

**RESOLUTION NO. 24-128**

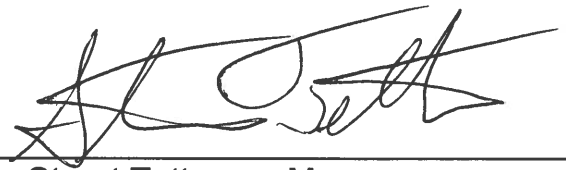
**A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING CHANGE ORDER #10 TO THE CITY'S AGREEMENT WITH CWR CONTRACTING, INC. FOR CONSTRUCTION OF FRONT BEACH ROAD SEGMENT 3 IN THE AMOUNT OF \$115,547.80.**

**BE IT RESOLVED** that the appropriate officers of the City are authorized to execute and deliver on behalf of the City that certain Change Order #10 to the Agreement between the City and CWR Contracting, Inc. for the Front Beach Road Segment 3 Project for the performance of additional work related to interim overhead power service connections and light pole conflict foundations in the basic amount of One Hundred Fifteen Thousand Five Hundred Forty-Seven Dollars and Eighty Cents (\$115,547.80), in substantially the form **attached** and presented to the Council today, with such changes, insertions, or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

**THIS RESOLUTION** shall be effective immediately upon passage.

**PASSED** in regular session this 9<sup>th</sup> day of May, 2024.

**CITY OF PANAMA CITY BEACH**

By:   
Stuart Tetterer, Mayor

**ATTEST:**

  
Lynne Fasone, City Clerk

**CHANGE ORDER**

No. 10

PROJECT	Front Beach Road CRA Segment 3		
DATE OF ISSUANCE	May 9, 2024	EFFECTIVE DATE	May 9, 2024
OWNER	City of Panama City Beach, Florida		
OWNER's Contract No	2018-01		
CONTRACTOR	CWR Contracting, Inc	ENGINEER	Dewberry Engineers

You are directed to make the following changes in the Contract Documents

- Description:
- 1.) Install interim electrical power services at three locations to connect new CRA lighting and irrigation to existing FPL overhead power poles at Service "A", Service "B" and Service "C" as shown on the attached plans (Attachment "A") and Contractor's cost proposal (Attachment "B").  
Lump Sum = \$ 51,547.80
  
  - 2.) Establish contract unit price for installation of conflict foundations for light poles at locations where standard foundations cannot be installed due to utility conflicts. A contract unit price of \$8000.00 per foundation and estimated quantity of 8 EA total locations is established in this pay item based on Engineer's Estimate. Install foundations per attached design (Attachment "C") at locations designated by the Engineer and reflected on final as-built drawings.  
8 EA Light Pole Conflict Foundations at \$ 8000.00 per EA = \$ 64,000.00

**Reason for Change Order:**

This additional work is required for the following reasons:

- 1) Place new street lighting and landscape irrigation pumps into service ahead of the conversion of FPL power to underground service along South Arnold Road and Front Beach Road west of the new roundabout
- 2) Resolve underground conflicts with proposed light poles and existing utilities.

**Special Notice:**

1. The proposed changes have been verified to be within the City of Panama City Beach Construction Design Standards and Specifications
2. This Change Order identifies satisfaction of all compensation and time adjustments related to this change in work.

	CHANGE IN CONTRACT TIME:
Original Contract Price	Original Contract Times: 560
\$28,003,403.41	Substantial Completion: November 24, 2022
	Final Completion: December 24, 2022
	days or dates
Net Changes from previous Change Orders	Net changes from previous Change Orders
\$2,172,869.57	503
	days
Contract Price prior to this Change Order	Contract Time prior to this Change Order
\$30,176,272.98	Substantial Completion: April 10, 2024
	Final Completion: May 10, 2024
	days or dates
Net Increase of this Change Order	Net Increase of this Change Order
\$115,547.80	0
	days
Contract Price with all approved Change Orders	Contract Times with all approved Change Orders
\$30,291,820.78	Substantial Completion: April 10, 2024
	Final Completion: May 10, 2024
	days or dates

**RECOMMENDED:**

By: Scott G. Passmore, PE  
Professional Engineer, State of Florida, License No. 12543  
 Engineer (Authorized Signature)  
 Date: \_\_\_\_\_

**APPROVED**

By: Drew Whittam  
 (Authorized Signature) City Manager  
 Date: 5-14-24

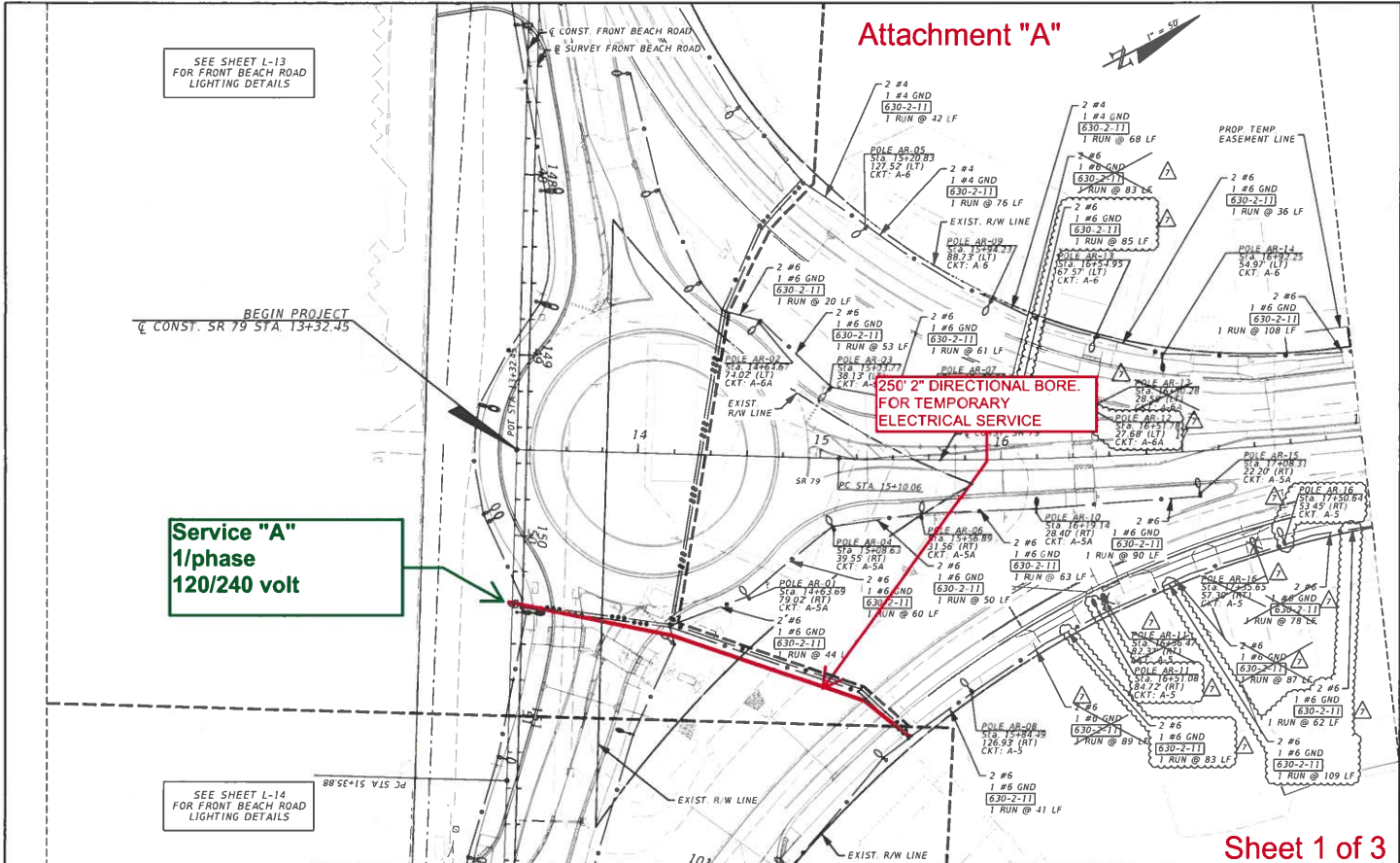
**ACCEPTED**

By: Jerry Powell  
 Contractor (Authorized Signature)  
 Date: 5/11/24

EJCDC No: 1910-4-B (1990 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America.

# Attachment "A"



SEE SHEET L-13 FOR FRONT BEACH ROAD LIGHTING DETAILS

BEGIN PROJECT @ CONST. SR 79 STA. 13+32.45

**Service "A"**  
1/phase  
120/240 volt

SEE SHEET L-14 FOR FRONT BEACH ROAD LIGHTING DETAILS

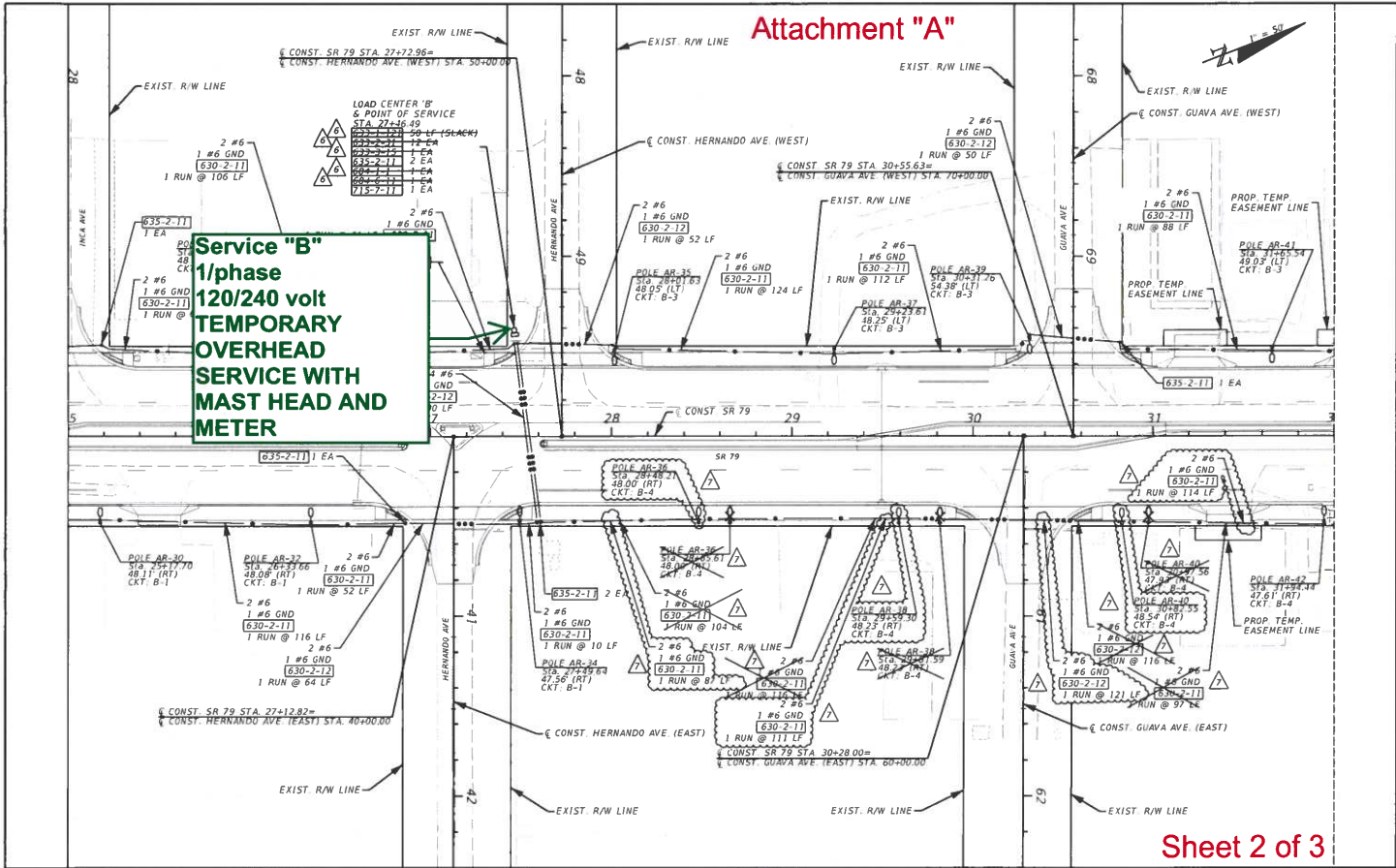
Sheet 1 of 3

REVISIONS		DESCRIPTION	CITY OF PANAMA CITY BEACH COMMUNITY REDEVELOPMENT AGENCY		LIGHTING PLAN (1) SR 79	SHEET NO. L-7
DATE	DESCRIPTION	DATE	ROAD NO	COUNTY		
05/30/21	REVIEWED LIGHTING DESIGN PER REQUEST. ALL POLE NUMBERS, POLE LOCATIONS, CONDUIT RUNS, AND LUMEN USE TYPES HAVE BEEN NOTIFIED.		SR 79	BAY	217911-2-58-01	
08/12/22	UPDATED CROSSWALK LOCATION BASED ON DRIVEWAY CHANGES.					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G17-23.004, F.A.C.

# Attachment "A"

**Service "B"**  
**1/phase**  
**120/240 volt**  
**TEMPORARY**  
**OVERHEAD**  
**SERVICE WITH**  
**MAST HEAD AND**  
**METER**

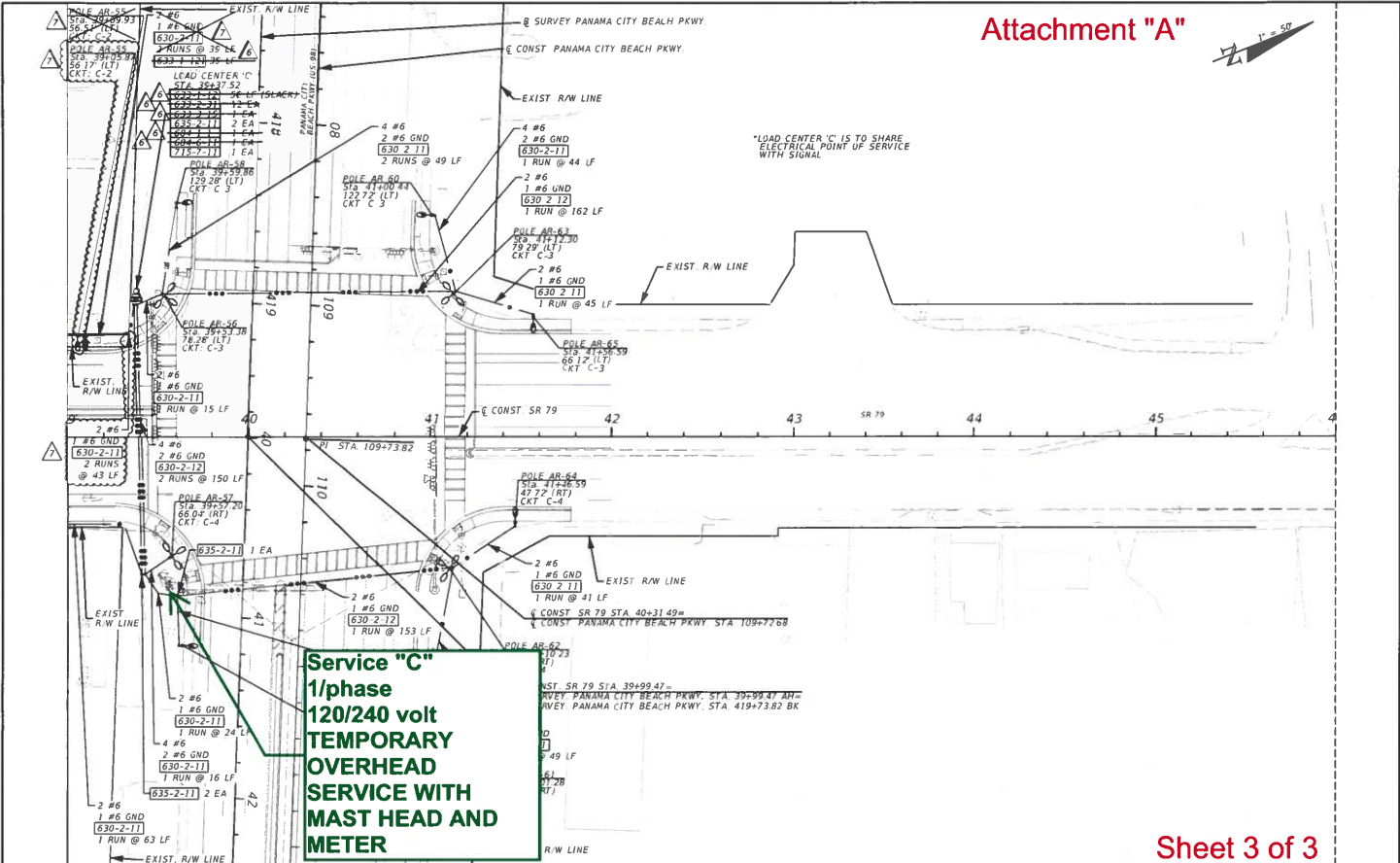
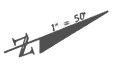


Sheet 2 of 3

REVISIONS		REVISIONS		HEATHER W. REMICK, P.E. P.E. LICENSE NUMBER 80458 GORTENOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408	CITY OF PANAMA CITY BEACH COMMUNITY REDEVELOPMENT AGENCY	ROAD NO SR 79	COUNTY BAY	FINANCIAL PROJECT ID 217911-2-58-01	LIGHTING PLAN (3) SR 79		SHEET NO. L-9
DATE	DESCRIPTION	DATE	DESCRIPTION						DATE	DESCRIPTION	
06/30/21	REVISED LIGHTING DESIGN PER REQUEST. ALL POLE NUMBERS, POLE LOCATIONS, CONDUIT RUNS, AND LUMINAIRE TYPES HAVE BEEN MODIFIED.	03/10/22	REVISED TO REMOVE FIBER & COMMUNICATIONS FOR LIGHTING AND ADD DANNER AND/OUTLETS								
07/16/21	REVISED LIGHTING DESIGN PER REQUEST. POLE NO. 45-2 LOCATION AND ASSOCIATED CONDUIT RUNS HAVE BEEN MODIFIED.	03/12/22	UPDATED BASED ON DRIVEWAY CHANGES								147

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61B3-22.004, F.A.C.

Attachment "A"



Sheet 3 of 3

REVISIONS		DESCRIPTION		CITY OF PANAMA CITY BEACH COMMUNITY REDEVELOPMENT AGENCY		LIGHTING PLAN (5) SR 79	SHEET NO. L-11
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID		
06/30/21	REVISOR LIGHTING DESIGN PER REQUEST. ALL POLE NUMBERS HAVE BEEN MODIFIED.	09/12/22	UPDATED TO MEET UNIFORMITY RATIO FROM DRIVEWAY UPDATES	SR 79	217911-2-58-01		
03/02/22	REVISOR TO REMOVE FIBER & COMMUNICATIONS FROM LIGHTING AND HOV BANNER APPROXIMATELY						

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# Attachment "B"

CRA		Change Directive No 47										17.5%		10%/5% over 50K			
Description	Quan	Unit	Labor	Burden	Materials	Equipment	Trucking	Subtotal	Markup	CWR TOTAL	Subs	Subtotal	Markup	Subs TOTAL	Subtotal CWR & Sub	Bond	TOTAL PRICE
Service A Temporary Service Connection	1.00	LS					\$	\$	\$	\$0.00	\$ 33,261.46	\$ 33,261.46	\$ 3,326.15	\$ 36,587.61	\$ -	\$ -	\$ 36,587.61
Service B Temporary Service Connection	1.00	LS					\$	\$	\$	\$0.00	\$ 7,349.67	\$ 7,349.67	\$ 734.97	\$ 8,084.64	\$ -	\$ -	\$ 8,084.64
Service C Temporary Service Connection	1.00	LS					\$	\$	\$	\$0.00	\$ 6,250.50	\$ 6,250.50	\$ 625.05	\$ 6,875.55	\$ -	\$ -	\$ 6,875.55

Notes:

Total \$51,547.80

### Engineer's Estimate and Cost Analysis - 3 Interim power services:

Engineer's Estimate (EE) - Interim Service "A":

- 630-2-12 - Conduit, Furnish & Install, Directional Bore - 250 LF x \$ 36.93 per LF = \$ 9,232.50 (6 month statewide average)
- 639-2-1 - Electrical Service Wire, Furnish and Install - 60 LF x \$ 11.62 per LF = \$ 697.20 (6 month statewide average)
- 715-7-11 - Load Center, F&I, Secondary Voltage - 1 EA x \$ 24,102.75 per EA = \$ 24,102.75 (6 month statewide average)
- 715-7-21 - Load Center, Rework, Secondary Voltage - 1 EA x \$ 3066.60 per EA = \$ 3,066.60 (6 month statewide average)

Subtotal for EE - Interim Service "A": \$ 37,099.05

Engineer's Estimate (EE) - Interim Service "B":

- 639-1-112 - Electrical Power Service, F&I, Overhead Meter Purchased by Contractor from Power Company - 1 Assembly (AS) x \$ 5,642.20 = \$ 5,642.20 (6 month statewide average)
- 639-2-1 - Electrical Service Wire, Furnish and Install - 35 LF x \$ 11.62 per LF = \$ 406.70 (6 month statewide average)
- 641-2-12 - Prestressed Concrete Pole, F&I, Type P-II (Service Pole) - 1 Assembly (AS) x \$ 2,398.79 = \$ 2,398.79 (6 month statewide average)

Subtotal for Service "B": \$ 8,447.69

Engineer's Estimate (EE) - Interim Service "C":

- 639-1-112 - Electrical Power Service, F&I, Overhead Meter Purchased by Contractor from Power Company - 1 Assembly (AS) x \$ 5,642.20 = \$ 5,642.20 (6 month statewide average)
- 639-2-1 - Electrical Service Wire, Furnish and Install - 45 LF x \$ 11.62 per LF = \$ 522.90 (6 month statewide average)

Subtotal for EE - Interim Service "B": \$ 6,165.10

**Grand Total - Engineer's Estimate - 3 interim power services: \$ 51,711.04**

**Contractor's proposed price of \$ 51,547.80 is less than Engineer's Estimate of \$ 51,711.04.**

**Therefore, Contractor's price is acceptable.**

Scott G. Passmore, PE  
 Digitally signed by Scott G. Passmore, PE  
 DN: C=US, E=spassmore@corradino.com,  
 O=The Corradino Group, OU=Assistant Program  
 Manager, CN=Scott G. Passmore, PE  
 Location: Panama City Beach, Florida  
 Reason: I am approving this document  
 Contact info: 561-512-0474  
 Date: 2023.04.29 14:29:46-05'00'



# Attachment "B"

Florida Department of Transportation  
 Item Average Unit Cost  
 From 2023/10/01 to 2024/03/31  
 Statewide

Contract Type: CC  
 Displaying: ITEMS WITH HITS  
 From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0581 1 8	1	\$1,575.00	\$1,575.00	1.000	EA	N	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY
0590 70	2	\$69,343.90	\$138,687.80	2.000	LS	N	IRRIGATION SYSTEM
0590 70 5	1	\$105,000.00	\$105,000.00	1.000	LS	N	IRRIGATION SYSTEM- MODIFY EXISTING SYSTEM
0590 71 2	1	\$4,000.00	\$4,000.00	1.000	LS	N	IRRIGATION SYSTEM- WATER CONNECTION (DO NOT BID)
0591 1600	2	\$105.73	\$109,531.80	1,036.000	LF	N	IRRIGATION SLEEVE, 6" DIAMETER
0611 1 1	37	\$3,026.84	\$460,760.90	152.225	MI	N	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH
0611 2 1	27	\$2,458.29	\$351,535.84	143.000	EA	N	ITSFM LOCATION DOCUMENTATION- INTERSECTION
0611 2 2	12	\$1,709.08	\$162,362.38	95.000	EA	N	ITSFM LOCATION DOCUMENTATION- ITS SITE
0611 2 3	1	\$2,200.00	\$2,200.00	1.000	EA	N	ITSFM LOCATION DOCUMENTATION- COMMUNICATIONS BUILDING
0630 2 11	81	\$17.40	\$5,568,509.89	319,980.000	LF	N	CONDUIT, FURNISH & INSTALL, OPEN TRENCH
0630 2 12	81	\$36.93	\$12,062,747.00	326,647.000	LF	N	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE
0630 2 14	26	\$46.93	\$321,748.42	6,856.000	LF	N	CONDUIT, FURNISH & INSTALL, ABOVEGROUND
0630 2 15	7	\$66.65	\$1,041,414.82	15,625.000	LF	N	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT
0630 2 16	6	\$20.14	\$369,670.00	18,354.000	LF	N	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS
0630 2 17	1	\$56.13	\$15,491.88	276.000	LF	N	CONDUIT, FURNISH & INSTALL, OPEN TRENCH UNDER PAVEMENT
0630 2 65	2	\$24.55	\$17,011.80	693.000	LF	N	CONDUIT, REMOVE, BRIDGE MOUNT
0630 2100	1	\$18.65	\$466.25	25.000	LF	N	CONDUIT, RELOCATE CONDUIT WITH FIBER/WIRE REMAINING OPERATIONAL
0630 3 1	2	\$840.38	\$21,850.00	26.000	EA	N	REPLACE ROUTE MARKER FOR EXISTING CONDUIT



**Attachment "B"**

Florida Department of Transportation  
 Item Average Unit Cost  
 From 2023/10/01 to 2024/03/31  
 Statewide

Contract Type: CC  
 Displaying: ITEMS WITH HITS  
 From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0639 1111	1	\$8,200.00	\$8,200.00	1.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY
0639 1112	7	\$5,642.20	\$50,779.84	9.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY
0639 1121	7	\$4,620.74	\$55,448.83	12.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY
0639 1122	41	\$5,086.62	\$686,694.29	135.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR
0639 1123	3	\$4,395.83	\$26,374.95	6.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED
0639 1410	1	\$2,255.00	\$2,255.00	1.000	AS	N	ELECTRICAL POWER SERVICE, REL OVERHEAD
0639 1420	3	\$3,534.37	\$10,603.12	3.000	AS	N	ELECTRICAL POWER SERVICE, RELOCATE, UNDERGROUND
0639 1610	9	\$1,103.53	\$14,345.84	13.000	AS	N	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD
0639 1620	15	\$780.88	\$20,302.76	26.000	AS	N	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND
0639 2 1	58	\$11.62	\$1,569,189.12	134,993.000	LF	N	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL
0639 2 4	2	\$7.98	\$510.40	64.000	LF	N	ELECTRICAL SERVICE WIRE, RELOCATE
0639 2 6	19	\$1.10	\$21,448.73	19,431.000	LF	N	ELECTRICAL SERVICE WIRE, REMOVE
0639 3 11	34	\$2,008.49	\$379,604.97	189.000	EA	N	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT
0639 3 12	3	\$1,172.48	\$5,862.40	5.000	EA	N	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET
0639 3 60	6	\$681.14	\$11,579.36	17.000	EA	N	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN





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 Item Average Unit Cost  
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 Statewide

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Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0639 1111	1	\$8,200.00	\$8,200.00	1.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY
0639 1112	7	\$5,642.20	\$50,779.84	9.000	AS	N	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY
0639 1121	7	\$4,620.74	\$55,448.83	12.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY
0639 1122	41	\$5,086.62	\$686,694.29	135.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR
0639 1123	3	\$4,395.83	\$26,374.95	6.000	AS	N	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED
0639 1410	1	\$2,255.00	\$2,255.00	1.000	AS	N	ELECTRICAL POWER SERVICE, REL OVERHEAD
0639 1420	3	\$3,534.37	\$10,603.12	3.000	AS	N	ELECTRICAL POWER SERVICE, RELOCATE, UNDERGROUND
0639 1610	9	\$1,103.53	\$14,345.84	13.000	AS	N	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD
0639 1620	15	\$780.88	\$20,302.76	26.000	AS	N	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND
0639 2 1	58	\$11.62	\$1,569,189.12	134,993.000	LF	N	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL
0639 2 4	2	\$7.98	\$510.40	64.000	LF	N	ELECTRICAL SERVICE WIRE, RELOCATE
0639 2 6	19	\$1.10	\$21,448.73	19,431.000	LF	N	ELECTRICAL SERVICE WIRE, REMOVE
0639 3 11	34	\$2,008.49	\$379,604.97	189.000	EA	N	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT
0639 3 12	3	\$1,172.48	\$5,862.40	5.000	EA	N	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET
0639 3 60	6	\$681.14	\$11,579.36	17.000	EA	N	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN



# Attachment "B"

Florida Department of Transportation  
 Item Average Unit Cost  
 From 2023/10/01 to 2024/03/31  
 Statewide

Contract Type: CC  
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 From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0641 2 11	6	\$2,592.34	\$23,331.10	9.000	EA	N	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL
0641 2 12	54	\$2,398.79	\$582,906.61	243.000	EA	N	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE
0641 2 13	2	\$14,216.86	\$99,517.99	7.000	EA	N	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III
0641 2 18	1	\$25,410.00	\$152,460.00	6.000	EA	N	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VIII
0641 2 60	23	\$601.10	\$30,655.90	51.000	EA	N	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE
0641 2 70	7	\$8,727.39	\$209,457.31	24.000	EA	N	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER
0641 2 80	9	\$9,362.09	\$280,862.58	30.000	EA	N	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER
0641 3163	2	\$38,775.70	\$155,102.78	4.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'
0641 3169	2	\$33,080.60	\$132,322.41	4.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'
0641 3175	2	\$36,543.47	\$146,173.88	4.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'
0641 3180	1	\$48,263.75	\$48,263.75	1.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 80'
0641 3263	1	\$34,000.00	\$34,000.00	1.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING DEVICE, 63'
0641 3275	1	\$36,663.59	\$36,663.59	1.000	EA	N	CONCRETE CCTV POLE, FURNISH & INSTALL WITHOUT LOWERING



# Attachment "B"

Florida Department of Transportation  
 Item Average Unit Cost  
 From 2023/10/01 to 2024/03/31  
 Statewide

Contract Type: CC  
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 From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0715 5 32							LUMINAIRE AND ARM ON NEW/EXISTING POLE
0715 5 51	5	\$659.44	\$5,935.00	9.000	EA	N	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS
0715 7 11	22	\$24,102.75	\$1,132,829.22	47.000	EA	N	LOAD CENTER, F&I, SECONDARY VOLTAGE
0715 7 21	6	\$3,066.60	\$30,666.04	10.000	EA	N	LOAD CENTER, REWORK, SECONDARY VOLTAGE
0715 7 41	9	\$1,026.05	\$17,442.88	17.000	EA	N	LOAD CENTER, REMOVE, SECONDARY VOLTAGE
0715 11125	4	\$2,094.46	\$102,628.40	49.000	EA	N	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT
0715 11211	17	\$2,238.48	\$611,104.67	273.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD
0715 11212	2	\$2,723.32	\$141,612.80	52.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY HIGH MAST
0715 11213	4	\$1,484.18	\$516,495.00	348.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP
0715 11216	4	\$4,021.67	\$144,780.00	36.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, PENDANT/TEARDROP
0715 11500	5	\$267.77	\$12,585.04	47.000	EA	N	LUMINAIRE, REMOVE
0715 19 13	1	\$98,400.00	\$2,164,800.00	22.000	EA	N	HIGH MAST LIGHT POLE, FURNISH AND INSTALL, 120'
0715 19 63	2	\$23,408.91	\$678,858.32	29.000	EA	N	HIGH MAST LIGHT POLE, DEEP FOUNDATION REMOVAL
0715 61100	1	\$11,033.00	\$22,066.00	2.000	EA	N	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 0' ARM LENGTH
0715 61111	4	\$13,783.71	\$358,376.46	26.000	EA	N	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION,



# Attachment "B"

Florida Department of Transportation  
 Item Average Unit Cost  
 From 2023/10/01 to 2024/03/31  
 Statewide

Contract Type: CC  
 Displaying: ITEMS WITH HITS  
 From: 0102 1 To: 9999999

Item	No. of Confs	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0715 5 32							LUMINAIRE AND ARM ON NEW/EXISTING POLE
0715 5 51	5	\$659.44	\$5,935.00	9.000	EA	N	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS
0715 7 11	22	\$24,102.75	\$1,132,829.22	47.000	EA	N	LOAD CENTER, F&I, SECONDARY VOLTAGE
0715 7 21	6	\$3,066.60	\$30,666.04	10.000	EA	N	LOAD CENTER, REWORK, SECONDARY VOLTAGE
0715 7 41	9	\$1,026.05	\$17,442.88	17.000	EA	N	LOAD CENTER, REMOVE, SECONDARY VOLTAGE
0715 11125	4	\$2,094.46	\$102,628.40	49.000	EA	N	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT
0715 11211	17	\$2,238.48	\$611,104.67	273.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD
0715 11212	2	\$2,723.32	\$141,612.80	52.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY HIGH MAST
0715 11213	4	\$1,484.18	\$516,495.00	348.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP
0715 11216	4	\$4,021.67	\$144,780.00	36.000	EA	N	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, PENDANT/TEARDROP
0715 11500	5	\$267.77	\$12,585.04	47.000	EA	N	LUMINAIRE, REMOVE
0715 19 13	1	\$98,400.00	\$2,164,800.00	22.000	EA	N	HIGH MAST LIGHT POLE, FURNISH AND INSTALL, 120'
0715 19 63	2	\$23,408.91	\$678,858.32	29.000	EA	N	HIGH MAST LIGHT POLE, DEEP FOUNDATION REMOVAL
0715 61100	1	\$11,033.00	\$22,066.00	2.000	EA	N	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 0' ARM LENGTH
0715 61111	4	\$13,783.71	\$358,376.46	26.000	EA	N	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION,



Change Order Proposal  
CRA Segment 3

To: Jim Haney  
CWR Contracting, Inc.

April 1, 2024

Re: Service "A" Temporary Service Connection

We are pleased to provide a quotation to furnish all labor, materials, and equipment to complete the scope of work as outlined below.

Install a new directional bore from the Southside of the roundabout to the Northeast ROW along the slip lane in front of Muy Wayno's. Bored conduits to be used to provide underground feeders for the temporary and permanent connection of this Service Point "A". Conduit and wire to be extended up an existing FPL pole adjacent to the overhead transformers. FPL to make the overhead connection which can be converted to the underground system once it is installed and energized.

Culpepper Construction proposes to complete this project for a total cost as detailed below:

Labor:	\$ 3,000.00 (24 hrs. ea. Foreman, Electrician, Operator, Helper)
Supervision	\$ 1,115.00
Labor Burden:	\$ 1,481.40
Materials:	\$ 7,975.77
Equipment:	\$ 6,235.46 (Fork Lift x 2d, Excavator X 2d, Heavy Cable Tugger x 2d, & Man Lift x 2d)
Boring:	\$ 8,500.00 (250' of 3-2" conduits per attached quote)
OH 5%:	\$ 1,415.38
Profit 12.5%:	<u>\$ 3,538.45</u>
<b>Total Cost:</b>	<b>\$33,261.46</b>

KEITH JENNINGS | PROJECT MANAGER  
Electrical Division EC0001125  
CULPEPPER CONSTRUCTION  
t 850.630.6877 | m 850.238.7100  
e [kjennings@culpeppercc.com](mailto:kjennings@culpeppercc.com)  
w [culpepperconstruction.com](http://culpepperconstruction.com)





**BROADBAND TELE COMMUNICATIONS INC.**

900 N. East Avenue, Panama City, FL 32401 (850) 785-2911

COMPANY: Culpepper Construction DATE: 3/22/2024  
 BILLING ADDRESS: \_\_\_\_\_  
 CONTACT NAME: Keith Jennings EMAIL: [kjennungs@culpeppercc.com](mailto:kjennungs@culpeppercc.com)  
 PROJECT NAME: Muy Wayne O's  
Crossing Front Beach Rd @ Round A Bout

**WORK TO BE PERFORMED AND PRICE:**

Directional bore approx. 250' of 2-2" hdpe gray conduit @ \$ 22.00 per ft.	= \$ 5,500.00
Mobilization	= \$ 1,500.00
<b>Total</b>	<b>= \$ 7,000.00</b>

Each additional 2" conduit if needed will be @ \$ 6.00 per ft.

Price to include : Approx. 500' or 750' of 2" hdpe gray conduit  
 Disposal of drilling fluids  
 Standard MOT

**Customer to supply any permit needed**

SUBMITTED BY: Donald Wetherbee Return to  
[swdw5350@gmail.com](mailto:swdw5350@gmail.com)

ACCEPTED BY: \_\_\_\_\_

**TERMS:** Quote is good for 30 days. Prices in effect for above project only. All invoices due within 30 days of the date invoice is sent. Any amount not paid within that time bears interest at the rate of 1.5% per month compounded monthly. BTC retains a lien on all product delivered until paid for. Should BTC resort to collections , contractor will pay all costs, including a reasonable attorney's fee incurred in enforcement of any invoice.

Change Order Proposal  
CRA Segment 3

To: Jim Haney  
CWR Contracting, Inc.

April 1, 2024

Re: Service "B" Temporary Service Connection

We are pleased to provide a quotation to furnish all labor, materials, and equipment to complete the scope of work as outlined below.

Install underground service lateral from the permanent location of Service Meter "B" to a new pole installed to provide for temporary overhead connection. Extend service feeder up the new pole and provide a weather head. FPL to make the overhead connection which can be converted to the underground system once it is installed and energized.

Culpepper Construction proposes to complete this project for a total cost as detailed below:

Labor:	\$1,000.00	(8 hr. each Foreman, Electrician, Operator, Apprentice)
Supervision:	\$ 210.00	
Labor Burden:	\$ 435.60	
Materials:	\$1,406.98	
Equipment:	\$3,202.46	(Fork Lift x 1d, Excavator/Auger x 1d, Sm. Cable Tugger x 1d, Man Lift x 1d)
OH 5%:	\$ 312.75	
Profit 12.5%:	\$ <u>781.88</u>	
<b>Total Cost:</b>	<b>\$7,349.67</b>	

KEITH JENNINGS | PROJECT MANAGER  
Electrical Division EC0001125  
CULPEPPER CONSTRUCTION  
t 850.630.6877 | m 850.238.7100  
e [kjennings@culpeppercc.com](mailto:kjennings@culpeppercc.com)  
w [culpepperconstruction.com](http://culpepperconstruction.com)

Change Order Proposal  
CRA Segment 3

To: Jim Haney  
CWR Contracting, Inc.

April 1, 2024

Re: Service "C" Temporary Service Connection

We are pleased to provide a quotation to furnish all labor, materials, and equipment to complete the scope of work as outlined below.

Install underground service lateral from the permanent location of Service Meter "C" to a pole adjacent to the existing FPL overhead transformers. Extend service feeder up the pole and provide a weather head. FPL to make the overhead connection which can be converted to the underground system once it is installed and energized.

Culpepper Construction proposes to complete this project for a total cost as detailed below:

<b>Labor:</b>	<b>\$1,210.00 (8 hrs. ea. Foreman, Electrician, Operator, Apprentice)</b>
<b>Supervision:</b>	<b>\$ 210.00</b>
<b>Labor Burden:</b>	<b>\$ 435.60</b>
<b>Materials:</b>	<b>\$1,543.60</b>
<b>Equipment:</b>	<b>\$2,138.88 Excavator x 1d, Man Lift x 1d, Sm. Cable Tugger x 1d)</b>
<b>OH 5%:</b>	<b>\$ 266.40</b>
<b>Profit 12.5%:</b>	<b><u>\$ 666.01</u></b>
<b>Total Cost:</b>	<b>\$6,260.50</b>

**KEITH JENNINGS | PROJECT MANAGER**  
Electrical Division EC0001125  
CULPEPPER CONSTRUCTION  
t 850.630.6877 | m 850.238.7100  
e [kjennings@culpeppercc.com](mailto:kjennings@culpeppercc.com)  
w [culpepperconstruction.com](http://culpepperconstruction.com)

# Attachment "C"

## STRUCTURAL NOTES

### GENERAL

- DESIGN CODE DATA  
2023 FLORIDA BUILDING CODE  
ASCE 7-22: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.  
ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY.  
ANSI AF&PA NDS-2005: NATIONAL DESIGN SPECIFICATION FOR WOOD STRUCTURES.  
ACI 530R ASCE 5-08 TMS 402/602-10: BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES
- DESIGN LOADS:  
A. WIND DESIGN CRITERIA  
WIND SPEED = 140 MPH  
EXPOSURE = C  
ENCLOSURE CLASSIFICATION = OPEN (0.00)  
K<sub>z</sub> = 0.9  
K<sub>d</sub> = 1.0  
BASE VELOCITY PRESSURE, Q<sub>s</sub> = 45.5 PSF
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON OR EXISTING STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE SAFETY.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH DESIGNER/ENGINEER. DO NOT SCALE DRAWINGS.
- STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL AND OTHER DESIGN CONSULTANT'S DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THE SHOP DRAWINGS. ANY APPARENT DISCREPANCIES, LIMITATIONS OR CONCERNS RESULTING FROM THIS COORDINATION SHOULD BE RESOLVED WITH THE DESIGNER/ENGINEER IMMEDIATELY.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTING. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY IMMEDIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL BUILDING MATERIALS AND COMPONENTS. COMPONENT LOCATIONS ARE SHOWN FOR DESIGN INTENT. NO EXACT LOCATION, SPECIFICALLY, INDEPENDENTLY PREPARED SHOP DRAWINGS ARE REQUIRED OF ALL TRADES FOR COORDINATION AND BEST PRACTICE. ERRORS OR OMISSIONS IN INSTALLATION DUE TO THE CONTRACTOR'S FAILURE TO COORDINATE THE WORK WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

## MATERIAL SPECIFICATIONS

CONCRETE  
FOOTINGS 3,500 PSI @ 28 DAYS  
ALL OTHER CIP CONCRETE NOT NOTED 3,500 PSI @ 28 DAYS  
CONCRETE REINFORCING STEEL 60 KSI, ASTM A615  
WELDED WIRE REINFORCEMENT 65 KSI, ASTM A185  
ANCHOR RODS ASTM F1554 (GRADE 60)

## FOUNDATION

- GRADE AREAS IN ACCORDANCE WITH ELEVATIONS AND GRADES SHOWN ON THE SITE DRAWINGS AND AS REQUIRED FOR DRAINAGE.
- ALL SLAB ON GRADE AREAS SHALL BE COMPACTED. ALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH COMPACTABLE FILL.
- SLAB ON GRADE TO BE CONSTRUCTED ON A MINIMUM OF 4" OF COMPACTED GRANULAR FILL.
- ALL FILL MATERIAL USED IN GRADING OPERATIONS SHALL CONSIST OF EARTH, WHICH IS FREE OF DEBRIS, BOULDERS OR ORGANIC MATERIAL. FILL SHALL BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED TO 90% OF MOISTURE PROCTOR MAXIMUM DRY DENSITY.
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY AS INDICATED ABOVE.
- THE ENGINEER SHALL BE NOTIFIED IF ACTUAL FIELD CONDITIONS DO NOT MEET BEARING REQUIREMENTS OR, IF QUESTIONABLE SOIL CONDITIONS ARE DISCOVERED INCLUDING BUT NOT LIMITED TO PEAT AND OTHER HIGH ORGANIC SOILS.
- THIS FOUNDATION PLAN IS FOR: THE CITY OF PANAMA CITY BEACH, FL - ROADWAY LIGHTING

## CONCRETE CONSTRUCTION

- ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE LATEST EDITION OF THE FOLLOWING STANDARDS: ACI 318, ACI 315, ACI 301, AND ACI 307.
- ALL CONCRETE, UNLESS SPECIFICALLY NOTED, SHALL BE NORMAL WEIGHT (145 PCF).
- THE COMPRESSIVE STRENGTH OF ALL GROUT USED TO PROVIDE LEVEL BEARING OF COLUMN BASE PLATES SHALL MEET OR EXCEED THE COMPRESSIVE STRENGTH OF THE SUPPORTING CONCRETE MEMBER.
- CONCRETE REINFORCING SHALL HAVE THE FOLLOWING MINIMUM PROTECTIVE COVER:  
CONCRETE CAST AGAINST EARTH = 3"  
CONCRETE EXPOSED TO EARTH OR WEATHER  
#6 THROUGH #18 BARS = 2"  
#5 BAR AND SMALLER = 1-1/2"  
CONCRETE WITH INTERIOR EXPOSURE:  
SLABS, WALLS, JOISTS  
#14 AND #18 BARS = 1-1/2"  
#11 BAR AND SMALLER = 3/4"
- UNLESS NOTED OTHERWISE ON THE DRAWINGS ALL REINFORCING SHALL BE LAPPED TO DEVELOP ITS CAPACITY AS FOLLOWS (SEE TABLE FOLLOWING THIS SECTION)
- FOOTING TO HAVE LIGHT BROOM FINISH TO MATCH SIDEWALK.
- CALCIUM CHLORIDE AND OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
- PLACING OF CONCRETE SHALL BE DONE IN CONFORMANCE WITH ACI-308 FOR COLD WEATHER AND ACI-309 FOR HOT WEATHER.

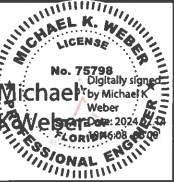
BAR SIZES	STANDARD	TOP BAR	WELSPICE	HOOK
#6	12"	12"	12"	6"
#8	20"	24"	24"	8"
#10	24"	30"	30"	10"
#12	30"	36"	36"	12"

MAXIMUM LAP LENGTHS BY 1.3 FOR TOP BAR CONDITIONS. TOP BARS ARE HORIZONTAL BARS WITH 12 INCHES OR MORE OF CONCRETE BELOW.



3200 W. 23RD STREET  
PANAMA CITY, FL 32405  
MKWEBER.COM

FL CERTIFICATE OF  
AUTHORIZATION # 33120



EOR: MICHAEL K. WEBER P.E.  
STRUCTURAL ENGINEER  
FLORIDA P.E. # 75798

EXAMINED AND ELECTRONICALLY TRANSMITTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SEALED AND THE SIGNATURE SHALL BE VALID WITHOUT THE PRESENCE OF SEAL AND DATE

REV.	DATE	DESCRIPTION

JOB NUMBER: 24040

DRAWN BY: DAW

CHECKED BY: MRW

PLOT DATE: 01/30/24 2:30:24 PM

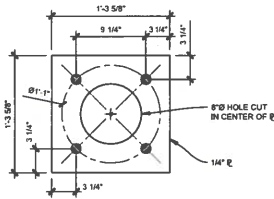
SHEET TITLE

GENERAL STRUCTURAL NOTES

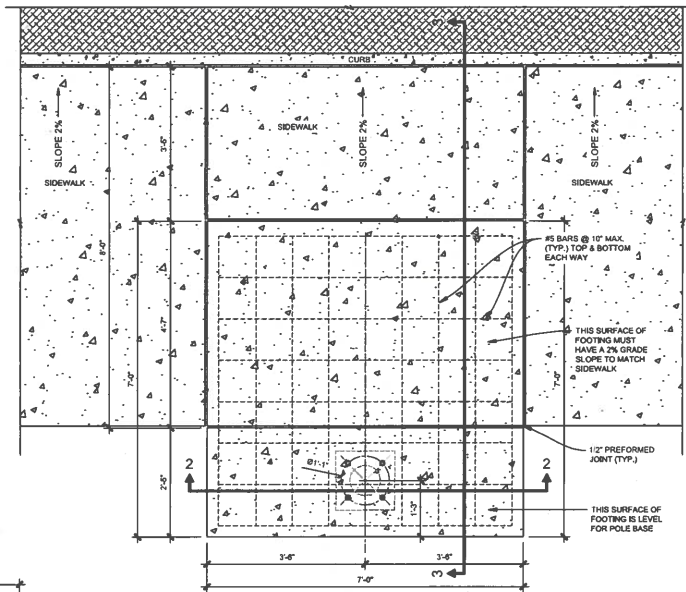
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S000

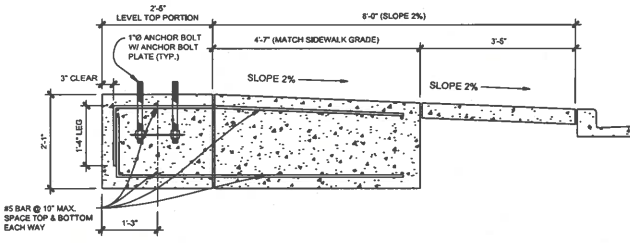
Attachment "C"



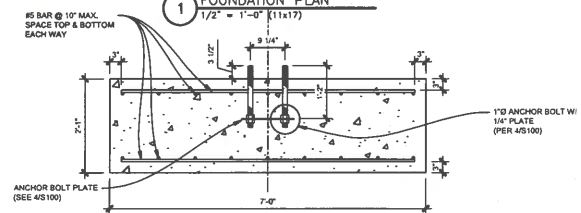
4 ANCHOR BOLT PLATE DETAIL  
1" = 1'-0" (11x17)



1 FOUNDATION PLAN  
1/2" = 1'-0" (11x17)



3 FOUNDATION SECTION  
1/2" = 1'-0" (11x17)



2 FOUNDATION SECTION  
1/2" = 1'-0" (11x17)



**WEBER**  
structural engineering

3200 W. 23RD STREET  
PANAMA CITY, FL 32405  
MKWEBER.COM

FL CERTIFICATE OF  
AUTHORIZATION # 33120



EOR: MICHAEL K. WEBER P.E.  
STRUCTURAL ENGINEER  
FLORIDA P.E. # 75798

ISSUED BY: MICHAEL K. WEBER  
DATE: 2024-05-09  
PROJECT: 240024 1-51 23 AM

NO.	DATE	DESCRIPTION
1		
2		
3		
4		

JOB NUMBER: 240024  
DRAWN BY: DAW  
CHECKED BY: RES  
PLOT DATE: 2/4/2024 1:51:23 AM

FOUNDATION PLAN  
& SECTIONS  
DRAWING NUMBER  
S100





## ***CITY OF PANAMA CITY BEACH AGENDA ITEM SUMMARY***

**1. DEPARTMENT MAKING REQUEST/NAME:**  
Scott Passmore, Community Redevelopment Agency

**2. MEETING  
DATE:** May 9, 2024

**3. REQUESTED MOTION/ACTION:**

Authorize the City Manager to execute proposed Change Order #10 to the agreement with CWR Contracting, Inc. for the Front Beach Road Segment 3 Project.

**4. AGENDA:**

REGULAR AGENDA AND DISCUSSION  
/ ACTION ITEMS

**5. IS THIS ITEM BUDGETED  
(IF APPLICABLE)?:** Yes

Detailed Budget Amendment Attached: No

**6. IDENTIFY STRATEGIC  
PRIORITY:** Transportation  
Public Safety  
Attractive Community

**7. BACKGROUND: WHY IS THE ACTION NECESSARY? WHAT GOAL WILL BE ACHIEVED?**

Proposed Change Order #10 adds the following scopes of work to the Segment 3 construction contract:

- 1) Construct interim overhead power service connections to the existing Florida Power & Light overhead transformers and poles. This will allow the Contractor to energize and place in service the new roadway lighting system along South Arnold Road and Front Beach Road from Carmen Street to Cabana Cay Boulevard, as well as provide power to the roundabout and the new irrigation pumps.
- 2) Construct eight light pole conflict foundations at isolated locations throughout the project limits where standard light pole foundations cannot be installed due to conflicts with existing underground utilities.

This proposed work is required for both roadway safety and to make the project functionally operational in accordance with the intent of the original contract.

If the interim overhead power service connections are not approved, the lighting and irrigation systems will not be able to be placed in service until the FPL underground infrastructure is in place. Once the existing FPL power lines are placed underground, the roadway lighting system will be connected to the new underground infrastructure.

Similarly, If the proposed light pole conflict foundations are not approved, several new light poles will not be able to be placed at the plan locations, resulting in gaps in coverage for the new lighting system and impacts upon the uniformity of lighting along the project.

Community Redevelopment Agency staff recommend approval of Change Order #10.

[Res 24- 128.CWR Change Order 10.FBR Segment](#)

[3.pdf Change Order #10.pdf](#)

[Change Order #10 - Attachment A - Interim Overhead Power Service Plan.pdf](#)

[Change Order #10 - Attachment B - Engineers Estimate and Contractor Proposal - Interim Electrical Services.pdf](#)

[Change Order #10 - Attachment C - Light Pole Conflict Foundation Detail.pdf](#)