	EA	1						1		1		
69.77.49	MAST ARM ASSEMBLY WITH STREET LIGHT, FURNISH AND INSTALL ON	EA	2						2		2		
	Existing foundation, single arm 50 (a5d/s-P9/s/l) Mast arm assembly with street light, furnish and install on											-	_
	ENSTING FOUNDATION, SINGLE ARM 60 (AGG/S-P4/S/L)	£A.	1						1		1		_
	MAST ARM ASSEMBLY WITH STREET LIGHT, FURNISH AND INSTALL ON EXISTING FOXINDATION, SINGLE ARM 70' HEAVY DUTY (A 70,54-P5/54-4LD)	EA	1:						1		1		
	TRAFFIC SIGNAL HEAD ALUMINUM (2-SECTION, 1-WAY) INCLUDES BACKPLATES (F.B. 1)	AS			9				9		9		
	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY) INCLUDES BACKPLATES IF 8: (1)	AS			2				2		2		
	TRAFFIC SIGNAL HEAD ALUMINUM (5-SECTION, 1-WAY) INCLUDES BACKPLATES F.E.	AS			1				1		1		
	LOOP ASSEMBLY TYPE F 46') [F & II]	EA	13						13		13		
	PEDESTRIAN SIGNAL - COUNT DOWN II-WAY ALUMINUM F & IT	AS			4				4		4		
	PEDESTRIAN DETECTOR FUSH BUTTON IF E II	EA	6						6		6		
	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6) AS PER NAZTEC (F & ()	AS	1						1		1		_
	SINGLE POST SIGN (RELOCATE)	AS											_
	SINGLE POST SIGN (REMOVE)	AS	2						2		2		_
	SIGN PANEL IF & II CYCRIFE ADI (5 12 SF)	EA	-		3		-		3	-	3		_
	INTERNALLY BLUMINATED SIGN (81) FLUORESCENT (F & I)	EA			4	_			4	\rightarrow	4	_	_
		EA		-	*		42	-	42	-	42	-	_
	RAISED PAVEMENT MARKER (TYPE B)		_	_				_		-		-	_
	THERMOPLASTIC (STD) (WHITE) (SOLID) (5") (F & I)	뱌	-	_	-		523	-	523	-	523	-	_
	THERMOPLASTIC (STD) (WHITE) (SOLID) (12') (F&I)	1.F		_			499	-	499	_	499		_
	THERMOPLASTIC (51D) (WHITE) (SOLID) (24") (F & 1)	LF					139		139		139		
	THERMOPLASTIC (STD) (WHITE) (ARROW) (F.B. II)	EA		\rightarrow	_		6		6		6		_
	THERMOPLASTIC ISTO I (YELLOW) ISOLID) IST I F & I)	LF					180		180		18G		_
11-11-224 1 15-5-11 1	THERMOPLASTIC (STD) I YELLOW) ISOLIDI (1817) (F.B. I)	EA.					16		16		16		

ITEM	

INCLUDES COST OF REMOVING ALL CONFLICTING PAVEMENT MARKINGS.

630-2-12-2-1 CONSISTS OF THE COST ASSOCIATED WITH FURNISHING AND INSTALLING 1-2" CONDUITS (HDPE SDR II) UNDERPAYEMENT BY DIRECTIONAL BORE.

630-2-12-2-3 CONSISTS OF THE COST ASSOCIATED WITH FURNISHING AND INSTALLING 3-2" CONDUITS (HDPE SDR II) UNDERPAYEMENT BY DIRECTIONAL BORE.

630-2-12-2-5 CONSISTS OF THE COST ASSOCIATED WITH FURNISHING AND INSTALLING 5-2" CONDUITS (HDPE SDR II) UNDERPAYEMENT BY DIRECTIONAL BORE.

635-2-12-A TYPICAL SIGNAL PULL BOXES SHALL BE 17" X 30" X12" IN DIMENSION AND HEAVY DUTY TIER 22 OR HIGHER. LIDS TO BE MARKED "PBC TRAFFIC".

635-2-12-C TYPICAL TIS PULL BOXES SHALL BE 30" X 48" X24" (LARGE) AND HEAVY DUTY TIER 22 OR HIGHER. UDS TO BE MARKED "PBC TRAFFIC ITS".

635-2-12-D TYPICAL ITS PULL BOXES SHALL BE 17" X 30" X 24" (SMALL) AND HEAVY DUTY TIER 22 DR HIGHER.

649—XX-XXX AT THE DISCRETION OF THE ENGINEER OF RECORD AND WITH MUTUAL AGREEMENT OF PBC TRAFFIC ENGNEERING, FINAL LOCATIONS OF THE MAST ARMS MAY BE ADJUSTED IN THE FIELD IF THERE IS ANY CONFLICT WITH JULIUSES, SIGNAL CONTRACTOR SHALL VERIEY THE PROPOSED FOUNDATION ELEVATIONS.

TRAFFIC SIGNAL HEADS ARE TO BE CAST ALUMINUM. LED MODULES SHALL BE INSTALLED ON ALL SIGNAL DISPIAYS, INCLUDING ARROWS. THESE MODULES SHALL INCLUDE A MANUFACTURER'S WARRANTY OF AT LEAST FIRE YEARS. THE MAINLUM POWER RATING SHALL BE TO WATTS FOR RED BALLS, 14 WATTS FOR GREEN BALLS AND 7 WATTS FOR THE ARROWS. ALL SIGNAL HEADS SHALL HAVE TUNNEL

VISORS AND BACK PLATES. 660-2-106-8 TYPICAL LOOP SIZE IS 46' LONG.

ALL PEDESTRIAN PUSH BUTTONS SHALL BE ADA COMPLIANT. PBC PREFERS THE POLARA ENGINEERING ING BUL3 BULLDOG IN SERIES PUSH BUTTON (APL 685-003-011) WITH COUNTY LOGO. CONTACT MANUFACTURER FOR THE CUSTOM ETCHED LOGO AND REFER TO BOL3—8-CE. COSTS OF PEDESTRIAN SIGN FTP-688-06 SHALL BE INCLUDED IN UNIT PRICE FOR PEDESTRIAN DETECTORS. 665-1-XX

INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE DOUBLE SIDED AND FREE SWINGING MOUNTED EXCEPT WHERE NOTED. CONTRACTOR SHALL INSTALL ONE PHOTOCOELL PER INTERNALLY ILLUMINATED STREET NAME SIGN. PER THE F.D.O.T. PAY ITEM DETAIL, ALL MOUNTING HARDWARE IS INCLUDED IN THE SIGN PAY ITEM. FOR MUTCH, USE CORRECT GREEN TRANSLUCENT FILM FOR SIGN PANEL.

LUMINAIRE SHALL BE AUTOBAHN SERIES ATB2 LED (ATB2 P601 R4 4K 175 INPUT WATTS WITH 24,770 715-5-XX LUMEN FIXTURE) AND EACH FIXTURE SHALL BE PROVIDED WITH PHOTOELECTRIC CELL A SEPARATE CIRCUIT/BREAKER SHALL BE PROVIDED IN SIGNAL DISCONNECT FOR MAST ARMS WITH LUMINAIRES, COST

OF WHICH IS INCLUDED UNDER THE PAY ITEM.

PATRICIA MARIE BARR, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 56925 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PATRICIA MARIE BARR, P.E. ON 12/22/2023.

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



BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 TABULATION OF QUANTITIES

DESIGN T.B. AL. APPROVED JOB NO. 22-178 22178702 T-2 T-8 C.O.

SIGNALIZATION GENERAL NOTES

- 1.) SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC, MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA), WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE DISTRICT TRAFFIC PLANS AND STANDARDS ENGINEER.
- 2.) CONTRACTOR SHOULD REVIEW AND ADHERE TO THE PALM BEACH COUNTY TRAFFIC SIGNAL INSTALLATION STANDARDS AND DETAILS 2022 (OR LATEST REVISED EDITION), AND FDOT ROADWAY DESIGN STANDARDS 2022-2023 (LATEST EDITION).
- 3.) THE CONTRACTOR SHALL REFURBISH EXISTING PAVEMENT MARKINGS DAMAGED DURING CONSTRUCTION PRIOR TO EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE EOR AND PALM REACH COUNTY TRAFFIC DIVISION FOLLIPMENT SPECIFICATIONS OR DESIGN DATA FOR ALL MATERIAL PROPOSED
 - THE PROJECT. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO NON-STRUCTURAL SUBMITTALS
 - ALL GUIDE SIGN LEGENDS (IF DIFFERENT FROM DETAILED)
 - CONTROLLER CABINET AND ASSEMBLY VIDEO DETECTION SYSTEM.
 - II. STRUCTURAL SUBMITTALS

 - SIGN STRUCTURES, INCLUDING CANTILEVER TRUSSES AND FOUNDATIONS MAST ARM, POLE AND FOUNDATIONS MAST ARM POLES WITH LUMINAIRE ATTACHMENTS SHALL BE PROVIDED WITH SHOP DRAWINGS AND CALCULATIONS.
- SHOP DRAWINGS AND DESIGN DATA SHALL BE SUBMITTED ELECTRONICALLY TO THE ENGINEER OF RECORD WITH A COPY SENT TO PALM BEACH COUNTY TRAFFIC DIMISION AT ENG-TRAFF—INSPECTION OF DESIGN OF D ALLOW 30 DAYS TURN AROUND FOR SUBMITTALS, ALL SUBMITTALS SHOULD BE SUBMITTED TO:
- TEI: (561) 478-7848 6.) THE CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT (561) 233-3900 FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION IF WORK IS BEING DONE WITHIN 10 FEET OF ANY SIGNAL
- FOLIPHENT OR IN ADVANCE OF ANY SIGNAL RELATED INSTALLATION WORK 7.) ALL SIGNS AND OTHER TRAFFIC CONTROL DEVICES, EXCEPT EQUIPMENT SHOWN OR NOTED ON THE PLAN SHEETS FOR REMOVAL BY OTHERS, SHALL BE REMOVED BY THE CONTRACTOR AND STOCKPILED WITHIN THE RIGHT OF WAY ONLY AFTER 48 HOUR NOTICE TO THE MAINTAINING AGENCY, CONTROL DEVICES SHALL THEN BE REMOVED BY OTHERS FOR DELIVERY TO THE NOTIFIED AGENCY.
- 8.) ALL REMOVED ITEMS TO BE DELIVERED TO PECTED AT 2555 VISTA PARKWAY WEST PALM BEACH FL CALL 48 HOURS PRIOR TO DELIVERY (561) 233-3900, CONCRETE POLES CAN BE DISCARDED/PROPERLY DISPOSED
- 9.) THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR TWO (2) BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT

UTILITY OWNER: SUNSHINE STATE ONE CALL	TELEPHONE NUMBERS: 811	CONTACT_PERSON:
AT&T DISTRIBUTION	888-357-1922	UTILIQUEST LLC
COMCAST	954-789-9762	MICHAEL CONNELL
FLORIDA GAS TRANSMISSION	407-838-7171	JOSEPH E. SANCHEZ
FP&L	386-586-6403	JOEL BRAY
FLORIDA PUBLIC UTILITIES CO.	561-398-2338	FERNANDO VAN-LEEUWEN
PALM BEACH COUNTY TRAFFIC OPERATION	561-233-3900	SUPERINTENDENT
PALM BEACH COUNTY TRAFFIC ITS	561-681-4365	DANIEL RODRIGUEZ
PALM BEACH COUNTY WATER UTILITIES	561-493-6116	JACKIE MICHELS

- 10.) DURING DEEP REMOVAL OF MAST ARM FOUNDATION (AND ANY OTHER POLE REMOVAL). IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE ANY OTHER FOUNDATION OR STRUCTURE IN THE CLOSE PROXIMITY OF THE FOUNDATION BEING REMOVED. IF THE CONTRACTOR DETERMINES ANY STRUCTURE OR FOUNDATION IN CLOSE PROXIMITY OF FOUNDATION REMOVED COULD POTENTIALLY BE COMPROMISED, THEY SHALL SECURE IT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD CHECKING INTERSECTION OPERATIONS AS THEY RELATE TO THE INSTALLATION OF MAST ARMS
- 12.) TEMPORARY DETECTION REQUIRED IF THE EXISTING VEHICLE DETECTION WILL BE IMPACTED AND OUT OF SERVICE FOR MORE THAN 30 DAYS AND IF PEDESTRIAN DETECTION OUT OF SERVICE FOR MORE THAN 3 DAYS WHILE LOCATION IS UNDER CONSTRUCTION.
- 13.) ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED HAVE TO BE PROPERLY REFERENCED BY PROFESSIONAL LAND SURVEYOR THIS SHALL BE DONE IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS. PRIOR TO BEGINNING WORK AT THE SITE, THE CONTRACTOR SHALL RETAIN A LAND SURVEYOR TO REFERENCE AND RESTORE, UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS. THE CONTRACTOR SHALL FURNISH, TO THE DISTRICT LOCATION SURVEYOR A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
- 14.) ALL SURVEY BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED REFERENCED BY THE CONTRACTOR IN THE SAME WAY AS PUBLIC LAND CORNERS, EXCEPT THAT THE LAND SURVEYOR SHALL NOT BE REQUIRED TO RESTORE THE N.G.V.D. BENCH MARK UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY TRANSMIT ALL DISPLACED OR DAMAGED N.G.Y.D. DISCS TO THE DISTRICT LOCATION SURVEYOR, WHO WILL NOTIFY THE GEODETIC INFORMATION CENTER.
- 15.) THE SIGNAL MAINTAINING AGENCY IS PALM REACH COUNTY TRAFFIC OPERATIONS, SUPERINTENDENT (561) 233-3900.
- 16.) ALL EXISTING SIGNALIZATION EQUIPMENT IS ASSUMED TO BE IN GOOD WORKING ORDER UNLESS PECTED IS NOTIFIED IN WRITING PRIOR TO START OF CONSTRUCTION. ANY SUBSECUENT DAMAGE TO THE SIGNAL EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR.
- 7.) EXISTING COMMUNICATIONS OR COMMAND WIRE CONNECTIONS SHALL BE MAINTAINED AT ALL SIGNALIZED LOCATIONS DURING CONSTRUCTION. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, INTERCONNECT, RAILROAD ELASHING REACONS RAILROAD PREFURTION EMERGENCY VEHICLE PREFURTION AND SCHOOL ZONE ELASHERS CONTRACTOR TO PROVIDE TEMPORARY LINES AND CONNECTIONS IF NECESSARY, COST OF MAINTAINING COMMUNICATION INCLUDING TEMPORARY CONNECTIONS SHALL BE INCLUDED IN PAY ITEM 102-1 MOT. A CELLULAR COMMUNICATION PLAN MAY NEED TO BE INSTALLED AND APPROVED BY THE COUNTY TO MAINTAIN CONTINUOUS COMMUNICATION THROUGHOUT THE PROJECT
- 18.) NO EXISTING PEDESTRIAN CROSSING TO BE ELIMINATED AT ANY TRAFFIC SIGNAL WITHOUT PRE-APPROVAL FROM PBC TRAFFIC ENGINFFRING
- 19.) IT SHOULD BE NOTED THAT NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY DIRECTIONAL BORING OR TRENCHING, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FOOT STANDARD SPECIFICATIONS.

- 20.) THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF EXISTING LOOP AND LEAD IN WIRE. OVERHEAD TRANSMISSION LINES, AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL EXCAVATE BY HAND WHERE CONFLICTS MAY EXIST. DAMAGE TO LOOPS AND ANY SIGNAL EQUIPMENT CAUSED BY CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM REACH COUNTY
- 21.) THE LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE, EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
- 22.) THE PROPOSED LOCATIONS OF ALL POLES PEDESTALS, AND OTHER FOLIPMENT REQUIRING EXCAVATION SHALL BE CONSIDERED APPROXIMATE DUE TO THE POTENTIAL OF CONFLICT WITH UNDERGROUND UTILITIES. SLIGHT ADJUSTMENTS DIRECTED BY THE ENGINEER MAY ALSO BE NECESSARY TO SATISFY SAFETY CODES.
- 23.) CONTRACTOR TO MAINTAIN EXISTING SIGNAL OPERATIONAL AT ALL TIMES.
- MAST ARM CONCRETE FOUNDATION SHALL BE POURED IN A SINGLE POUR; FOUNDATIONS THAT DO NOT COMPLY WITH THIS REQUIREMENT SHALL BE COMPLETELY REMOVED AND RE-POURED AT THE CONTRACTOR'S EXPENSE. A DRILL SHAFT INSTALLATION PLAN SHALL BE PART OF THE SHOP DRAWINGS
- 25.) CONTRACTOR IS RESPONSIBLE FOR THE PROPER BOLT PROJECTION ABOVE FINISHED SIDEWALK GRADE. THE RACTOR SHALL ENSURE THAT THE DRILL SHAFT AND BOLT PATTERNS ARE INSTALLED CORRECTLY SO THAT THE MAST ARM WILL BE ANGLED AS SHOWN ON THE PLANS.
- 26.) IF PHASE 1 (UNDERGROUND ONLY) AND PHASE 2 (ABOVE GROUND) IS PROPOSED ON PERMITTING PROJECTS, CONTRACTOR IS RESPONSIBLE TO ENSURE EXPOSED BOLTS ARE PROTECTED FROM THE ELEMENTS (INSTALL BOLT CAPS). 27.) FOR MAST ARM SIGNAL INSTALLATIONS. THE CONTRACTOR SHALL INSTALL WIRE MESH SUPPORT GRIPS FOR STRAIN RELIFF ALL SIGNAL CABLE MUST BE HELD BY A STRAIN RELIFF (LE GRAND BC0750FSS) ATTACHED TO THE J. HOOK INSIDE OF A MAST ARM. TO USE APPROVED EQUIVALENT, SHOP DRAWINGS SHALL BE SUBMITTED TO PBC ENGINEER FOR
- PRE-APPROVAL WRITTEN APPROVAL FOR SHOP DRAWINGS SHALL BE PROVIDED AT TIME OF FINAL SIGNAL INSPECTION 28.) SIGNAL CABLE - CONTRACTOR SHALL INSTALL TRAFFIC SIGNAL CABLE IN ACCORDANCE WITH PBC STANDARDS. THERE SHALL BE NO SPLICING. IF CONTINUOUS RUNS ARE NOT POSSIBLE, THEN TERMINAL BLOCK SHALL BE USED.
- 29.) CONTROLLER CARINET THE CONTROLLER CARINET SHALL RE INSTALLED SLICH THAT THE CONTROLLER DOOR WILL OPEN AWAY FROM THE ROADWAY TRAVEL LANES AND POSITIONED TO ALLOW THE TECHNICIAN TO SEE THE INTERSECTION. CONTRACTOR TO PROVIDE A MINIMUM 2 FEET CABLE SLACK AT ALL PULL BOXES AND HAND HOLDS.
- 31) PEDESTRIAN SIGNALS FACH PEDESTRIAN SIGNAL SHALL BE FED WITH ONE 7 CONDUCTOR CARLE FOR PEDESTRIAN SIGNAL HEAD AND ONE 4 CONDUCTOR CABLE FOR THE PEDESTRIAN DETECTOR/PUSH BUTTON THESE CABLES WILL RUN FROM EACH PEDESTRIAN SIGNAL/DETECTOR DIRECTLY TO CONTROL BOX WITH NO SPLICES.
- 32.) POSITION PULL BOXES, CABINETS, POLES AND OTHER OBSTRUCTIVE ITEMS CLEAR OF CURB CUT RAMPS. PULL BOXES SHALL BE PLACED BEHIND CURB AND GUTTER IF THERE IS NO CURB AND GUTTER THEN PULL BOXES SHALL BE PLACED AT LEAST 10 FEET FROM THE EDGE OF PAVEMENT. PULL BOXES SHALL NOT BE LOCATED AT THE BOTTOM OF ANY DITCH OR RETENTION AREA/POND. ALL PULL BOXES SHALL HAVE A 1' WIDE (MIN.) X 6" DEEP CONTINUOUS CONCRETE APRON SLOPED AWAY FROM BOX (TYPICALLY 1%)
- 33.) SPARE CABINET CONDUIT SHALL BE STUBBED AND CAPPED IN THE NEAREST PULL BOX. USE GEL CAPS FOR ANY SPARE/USED CONDUIT.
- THE USE OF "JONES" PLUGS FOR SIGNAL INSTALLATIONS SHALL BE PROHIBITED
- 35.) ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.
- 36.) THE CONTRACTOR SHALL VERIFY COLOR CODES OF SIGNAL CABLE WITH PALM BEACH COUNTY BEFORE ORDERING.
- 37.) DO NOT INSTALL LOOP LEAD-INS WITHIN PAVERS OR IN THE AREA BETWEEN PAVERS AND EDGE OF CURB. FOR ANY INTERSECTIONS WITH PAVERS, THE LEAD-INS NEED TO RUN THROUGH CONDUITS UNDER THE PAVERS. 38.) INSTALL PEDESTRIAN SIGNALS PER ADA CLEARANCES, PROVIDING CONTINUOUS UNOBSTRUCTED PEDESTRIAN/WHEELCHAIR
- CIRCULATION PATH TO PEDESTRIAN AREAS (PUSH BUTTON, RAMP, ETC). THE T-BASE (PEDESTRIAN PEDESTAL BASE) SHALL BE ORIENTED SO THE TECHNICIAN CAN OPEN THE DOOR AND ALSO SEE ON-COMING TRAFFIC. CAULK AS NEEDED IF THERE IS A LARGE CAP BETWEEN CONCRETE FOUNDATION/SIDEWALK AND
- THE PEDESTAL BASE PEDESTAL POLE BASE NUT SHOULD BE LARGE ENOUGH TO COVER HOLE AND WASHER.
- 41.) ALL SET SCREWS MUST BE INSTALLED (MONE SHOULD BE MISSING). MOST MANUFACTURERS HAVE THEM DESIGNED INTO THE PEDESTREAM BASES FROM FACTORY, WHEN PEDESTAL POLE IS SET AT PROPER DIRECTION, ORLL MONTAP HOLE THRU BASE AND ALLMINUM CONDUIT. SET SCREWS SHOULD GO THROUGH SIDE OF BASE INTO PEDESTAL POLE IS PENETRATE INTO PIPE TO KEEP IT FROM ROTATING, USING A 12"X20 SS HEX HEAD BOLT WILL LOCK THE PIPE FROM
- 42.) BOLTS SHOULD BE LONG ENOUGH TO PROTRUDE THROUGH THE THREADED HOLE AND HOLD WASHER AND NUT. 43.) CAULKING/SEALANT TO BE APPLIED AT ALL SIGNALS FLANGE CONNECTIONS, INCLUDING BUT NOT LIMITED TO THE TOP OF THE FLASHER SIGNAL.
- 44.) THE CONTRACTOR SHALL BUILD NEW ELECTRICAL POWER SERVICE AND DISCONNECT ON MONUMENT WITH A MINIMUM HEIGHT OF EIGHT (8) FEET.
- 45.) THE CONTRACTOR SHALL COORDINATE AND FIELD VERIFY LOCATION(S) OF ELECTRICAL SERVICE POINT PRIOR TO INSTALLING CONDUIT, DISCONNECT SWITCH, TRANSFORMER AND PULL BOXES.
- 46.) POWER SOURCE ON MODIFICATIONS/UPGRADES TO EXISTING TRAFFIC SIGNALS A) IF ADDING LOAD, THEN ADD METER, B) IF NOT ADDING LOAD (IF JUST RELOCATING SAME EQUIPMENT) KEEP EXISTING POWER SOURCE, ALL NEW INSTALLED SIGNALS WILL BE METERED. CONTRACTOR SHALL COORDINATE WITH FPL FOR NEW INSTALLATION AS REQUIRED. ELECTRIC SERVICE TO BE SET UP IN CONTRACTOR'S NAME, THEN TRANSFERRED TO PBC TRAFFIC DIMSION AFTER 90 DAY BURN AND FINAL ACCEPTANCE.
- 47.) THE CONTRACTOR SHALL COORDINATE WORK SCHEDULE, COORDINATE TIMING AND AUTHORIZATION OF POWER SERVICE WITH PALM BEACH COUNTY TRAFFIC ENGINEERING. CONTACT TIMING ENGINEER (561-684-4030) 2 WEEKS IN ADVANCE OF CONSTRUCTION AND TO COORDINATE TIMING CHANGES PRIOR TO LOOP DAMAGE. CONTACT PBC TRAFFIC OPERATIONS (561-233-3900) TO COORDINATE REPLACING THE OLD SCHOOL FLASHERS AND RETIMING THE NEW SCHOOL FLASHERS
- 48.) THE CONTRACTOR SHALL SUBMIT IN WRITING TO THE MAINTAINING AGENCY FOR FINAL INSPECTION. ALLOW TWO (2) WEEKS FOR INSPECTION. TO SCHEDULE A SIGNAL INSPECTION, PLEASE EMAIL ENG-TRAFF—INSPECTION⊕PBCGOV.ORG. 49.) AT THE TIME OF FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL FURNISH PALM BEACH COUNTY WITH TWO (2) COMPLETE COPIES OF SIGNED AND SEALED AS-BUILT PLANS AND CONSULTANT TO PROVIDE ELECTRONIC CAD FILES. 50.) A 90 DAY BURN-IN PERIOD IS REQUIRED FOR ALL TRAFFIC SIGNAL EQUIPMENT. THE BURN-IN PERIOD WILL COMMENCE UPON A WRITTEN CONDITIONAL ACCEPTANCE BY THE COUNTY AND WILL TERMINATE NINETY (90) CONSECUTIVE DAYS. THEREAFTER, UNLESS AN EQUIPMENT MALFUNCTION OCCURS.

- 51.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND PERFORMING ALL TREE TRIMMING AND TREE REMOVAL
- 52.) AFTER THE SIGNAL INSPECTION IS COMPLETED AND ALL OUTSTANDING ISSUES ARE RESOLVED (PUNCH LIST ITEMS COMPLETED), THE CONTRACTOR CAN REQUEST PALM BEACH COUNTY TO SCHEDULE THE SIGNAL ACTIVATION. CONTRACTOR OR CEL SHALL REQUEST ACTIVATION TWO WEEKS IN ADVANCE.
- 53.) DURING CONSTRUCTION OF NEW SIGNAL FOLIPMENT AT EXISTING SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL COORDINATE THEIR ACTIVITIES TO ENSURE THAT FUNCTIONING TRAFFIC SIGNALS REMAIN VISIBLE TO MOTORISTS. 54.) SPAN WIRE SIGNALS ONLY - DISCONNECTS FOR SIGNAL HEADS ON SPAN WIRE SIGNALS SHALL BE MODEL
- #1150-18-T API 659-004-007 WITH TRI STUD SPAN WIRE CLAMP ADAPTER MODEL #1156-T API 659-016-002 BOTH ARE MANUFACTURED BY ENGINEERING CASTINGS AND SUPPLIED BY PELCO PRODUCTS, ALL EQUIPMENT TO BE APPROVED BY PBC TRAFFIC PRIOR TO ORDERING VIA THE SHOP DRAWINGS.

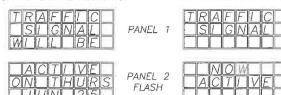
MAINTENANCE OF TRAFFIC:

- 55.) THE CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS AND SUBMIT THEM FOR REVIEW AND APPROVAL BY THE ENGINEER OF RECORD AND THE TRAFFIC DIVISION - MOT SECTION AT LEAST TWO (2) WEEKS IN ADVANCE OF PROPOSED WORK. NO LANE CLOSURES ARE ALLOWED DURING AM AND PM PEAK HOURS (BASED ON LANE CLOSURE ANALYSIS)
- 56.) THE CONTRACTOR SHALL INSTALL CONSTRUCTION SIGNING PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL MAINTAIN SIGNING DURING ALL PHASES OF CONSTRUCTION.
- 57.) NOTIFICATION OF PROPOSED LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED. IN WRITING 14 BUSINESS DAYS IN ADVANCE OF CLOSURE OR DETOUR.
- 58.) AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSING CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- 59.) THE ALTERATION OF TRAFFIC TRAVEL-WAYS TO CREATE A WORK ZONE SHALL NOT COMMENCE UNTIL ALL LABOR AND MATERIALS ARE READY FOR THE CONSTRUCTION IN THAT ZONE.
- 60.) REGULATORY SPEED DURING CONSTRUCTION SHALL REMAIN AT THE POSTED SPEED.
- ALL PEDESTRIAN DETOURS FOR MOT TO BE PRE-APPROVED BY PBC TRAFFIC ENGINEERING DIVISION.
- 62.) ANY SIGNAL MODIFICATION NECESSARY IN ORDER TO CARRY OUT PROJECT CONSTRUCTION SHALL BE SUBMITTED TO PBC TRAFFIC ENGINEERING DIVISION FOR APPROVAL. SIGNAL MODIFICATION SUBMITTAL TO BE IN A FORM OF A LEGIBLE PLAN THAT CLEARLY SHOWS THE SIGNAL HIDD FACES AND AUGINMENT WITH THE PROPOSED LANE MODIFICATION. AND SIGNAL PHASING, ALL SIGNAL MODIFICATIONS TO FOLLOW MUTCH MINIMUM REQUIREMENTS. MOT PLANS WILL NOT BE APPROVED UNTIL THE SIGNAL MODIFICATION PLANS HAVE BEEN APPROVED BY PBC TRAFFIC ENGINEERING.
- 64.) THE CONTRACTOR SHALL REMOVE OR COVER ANY EXISTING OR PROPOSED SIGNS OR PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL THROUGH THE WORK ZONE. WHEN THE CONFLICT NO LONGER EXISTS. THE CONTRACTOR SHALL RESTORE THE SIGNS OR PAVEMENT MARKINGS TO THEIR ORIGINAL POSITION.
- 65.) WITH NEW TRAFFIC SIGNAL INSTALLATION AND PRIOR TO ACTIVATION: VARIABLE MESSAGE SIGNS SHALL BE INSTALLED SEVEN (7) DAYS BEFORE AND SEVEN (7) DAYS AFTER SIGNAL ACTIVATION AS FOLLOWS:

PRIOR TO SIGNAL ACTIVATION

(DATE SHOWN IS AN EXAMPLE ONLY)

AFTER SIGNAL ACTIVATION



PATRICIA MARIE BARR, P.E., STATE OF FLORIDA PROFESSIONAL ENGINEER, LICENSE NO. 56925 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PATRICIA MARIE BARR, P.E.

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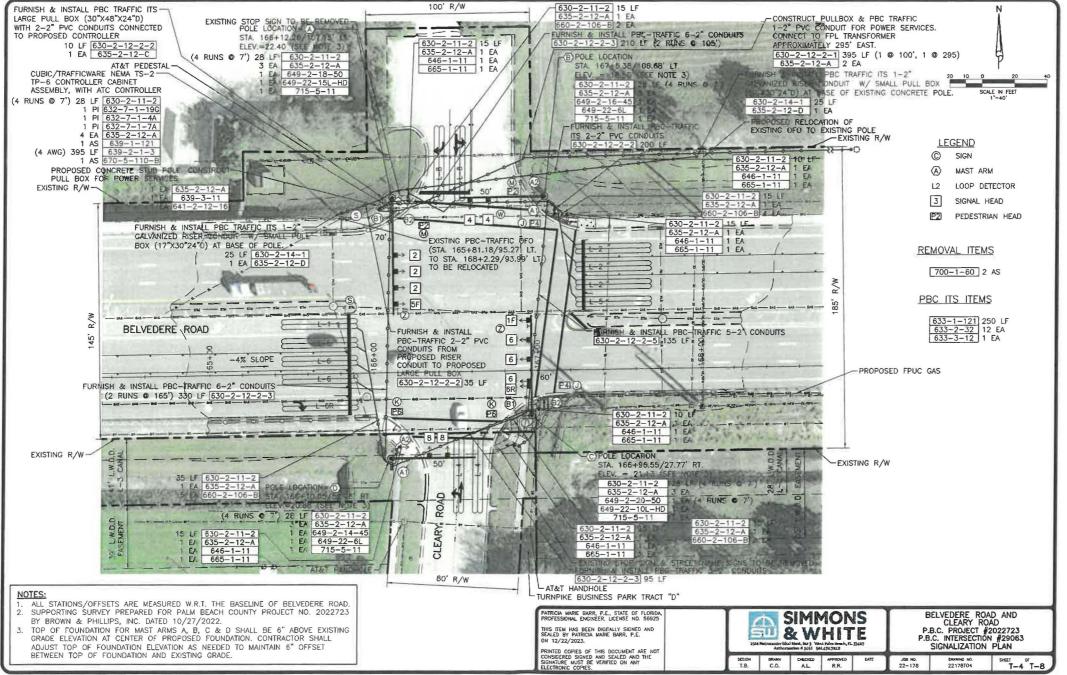
ON 12/22/2023.

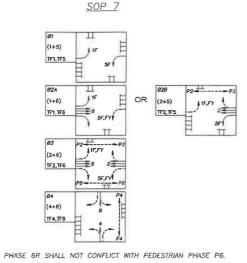


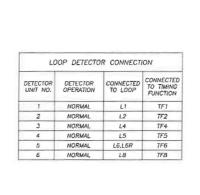
BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 GENERAL NOTES

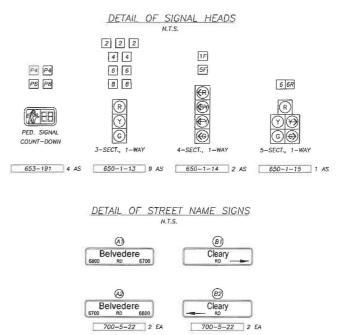
A.L. C.O.

T-3 T-8 22178103









-MAXIMUM SIGN DIMENSION 8' LENGTH MAX. AND 2' HEIGHT

-SIGNS SHALL MEET PALM BEACH COUNTY TYPICALS & MUTCD. REFER TO PALM BEACH COUNTY TYPICALS FOR

DETAILS ON SIGN INSTALLATION, DIMENSION & LETTERING.

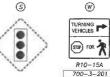
(1) BOOT BLANT
FRANCISCO
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DETAIL OF SIGNS



LEFT TURN YIELD ON FLASHING YELLOW 700-3-201 1 EA ARROW

FTP-85-13 700-3-201 2 EA

(2)

NOTES:

- 1) CONTROLLER OPERATIONS: - THE CONTROLLER SHALL OPERATE AS SIGNAL OPERATING MAJOR STREET IS BELVEDERE ROAD AND MINOR STREET
- IS CLEARY ROAD. - FLASHING OPERATION TO BE YELLOW FOR MAJOR STREET MOVEMENTS 2 & 6 AND RED FOR ALL OTHER MOVEMENTS.
- 2.) ACTUAL SIGNAL TIMINGS AND COORDINATION PLANS ARE TO BE DETERMINED BY THE PALM BEACH COUNTY ENGINEER'S REPRESENTATIVE.
- 3.) THE SPEED LIMIT ON BELVEDERE ROAD IS 50 MPH, AND ON CLEARY ROAD IS 40 MPH.

PATRICIA MARIE BARR, P.E., STATE OF FLORIDA PROFESSIONAL ENGINEER, LICENSE NO. 56925 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PATRICIA MARIE BARR, P.E. ON 12/22/2023.

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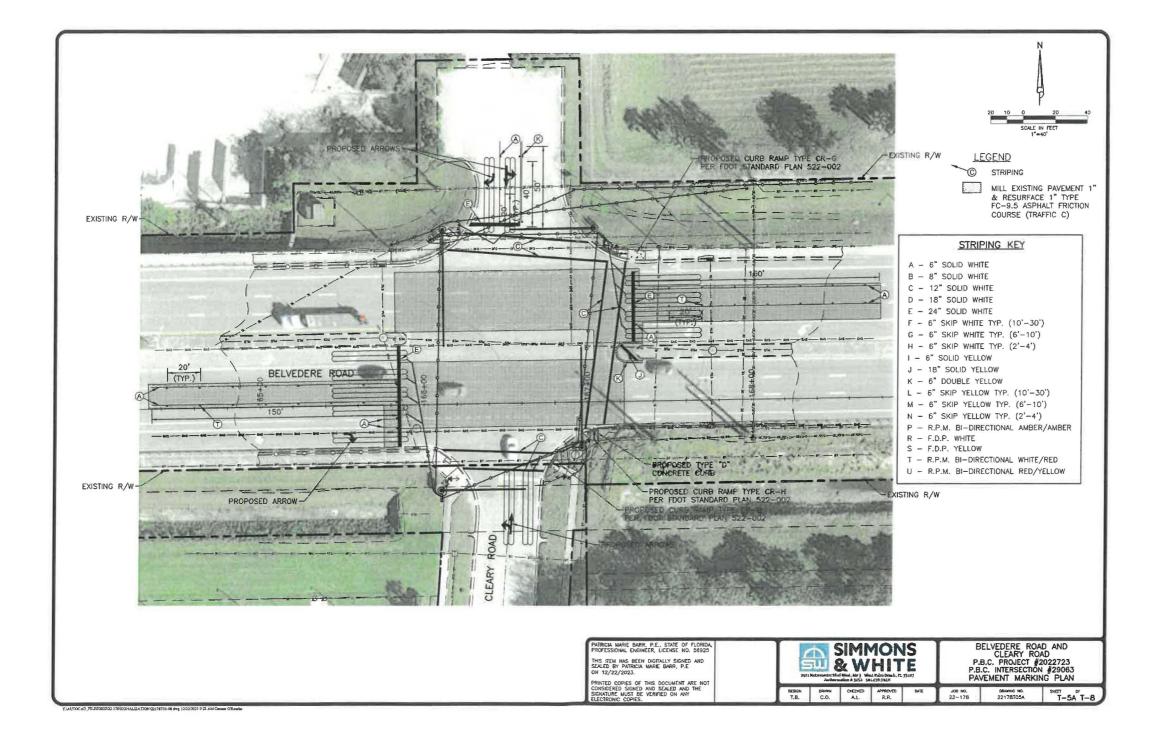
BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 SIGNALIZATION PLAN

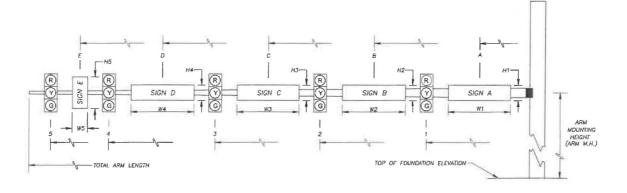
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AUTOCAD_FILES/2022/22-19FSIGNALIZATION/02178T01-08 dwg 12/22/2023 9:22 AM Conner O'Rourks





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		BY STA.	FOUNDATION ELEVATION	ARM NO.	CROWN ELEV.	Y/N	Y/N	V/H	Y/N	Y/N	1	*	2	*	3	*	4	*	5	*	ARM LENGTH	ENGTH M.H.	90/270	A	H1	W1	В	H2	W2	C	НЗ	W3	D	H4	W4	Ε	H5	W5	COLOR (A
Α	T-4	166+12.28/107.15°RT	22.40	1	23.73	Y	Y	V	Y	N	33.5	3	43.5	3	53.5	3	63.5	4		F	70	22		5	2	8	28 "	2.5	2.5[2	U	1	F	67	3	2.5	F	1		GALVANIZ
B	T-4	167+5.38/106.68'RT.	18.50	1	19.83	Y	Y	v	Y	N	33	3	44	3						Ė	50	22		5	2	8	27.5	2.5	2.5		1	#		F		F	1		GALVANIZ
С	T-4	166+96.55/27.77RT.	21.13	1	20.33	Υ	Y	v	Y	N	18(3)	5	33	3	45	3	57	4			60	21		5(3)	2	8			Ħ		1	#	1			53.5	3	2.5	GALVANIZ
D	T-4	166+10.05/52.76'RT.	20.88	1	20.18	Υ	Y	v	Y	N	22	3	33	3							50	21		- 5	2	8					1	=		F		F	1	Ħ	GALVANIZ
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- * DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY
- (A) POWDER COAT OR PAINT TO MEET CURRENT FDOT SPECIFICATIONS
- (1) TOP OF FOUNDATION FOR MAST ARMS A, B, C & D SHALL BE 6"ABOVE EXISTING GRADE ELEVATION AT CENTER OF PROPOSED FOUNDATION. CONTRACTOR SHALL ADJUST TOP OF FOUNDATION ELEVATION AS NEEDED TO MAINTAIN 6"OFFSET BETWEEN TOP OF FOUNDATION AND EXISTING GRADE.
- (2) MAST ARM A ANALYZED FOR FUTURE PROPOSED CONDITIONS: 3-SECTION HEADS AT 33.5', 43.5', & 53.5'; 4-SECTION HEADS AT 63.5'; 3'H X 2.5'W SIGNS AT 67'; 2.5'H X 2.5'W SIGN AT 28'; AND A 2'H X 8'W SIGN AT 5'.
- (3) MAST ARM C ANALYZED FOR FUTURE PROPOSED CONDITIONS: 3—SECTION HEADS AT 23', 33', & 45'; 4—SECTION HEADS AT 7' & 57'; 3'H X 2.5'W SIGN AT 4' & 53.5'; AND 2'H X 8'W SIGN AT 13'.

PATRICIA MARIE BARR, P.E., STATE OF FLORIDA PROFESSIONAL ENGINEER, LICENSE NO. 56925

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& WHITE

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Anti-Monacacter bid Side S. Mary 2 West PAIS: Innell, N. T. 33407

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T. B. C. O. C. A. L. R. R.

BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 MAST ARM TABULATION

22178T06

T-6 T-8

YAAUTOCAD_FILES12022-22-17853GNALIZATION22178T01-01.6mg 12/22/2923 P.ZI AM Conner O'Rowski

STANDARD MAST ARM ASSEMBLIES DATA TABLE											TABLE DATE 11-01-16
STRUCTURE		FIRST	ARM	SECON	ID ARM	UF	LL		POLE		DRILLED
ID NUMBERS	DESIGNATION	ARM ID	FAA (ft.)	ARM ID	SAA (ft.)	(deg)	(deg)	POLE ID	UAA (ft.)	UB (ft.)	SHAFT ID
A	A70/S/H-P5/S/L-DS/18/5	A70/S/H					45	P5/S/L		22	DS/18/5
В	A50/S-P3/S/L-DS/16/4.5	A50/S					45	P3/S/L		22	DS/16/4.5
С	A60/S/H-P4/S/L-DS/20/5	ABD/S/H					90	P4/S/L		21	DS/20/5
D	A50/S-P3/S/L-DS/16/4.5	A50/S					45	P3/S/L		21	DS/16/4.5

NOTES [Notes Date 11-01-16]:

- If an entry appears in column FAA, a shorter arm is required. This is obtained by removing length from the arm tip and the arm length shortened from FA to FAA. SAA Similar.
- If an entry appears in column UAA, a shorter pole is required. This is obtained by removing length from the pole tip and the pole height shortened from UA to UAA.
- 3. Work this sheet with the Signal Designer's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement, and pedestrian features.
- 4. Work with Indexes 649-030 and 649-031.

GEOTECHNICAL NOTES:

1. The contractor shall anticipate difficult drilled shaft installation due to the presence of loose to very loose sand, or compacted fill, or any combination of these layers. The presense of difficult soil conditions may occur at varying depths below the ground. The contractor shall anticipate potential cave—in of the sandy soils, and difficult/impossible conditions to retain bentonite/polymer slurry inside the drilled holes.

PATRICIA MARIE BARR, P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 56925 THIS TIEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PATRICIA MARIE BARR, P.E. ON 12/22/2023.

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SIMMONS

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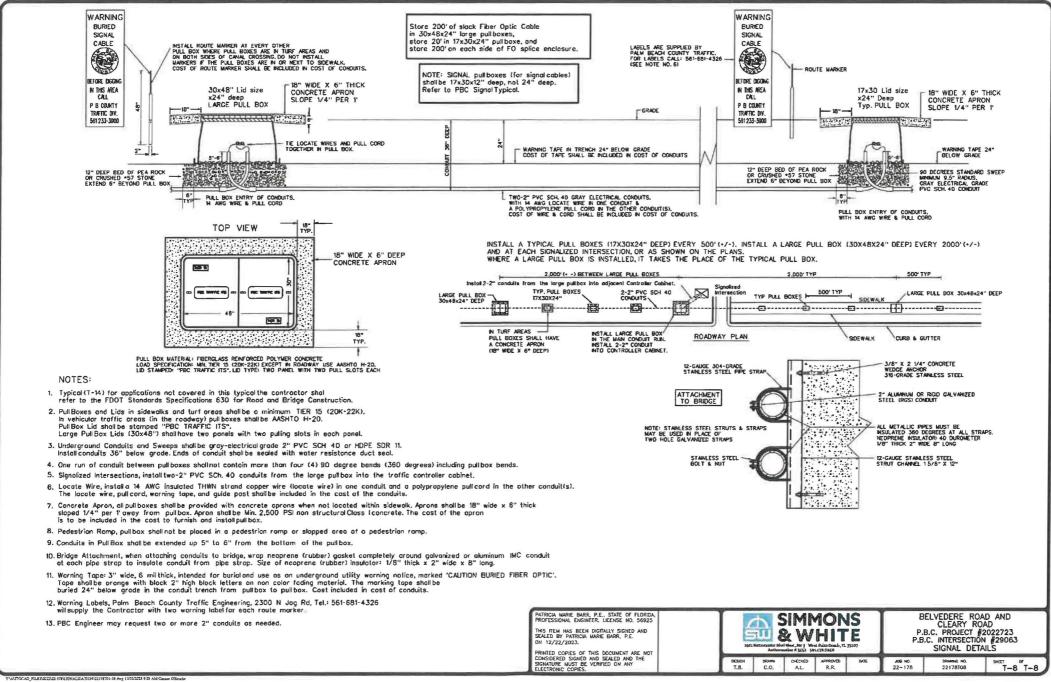
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Administration in \$6/3 Service Fluin Beach, r. 19/47

DELICAN DESCRIPTION OF THE PROPERTY OF

BELVEDERE ROAD AND CLEARY ROAD P.B.C. PROJECT #2022723 P.B.C. INTERSECTION #29063 MAST ARM ASSEMBLIES

300 но. ОВАНИЧЕ НО. SHEET OF T.—7 Т.—8





Office of Equal Business Opportunity

50 South Military Trail, Suite 202 West Palm Beach, FL 33415 (561) 616-6840 www.pbcgov.com/oebo



Paim Beach County Board of County Commissioners

Robert S. Weinroth, Mayor

Gregg K. Weiss, Vice Mayor

Maria G. Marino

Dave Kerner

Maria Sachs

Melissa McKinlay

Mack Bernard

County Administrator

Verdenia C. Baker

"An Equal Opportunity Affirmative Action Employer"

Official Electronic Letterhead

INTER-OFFICE MEMORANDUM

Date:

Thursday, January 20, 2022

To:

David L. Ricks, County Engineer Engineering and Public Works

From:

Tonya Davis Johnson, Director Office of Equal Business Opportunity

Re:

Approval of Request for Waiver of API Requirements for

Annual Traffic Signal Construction Contract Palm Beach

County Project #2022052

Your Request for Waiver of API Requirements for the above named project was received on Thursday, January 06, 2022 and has been reviewed. It is the determination of the Office of Equal Business Opportunity (OEBO) that the request for Waiver of API Requirements is **APPROVED**.

The OEBO is granting this waiver based upon the determination that sufficient qualified S/M/WBEs providing the goods or services required by the contract are unavailable in Palm Beach County despite every reasonable attempt to locate them.

If you have any questions, please contact Allen Gray at 561-616-6842 or email at agray@pcgov.org.

Thank you.

cc: Allen Gray, Manager

Attachment 4 Page 1 of 1

BOARD OF COUNTY COMMISIONERS PALM BEACH COUNTY, FLORIDA BUDGET AMENDMENT

BGEX 041524*1217

BGRV 041524*455

FUND Transportation Improvement Fund

ACCOUNT NUMBER	ACCOUNT NAME	UNIT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED as of 07/11/2024	REMAINING BALANCE
REVENUES									
3500-361-2004-6693	Developer Contributions	Traffic Signals - Countywide	0	0	200,000	0	200,000		200,000
			0	0	0	0	0		0
	Total Fund Revenues		191,360,720	240,072,365	200,000	0	240,272,365	•	
EXPENDITURES									
3500-361-2004-6408	Signals & Controllers	Traffic Signals - Countywide	2,491,155	1,835,407	200,000	0	2,035,407	1,334,892	700,515
	,		0	0	0	0	0		0
	Total Fund Expenditures		191,360,720	240,072,365	200.000	0	240,272,365	-	

SIGNATURES	DATES
Initiating Department/Division	nlulseigh
Administration/Budget Departme	nt Approval
OFMB Department - Posted	

	BY BOARD OF COUNTY COMMISSIONERS
	At Meeting of: 20-Aug-24
_	
	Deputy Clerk to the Board of County Commissioners