

TOWN OF PALM BEACH

Information for Town Council Meeting on: March 20, 2018

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Approve a Purchase Order Increase for the Townwide Overhead Utility
Undergrounding Phase 1 South for AT&T and Comcast Related Improvements
Resolution No. 36-2018

DATE: February 26, 2018

STAFF RECOMMENDATION

Town staff recommends that Town Council approve Resolution No. 36-2018, authorizing a change order to Purchase Order No. 171307 and Construction Manager at Risk Contract to Whiting-Turner Contracting Company (WT) in the amount of \$125,146.86 for the Town-wide Overhead Utility Undergrounding Phase 1 South Project to include additional scope related to the installation of AT&T and Comcast service materials and increasing the Total Construction Undergrounding Phase Budget from \$5,047,058.43 to \$5,172,205.29.

GENERAL INFORMATION

The phase 1 South portion of the undergrounding project, located from Sloan's Curve south to the Town limits, is ongoing and approaching a point where a decision needs to be made in regards to the installation of AT&T and Comcast services conduits. The service conduits are routed from the main line, in the right-of-way, to the service connection point located at each individual residence. The Town is currently in negotiations with AT&T and Comcast as described in the attached March 6, 2018 Memorandum to the Underground Utility Task Force. To continue with the installation of the service conduits and related construction materials a change order increasing the project purchase order will be necessary.

Staff recommends proceeding with the AT&T and Comcast service installations and authorizing a change order to Whiting-turner Contracting Company's Guaranteed Maximum Price Contract. Purchase Order No. 171307 will increase in the amount of \$125,146.86, and establishing a new total construction undergrounding phase budget of \$5,172,205.29.

FUNDING/FISCAL IMPACT

Funding for these services are available within the Underground Utility Project Fund from the proceeds of the Commercial Paper program.

PURCHASING REVIEW

This item has been reviewed by the Purchasing Division and approved as recommended.

TOWN ATTORNEY REVIEW

This resolution has been reviewed and approved by the Town Attorney for legal form and sufficiency.

Attachment

cc: Jane Struder, Director of Finance
Patricia Strayer, P.E., Town Engineer
Jason Debrincat, P.E., Senior Project Engineer
Jeffrey Sanon, P.E., Project Engineer
Michael Roach, P.E., Project Engineer
Steven Stern, Underground Utilities Manager
Dean Mealy, Purchasing Manager

RESOLUTION NO. 36-2018

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF PALM BEACH,
PALM BEACH COUNTY, FLORIDA, APPROVING A PURCHASE ORDER
INCREASE FOR AT&T AND COMCAST RELATED IMPROVEMENTS FOR
THE TOWNWIDE OVERHEAD UTILITY UNDERGROUNDING PHASE 1
SOUTH TO WHITING-TURNER CONTRACTING COMPANY IN AN AMOUNT
OF \$125,146.86 AND ESTABLISHING A TOTAL CONSTRUCTION
UNDERGROUNDING BUDGET OF \$5,172,205.29.

* * * * *

BE IT RESOLVED BY THE TOWN COUNCIL of the Town of Palm Beach, Palm Beach County, Florida as follows:

Section 1. The Town Council of the Town of Palm Beach hereby approves a purchase order increase for AT&T and Comcast Related Improvements to Whiting-Turner Contracting Company, in an amount of \$125,146.86, and establishes a Total Construction Phase Undergrounding Budget of \$5,172,205.29.

Section 2. The Town Manager is hereby authorized to execute a purchase order increase on behalf of the Town of Palm Beach for this improvement, and is authorized to approve additional tasks, as necessary, within budget.

Section 3. The Town Manager, or his designee, is hereby authorized to take such further actions as may be necessary to effectuate the completion of the said project, including any necessary change order work as recommended by the Public Works Director.

PASSED AND ADOPTED in a regular adjourned session of Town Council of the Town of Palm Beach this 20th day of March 2018.

Gail L. Coniglio, Mayor

Town Council President

Council President Pro Tem

Town Council Member

ATTEST:

Town Council Member

Kathleen Dominguez, Town Clerk

Town Council Member

TOWN OF PALM BEACH

Information for Underground Utility Task Force Meeting on: March 6, 2018

TO: Underground Utility Task Force

VIA: Kirk W. Blouin, Town Manager

FROM: Patricia Strayer, P.E., Town Engineer

RE: AT&T and Comcast Service Conduit Change Orders

DATE: March 1, 2018

STAFF RECOMMENDATION

Town staff recommends the Underground Utility Task Force (UUTF) recommend approval of Phase 1 North and South change orders for installation of AT&T and Comcast Service Conduit and Splice Boxes.

GENERAL INFORMATION

The Town of Palm Beach is in the process of converting existing overhead utilities to an underground location. Kimley-Horn previously prepared a master plan along with an opinion of probable cost of \$98.6 million for the program implementation. This opinion was largely based on a “like for like” conversion of the utilities and included the use of direct bury service cable to the residence. It is important to note that in February 2017, both AT&T and Comcast concurred that direct bury of service cable was acceptable. At this time, staff was completing Master Plan value engineering in an effort to reduce program costs closer to \$90 million. Therefore, program costs of \$98.6 million do not include service conduit for either AT&T or Comcast.

The Town expressed interest in exploring design options with AT&T and Comcast to determine if an alternate design could be deployed that both increased the level of service provided to the community and lowered the cost of the program. Multiple meetings were held with both AT&T and Comcast where the service providers presented options that consisted of either Hybrid Fiber/Coax (HFC) systems or complete Fiber Optic (FTTP) systems. Comcast presented their Hybrid Fiber/Coax system to the UUTF in the May 2017 meeting offering a proposal for improved service that was near equal to the “like for like” system with the exception of the addition of service conduit. The Town further negotiated providing service conduit to the property line of every single family home and Comcast would include in their direct cost the additional service conduit from the right-of-way/property line to the point of service. This additional cost is approximately \$1.9 million. It is important to note that the Comcast invoice for Phase 1 direct cost came in \$20,000 less than the estimated budget for this cost. At this point in time, Town staff recommended the Town accept the Comcast proposal.

AT&T also provided costs for an upgraded system. For AT&T the choice is limited to a complete fiber optic system deployment in lieu of the “like for like” copper based system. AT&T’s cost for “like for like” has always been significantly higher than the Comcast program cost. Additionally, AT&T “like for like” direct cost is more than their fiber optic system cost alternative. The significant difference in the AT&T fiber cost proposal from the estimate within the Master Plan is the addition and cost of service conduit to each single family home Town-wide along with increased size of splice boxes, service handholes, and potential pole demolition costs. Town staff has been in continuous negotiations with AT&T since May, 2017. Each offer received from AT&T has included a subsidy for service conduit installed to each single family residential property to assist the Town in offsetting related material and installation costs. The additional cost without a subsidy for this conduit is approximately \$2.85 million. Town staff is continuing to negotiate with AT&T in an attempt to obtain the lowest possible total cost for an AT&T fiber optic system.

The Phase 1 north construction has reached a critical point where any additional delay in the installation of the service conduits will result in an overall project delay and remobilization will result in additional project cost. Staff has delayed this request due to the prolonged negotiations with AT&T because it was difficult to quantify the total program cost impacts without knowing the outcome of those negotiations. The construction has reached a point that the communications providers need to begin their work to stay on schedule. Therefore, change orders for this work are being presented at Town Council on March 20th. The north construction change order is for a total amount of \$371,200.88. The Comcast portion of this change order is \$116,753.58 with the remaining \$254,447.30 attributable to AT&T service conduit and splice boxes. The amount associated with the splice boxes will result in a reduction in the AT&T direct cost. The south construction change order is \$111,824.00. Town staff recommends moving forward with these improvements, while continuing to negotiate with AT&T.

Finally, as these cost are considered, which would increase the overall program budget, a balancing factor is that the Town had an affirmative response from FPL on further consideration of credits for undergrounding. On January 9th the Florida Public Service Commission provided contingent approval for the FPL’s tariff amendments allowing additional CIAC credits for conversion of existing non-hardened overhead feeder facilities to underground feeder facilities. These rates became effective upon the Florida PSC’s formal order which cleared the way for FPL to finalize tariff changes with the effective date being February 13, 2018. These additional credits are expected to apply for all phases of the Town-wide program and the Nightingale-LaPuerta undergrounding project since these initiatives are not yet completed. Staff has requested FPL provide their estimate of the additional savings the Town should realize as a result of the Tariff approval and filing. Staff has estimated these savings to be between \$3 and \$6 million.

FUNDING/FISCAL IMPACT

Funding for these services is available in the Underground Utility Project Fund from the proceeds of the Commercial Paper program.

PURCHASING REVIEW

This item has been reviewed and approved by the Purchasing Division.



Change Notification to Owner

The Whiting-Turner Contracting Company
1901 W. Cypress Creek Road, Suite 101, Fort Lauderdale, FL 33309
Tel: (954) 776-0800 Fax: (954) 776-0797

Project: Town-Wide Overhead Utility Undergrnding Ph.1 -

W-T Job Number: 016885.100

Palm Beach County, FL

Date: 12/05/2017

CN Number: 000013

Project Area:

To: Michael Roach
Town Of Palm Beach
951 Old Okeechobee Road
Suite A
West Palm Beach, FL 33401

From: Matt Moo Young
The Whiting-Turner Contracting Company
1901 W. Cypress Creek Road
Suite 101
Fort Lauderdale, FL 33309

DESCRIPTION: Additional AT&T and Comcast conduits for Ibis Isle

REASON: Design

SOURCE:

SCOPE OF WORK: Additional Comcast & AT&T service conduit was requested per the Town to be installed on Ibis Isle.

CONTRACTORS AFFECTED: C.R. Dunn, Inc.
Wilco Electrical, LLC

RELATED OBJECTS:

AUTHORIZATION

WT REQUESTS AUTHORIZATION TO PROCEED WITH THE CHANGES DESCRIBED ABOVE.
COST/SCHEDULE IMPACT WILL BE AS FOLLOWS:

Cost: \$ 125,146.86

Funding:

SCHEDULE:

- ☐ NO IMPACT
☒ POSSIBLE IMPACT - WT REVIEWING
☐ IMPACT TO SCHEDULE AS FOLLOWS _____

OWNER DIRECTION:

DISTRIBUTION: ☐ ORIGINAL FILE
☐ OWNER/OWNER REP.
☐ ARCHITECT
☐ LENDER

- ☐ PRICE ONLY - DO NOT PROCEED UNTIL PROPOSAL IS APPROVED
☐ PROCEED AND CONFIRM COST
☐ PROCEED FOR NTE COST INDICATED ABOVE
☐ PROCEED T&M
☒ PROCEED FOR LUMP SUM COST ABOVE
☐ PROCEED (NO IMPACT)
☐ PROCEED AND PRICE
☐ CANCEL
☐ REJECTED

Other: _____

OWNER'S REPRESENTATIVE

DATE

3-13-18

COST BREAKDOWN**DATE:** 12/05/2017**JOB NO:** 016885.100**PROJECT AREA:****CN NO:** 000013

Vendor	Description	Budget Code	Billing Amount
	Construction Contingency	016885.100.09999990.X	\$ 0.00
Wilco Electrical, LLC	Undergrounding - Wilco	016885.100.26010000.S	\$ 93,753.00
C.R. Dunn, Inc.	Undergrounding - CR Dunn	016885.100.26050000.S	\$ 28,940.00
	Bond & Insurance	016885.100.93100000.F	\$ 2,453.86
Total Cost of this work:			\$ 125,146.86

APPROVAL:

WHITING-TURNER REQUESTS APPROVAL OF THE FOLLOWING ACTUAL/FINAL COST FOR THIS WORK:

PROPOSAL AMOUNT: **\$ 125,146.86**

OWNER CHANGE REF: _____

SUBMITTED BY: _____

WHITING-TURNER REPRESENTATIVE

DATE

DATE: _____

APPROVED BY: _____

OWNER'S REPRESENTATIVE

DATE

 3-13-18



TOWN OF PALM BEACH
Town-Wide Overhead Utility Undergrounding Phase 1 - South
CN# 013 - Additional AT&T and Comcast Service Conduit at Ibis Isle per the Town's Request



Description	Qty	Units	Unit Rate	Total	Time Extension Requested (calendar days)	Remarks
AT&T Fiber Service & Private Service at Ibis Isle						
Electrical Subcontractor's Pricing	1	LS	\$52,605.00	\$52,605.00	0	<i>This includes all services and private side services per the KHA sketches attached.</i>
Subtotal				\$52,605.00		
Construction Contingency				\$0.00		<i>Construction Contingency carried by the Town</i>
Bond & Insurance				\$1,052.10		
W-T Markup				\$0.00		
Additional ATT Conduits at Ibis Isle Subtotal				\$53,657.10	0	
AT&T Bore Across Ibis Way & Ibis Bridge						
5" Bore (between Ibis Isle east & west)	1	LS	\$7,200.00	\$7,200.00	0	
4" Bore (along Ibis Way between S. Ocean and Ibis Isle East, excluding bridge crossing)	1	LS	\$12,540.00	\$12,540.00		
Bridge Crossing	1	LS	\$9,200.00	\$9,200.00		
Subtotal				\$28,940.00		
Construction Contingency				\$0.00		<i>Construction Contingency carried by the Town.</i>
Bond & Insurance				\$578.80		
W-T Markup				\$0.00		
Comcast Service Conduits at Ibis Isle Subtotal				\$29,518.80	0	
Comcast Service Conduit at Ibis Isle						
Electrical Subcontractor's Pricing	1	LS	\$41,148.00	\$41,148.00	0	<i>This includes all services per the KHA sketches attached. Private side services are excluded.</i>
Subtotal				\$41,148.00		
Construction Contingency				\$0.00		<i>Construction Contingency carried by the Town.</i>
Bond & Insurance				\$822.96		
W-T Markup				\$0.00		
Comcast Service Conduits at Ibis Isle Subtotal				\$41,970.96	0	
AT&T AND COMCAST TOTAL				\$125,146.86		



Electrical, LLC.

• Bus: (305) 248-9911 • Fax: (305) 669-8891

430 Business Park Way, Royal Palm Beach, FL

		39	40	41	42	
ATT	1-1"	255	150	850	270	1525
	2-1"	115	640			755
HH/Ped		1	4	5	2	12
Com	1-1"	206	1435	330	165	2136
	2-1"	70	30	255		355
pull with			100	130		230
HH/Ped		2	5	1	2	10

Att			
1-1"	1525	13 \$	19,825.00
2-1"	755	16 \$	12,080.00
Hand Hole\Ped	12	100 \$	1,200.00
MOT	15	300 \$	4,500.00
Restoration	1	15000 \$	15,000.00
Subtotal		\$	52,605.00

Comcast			
1-1"	2136	13 \$	27,768.00
2-1"	355	16 \$	5,680.00
Pull w/ others	230	-10 \$	(2,300.00)
Hand Hole\Ped	10	100 \$	1,000.00
MOT	5	300 \$	1,500.00
Restoration	1	7500 \$	7,500.00
Subtotal		\$	41,148.00
TOTAL		\$	93,753.00

C. R. Dunn, Inc.

Electrical Construction
1202 Pope Lane / Lake Worth, FL 33460
(561) 585 2155 / fax (561) 585 1233
EC 0001144

Change Order

To: Whiting and Turner

Date: 11/9/17

Attn: Matt Moo Young

Project: Ibis Island AT&T conduits

We submit the following proposal to you on a confidential basis, the information in this proposal is not to be shared with any other person without our written permission. Proposal pertains to the following plans and specifications.

1 missile, approx 40LF, landscape restoration, as-builts	1. 2227 = \$5000.00 \$1,900	2 missiles, approx 60LF, landscape restoration	19. 2283 = \$7500.00 \$6,300	4 missiles, 1 approx 140 LF, ROW restoration, some hand digging, back of house, back of pool, asbuilts
4 missiles, approx 120LF, crossing 2 driveways, landscape restoration, as-builts	2. 2245 = \$3000.00 \$1,900	1 missile, approx 40LF, landscape restoration	20. 2275 = \$3500.00 \$2,400	
1 missile, approx 50LF, landscape restoration, as-builts	3. 2243 = \$3000.00 \$1,900		21. 2284 = \$2000.00 \$1,500	4 missiles, approx 170LF, back of house under driveway, hand dig etc., asbuilts
1 missile, approx 40LF, landscape restoration, as-builts	4. 2250 = \$6000.00 \$4,900	2 missiles, approx 50LF, landscape restoration, asbuilts	22. 2269 = \$8500.00 \$6,700	
2 missiles, approx 70LF, crossing driveway, landscape restoration, asbuilts.	5. 2253 = \$3000.00 \$1,900	2 missiles, approx 170 LF, landscape restoration, asbuilts.	23. 2276 = \$3000.00 \$1,900	2 missiles, approx 60LF, crossing driveway, landscape restoration, asbuilts.
2 missiles, approx. 70LF, crossing driveway, landscape restoration, asbuilts.	6. 2259 = \$3000.00 \$1,900	2 missiles, landscape restoration, asbuilts	24. 2266 = \$2500.00 \$1,800	
2 missile, approx. 70LF across driveway, asbuilts	7. 2258 = \$3000.00 \$1,900	1 missile, approx. 50LF, landscape restoration, asbuilts	25. 2255 = \$3500.00 \$2,300	1 missile, approx 40LF, landscape restoration, asbuilts
2 missiles, approx 80LF, crossing driveway, adjacent to utilities in ROW, asbuilts	8. 2267 = \$3500.00 \$2,400	1 missile, approx 80, landscape restoration, asbuilts	26. 2244 = \$3500.00 \$2,400	1 missile, approx. 50LF some hand digging, landscape restoration, asbuilts
1 missile, approx 30LF minor landscape restoration, asbuilts	9. 2263 = \$3500.00 \$2,400	1 missile, approx. 20LF, hand digging, landscape restoration, asbuilts	27. 2236 = \$3000.00 \$2,000	
4 missiles, approx 200LF. Some hand digging, landscape restoration, asbuilts.	10. 2273 = \$4500.00 \$3,400		28. 2228 = \$ 500.00	
1 missile approx. 40 LF, asbuilts	11. 2285 = \$3500.00 \$2,400		29. 300' = 1 - 5" bore pipe @ \$24.00 ft = \$7,200.00	ok -- unit rate lower than other electrical undergrounding sub
4 missiles, approx 140LF to back of house, landscape restoration, asbuilts.	12. 2291 = \$3500.00 \$2,400		30. 4" Bore to Bridge and bridge to Ibis east 590' @ \$22.00 ft = \$12,980.00	ok -- unit rate lower than other electrical undergrounding sub
1 missile, approx. 50LF, crossing driveway, asbuilts	13. 2278 = \$1500.00 \$1,000		31. Bridge crossing \$9,850.00	\$9,200
1 missile, approx 40 LF, asbuilts (not shown on KHA drawings)	14. 2315 = \$6000.00 \$4,800			
	15. 2323 = \$3000.00 \$1,900			
	16. 2308 = \$8500.00 \$7,000			
	17. 2300 = \$3500.00 \$2,400			
	18. 2288 = \$1500.00 \$1,000			

\$28,940.00

Lump sum Price ~~\$134,030.00~~ \$104,140

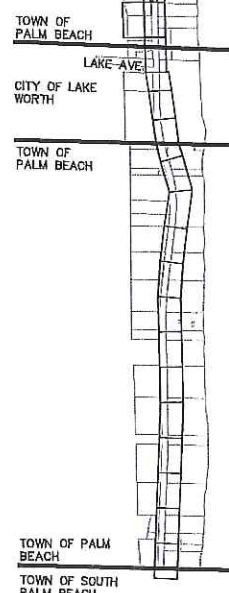
Contingency for Unknown Repairs \$20,000.

This proposal is to remain confidential. This proposal is accepted by you in any of the following methods: A) Utilizing our prices And or value engineering ideas for any purpose, including but not limited to sharing or shopping our price or ideas with any other Person. B) Requesting us to proceed with any of the work for this project. C) Written acceptance of this proposal including letter of intent to enter into a contract. Do to the increase in materials this price is good for only 30 days.

Respectfully submitted



\$124,140.00

Contingency to be held by construction manager until needed for construction. All remaining/unused funds to be returned to owner.

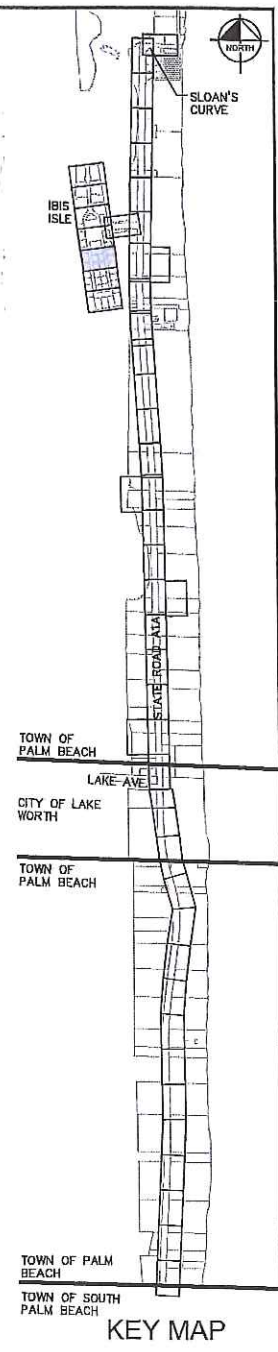
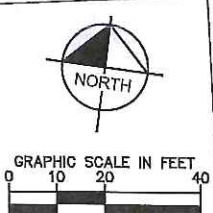
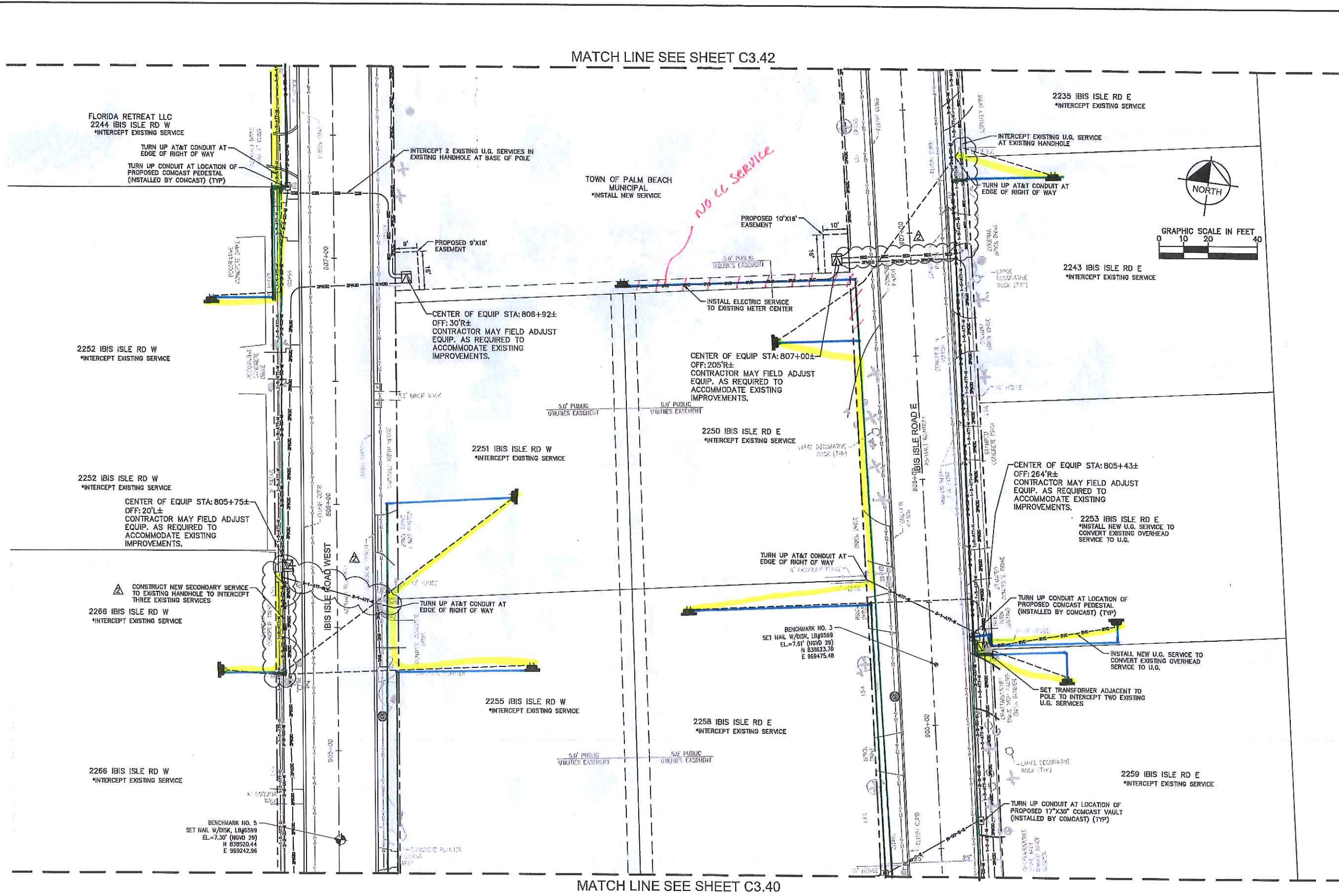


NOTE: PER FPL CONSTRUCTION PLANS,
ALL SERVICES ON IBIS ISLE WILL REQUIRE
4/0 TPX IN 1-2" CONDUIT UNLESS
OTHERWISE NOTED.

ISSUED FOR
CONSTRUCTION

								KHA PROJECT 044163188				TOWNWIDE UNDERGROUNDING PHASE 1				LICENSED PROFESSIONAL				SHEET NUMBER			
CONSULTING ENGINEERS				© 2017 KIMLEY-HORN AND ASSOCIATES, INC.				DATE JULY 2017				PREPARED FOR THE TOWN OF PALM BEACH				SCOTT M. ROSSLLOW				CONDUIT PLANS			
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113 www.MockRoos.com				1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696				SCALE AS SHOWN				THE TOWN OF PALM BEACH				FLORIDA LICENSE NUMBER 79365				C3.39			
ISSUED FOR CONSTRUCTION				7/17				SMR				PALM BEACH				DATE:							
REVISIONS SHEET				5/17				SMR				FLORIDA											
No.				REVISIONS				DATE				BY											
PA#B5040.10				DWG No. 44-43-11-06																			
Florida C.A. No. 48				Florida L.B. No. 48																			

Plotted By: Scott Rosslow
Sheet Set: Underground Phase 1
Layout: C3.41
July 26, 2017
02:01:44am
K:\Users\rosslow\OneDrive - Kimley-Horn and Associates, Inc. Files\2017\07\26\20170726_020144am\TOWNWIDE UNDERGROUNDING PHASE 1\CONDUIT PLANS\CONDUIT PLANS.dwg
This document, together with the proposals and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of any information contained herein without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



NOTE: PER FPL CONSTRUCTION PLANS,
ALL SERVICES ON IBIS ISLE WILL REQUIRE
4/0 TYP IN 1-2" CONDUIT UNLESS
OTHERWISE NOTED.

ISSUED FOR
CONSTRUCTION

MOCK • ROOS			
CONSULTING ENGINEERS			
5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113 www.MockRoos.com			
PA#B5040.10 DWG No. 44-43-11-06 Florida C.A. No. 48 Florida L.B. No. 48			
ISSUED FOR CONSTRUCTION	7/17	SMR	
REVISIONS SHEET	5/17	SMR	
No.	REVISIONS	DATE	BY

Kimley»Horn

© 2017 KIMLEY-HORN AND ASSOCIATES, INC.

1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 044163188
DATE JULY 2017
SCALE AS SHOWN
DESIGNED BY SMR
DRAWN BY SMR
CHECKED BY JPC

**TOWNWIDE UNDERGROUNDING
PHASE 1**

PREPARED FOR
THE TOWN OF PALM BEACH

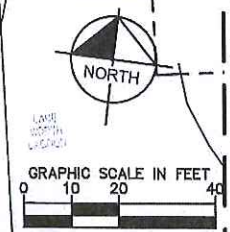
PALM BEACH FLORIDA

LICENSED PROFESSIONAL
SCOTT M. ROSSLOW
FLORIDA LICENSE NUMBER
79365

CONDUIT PLANS

SHEET NUMBER
C3.41

MATCH LINE SEE SHEET C3.41



ISSUED FOR
CONSTRUCTION

<h1>Kimley»»Horn</h1> <p>© 2017 KIMLEY-HORN AND ASSOCIATES, INC.</p> <p>1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411</p> <p>PHONE: 561-845-0665 FAX: 561-863-8175</p> <p>WWW.KIMLEY-HORN.COM CA 00000696</p>	KHA PROJECT 04416.3188
	DATE JULY 2017
	SCALE AS SHOWN
	DESIGNED BY SMF
	DRAWN BY SMF
CHECKED BY JPC	

LICENSED PROFESSIONAL

SCOTT M. ROSSLOW

FLORIDA LICENSE NUMBER
79365

DATE: _____

SHEET NUMBER

C3.42