

# TOWN OF PALM BEACH

Information for Town Council Meeting on: January 10, 2023

---

TO: Mayor & Town Council  
VIA: Kirk W. Blouin, Town Manager  
VIA: Paul Brazil, Public Works Director  
FROM: Patricia Strayer, Town Engineer  
RE: Utility Undergrounding Project Status Report  
DATE: December 27, 2022

---

## I. COMMUNICATIONS:

### A. Community Meetings:

None to report

### B. Significant Residential Communications

Staff meetings for Phase 7 North and South are ongoing. Demonstration chicanes are installed in Phase 7 and are slowly progressing to eliminate these locations. Phase 8 easement meetings are ongoing. A second round of letters have been sent out to Phase 8 property owners. Letters were sent to properties in Phase 6 which are adjacent to right of way placement of equipment.

## II. PROGRESS SUMMARY:

Overall, Town-wide construction progress, ten (10) of fifteen (15) construction zones are either complete or in progress/funded for construction, inclusive of Phases 1N, 1S, 2N, 2S, 3N, 3S, 4N, 4S, 5N and 5S. Phase 6 North and South are awaiting delivery of materials.

### A. Construction Progress:

#### **Phase 1 North:**

From the Inlet south to Onondaga Ave.

- Completed March 30, 2019

#### **Phase 1 South:**

From southern Town limits north to Sloan's Curve

- Completed April 3, 2020

**Phase 2 North Construction:**

From Esplanade Way to Ocean Terrace

- Completed October 29, 2020

**Phase 2 South Construction:**

From Sloan's Curve to the intersection of S. Ocean Blvd & S. County Road

- Phase 2 South, the project is 96% complete. Presently working with FPL on final feeder switching. All conversions are complete. Paving is complete with some items to come back and correct after the new year. Poles will be removed in May due to crews being redirected by FPL to the west coast of Florida after Hurricane Ian. Landscaping of equipment is being completed.

**Phase 3 North Construction:**

From Osceola Way to the north-side of La Puerta Way

- Completed September 17, 2021

**Phase 3 South:**

From S. Ocean Blvd & S. County Road to the alleyway south of Worth Ave.

- Phase 3 South construction is 79% complete. Switching is beginning after the New Year.

**Phase 4 North:**

From south-side of La Puerta Way to north-side of List Road

- Construction for Phase 4 North is 91% complete. All equipment has been installed. Switching is being initiated by FPL. Comcast and ATT are working on equipment installation. Conversions of homes has begun.

**Phase 4 South:**

From Peruvian to Royal Palm Way

- Construction is 21% complete.

**Phase 5 North:**

From Country Club Road to Southland Road

- Design is 100% complete.
- 87 out of 87 (100%) easements are recorded or verbally approved.
- Notice to Proceed was issued September 27, 2021.
- Construction phase is 57% complete.

**Phase 5 South:**

From South Lake Drive/Hibiscus Ave. & Peruvian Ave./Royal Palm Way, properties between the intracoastal waterway and the Atlantic Ocean and from Royal Palm Way to Seaspray Ave.

- Design is 100% complete.
- 83 of 83 (100%) easements are recorded or verbally approved.
- Construction phase is 32% complete.

**Phase 6 North:**

From Chateaux Drive & Kawama Lane to the south-side of Plantation Road

- Design is 99% complete and on schedule.
- 47 of 47 (100%) easements approved.

**Phase 6 South:**

Seaspray Ave. to the south of Royal Poinciana Way

- Design is 100% complete and on schedule.
- 73 of 73 (100%) easements approved.

**Phase 7 North:**

Palm Beach Country Club north to the south side of List Road

- Design is 80% complete and on schedule.
- 58 of 80 (73%) easements approved.

**Phase 7 South:**

Atlantic Ave. north to Via Los Incas & Sanford Ave.

- Design is 81% complete and on schedule.
- 39 of 57 (74%) easements approved.

**Phase 8:**

Royal Poinciana Way north to Everglade Ave.

- Design is 29% complete and on schedule.
- 8 of 98 (8%) easements approved.

### III. FINANCIAL SUMMARY:

#### A. FEMA Grant Update:

- Quarterly submittals are in for approval.

#### B. Project Budget Summary:

There are no significant changes since the last report. Updates include processing of vendor pay applications for design and work performed in active phases. The full Underground Utility Project Financial Report is provided within your backup package with the summary page attached. The table below shows the latest construction cost summary.

Phase Area	Construction Cost Proposal	Master Plan OPC	Difference	% Difference
3S	\$8,029,384.83	\$7,710,000.00	\$319,384.83	+4.1%
4N	\$4,843,009.99	\$5,360,000.00	(\$516,990.01)	-9.6%
4S	\$8,803,506.00	\$6,400,000.00	\$2,403,506.00	+37.6%
5N	\$7,347,435.31	\$6,960,000.00	\$387,435.31	+5.6%
5S	\$8,102,327.89	\$8,940,000.00	(\$837,672.11)	-9.4%
6N	\$7,867,296.00	\$5,620,000.00	\$2,247,296.00	+40.0%
6S	\$8,149,565.00	\$10,040,000.00	(\$1,890,435.00)	-18.8%
<b>Totals</b>	<b>\$53,142,525.02</b>	<b>\$51,030,000.00</b>	<b>\$2,112,525.02</b>	<b>+4.1%</b>

cc: Bob Miracle, Deputy Town Manager  
Kevin Schanen, Kimley-Horn & Associates



**Underground Utility Project Budget  
Project Financial Summary  
December 31, 2022**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
Phase 1	\$ 12,620,000	\$ 12,910,000	\$ 12,773,514	\$ 12,718,730	99.6%
Phase 2	\$ 9,170,000	\$ 13,470,000	\$ 13,348,040	\$ 13,482,698	101.0%
Phase 3	\$ 10,910,000	\$ 15,400,000	\$ 16,427,031	\$ 13,627,580	83.0%
Phase 4	\$ 10,370,000	\$ 15,220,000	\$ 18,026,163	\$ 10,125,514	56.2%
Phase 5 (Includes \$8.5 Million FEMA Grant Offset)	\$ 14,090,000	\$ 11,694,645	\$ 17,950,926	\$ 8,480,100	47.2%
Phase 6	\$ 16,820,000	\$ 20,800,000	\$ 19,966,261	\$ 3,174,143	15.9%
Phase 7	\$ 11,730,000	\$ 15,910,000	\$ 1,720,090	\$ 1,518,784	88.3%
Phase 8	\$ 12,300,000	\$ 14,500,000	\$ 1,446,577	\$ 557,770	38.6%
<b>Total Project Costs To Date</b>	<b>\$ 98,010,000</b>	<b>\$ 119,904,645</b>	<b>\$ 101,658,603</b>	<b>\$ 63,685,321</b>	<b>62.6%</b>
Other Costs Associated Directly with the Project (Page 8)	\$ 570,000	\$ 2,957,405	\$ 2,957,405	\$ 2,701,563	91.3%
<b>Grand Total of Costs Related to Project</b>	<b>\$ 98,580,000</b>	<b>\$ 122,862,050</b>	<b>\$ 104,616,008</b>	<b>\$ 66,386,884</b>	<b>63.5%</b>
Debt Service and Related Debt Issuance Costs (Page 8)			\$ 14,543,157	\$ 14,361,326	98.7%
<b>Total Other Costs Outside Underground Budget (Page 8)</b>			<b>\$ 690,317</b>	<b>\$ 1,679,132</b>	<b>243.2%</b>
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 122,862,050</b>	<b>\$ 105,306,325</b>	<b>\$ 82,427,342</b>	<b>78.3%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 122,862,050</b>
<b>% Budgeted/Encumbered To Date Project Costs</b>	<b>85.15%</b>
<b>% Spent to Date - Project Costs</b>	<b>54.03%</b>

**Project Revenues Received**

Revenues	Budget	Actual	% of Budget
<b>Revenues</b>			
Prepaid Assessments	\$ 18,329,914	\$ 18,329,914	0.0%
Assessment Revenue	\$ 25,280,000	\$ 24,045,469	95.1%
Commercial Paper	\$ -	\$ -	0.0%
Town Owned Property Prepaid Assessments	\$ 2,797,291	\$ 2,797,291	100.0%
Interest	\$ 1,667,009	\$ 3,648,912	218.9%
GO Bond Proceeds 2018	\$ 60,500,000	\$ 60,499,897	100.0%
GO Bond Proceeds 2021	\$ 9,198,896	\$ 9,198,896	100.0%
1 Cent Sales Tax	\$ 5,000,000	\$ 3,125,000	62.5%
FPL	\$ 450,246	\$ 450,246	100.0%
FEMA Grant	\$ 8,500,000	\$ 827,237	9.7%
<b>Other</b>			
Kevin McGann - CO #9	\$ -	\$ 34,900	0.0%
Donations - Civic Association	\$ 49,250	\$ 49,250	100.0%
Transfer from (307) Fund CIP	\$ 760,200	\$ 760,200	100.0%
Transfer from (401) Fund Marina	\$ 5,200,000	\$ 3,250,000	62.5%
Transfer from (001) General Fund - PM Salary	\$ 942,116	\$ 1,065,820	113.1%
<b>Total Project Revenues</b>	<b>\$ 138,674,922</b>	<b>\$ 128,083,033</b>	<b>92.4%</b>

**Underground Utility Project Budget**  
**Phase 1 Project Costs**  
**December 31, 2022**

	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Project Engineering</b>					
Task 2.1 - Detailed Design North End	590,000		472,063	472,063	100.0%
Task 2.2 - Detailed Design South End	740,000		619,411	619,411	100.0%
Task 2.3 - Permitting Assistance			17,790	17,790	100.0%
Task 2.4 - Bid Phase Assistance			42,166	42,166	100.0%
Task 2.5 - Meetings - Design Phase			125,399	125,383	100.0%
<b>Subtotal Design Phase</b>	<b>\$ 1,330,000</b>	<b>\$ 1,280,000</b>	<b>\$ 1,276,829</b>	<b>\$ 1,276,813</b>	<b>100.0%</b>
<b>Construction Costs</b>					
<b>Phase 1 North Construction</b>					
Preconstruction			\$ 19,720	19,720	100.0%
Burkhardt Construction			\$ 3,598,144	3,606,916	100.2%
Street Light Conversion			\$ 135,322	135,322	100.0%
Change Order for AT&T and Comcast Conduit			\$ 500,655	491,883	98.2%
Utility Design Costs			\$ 15,595	79,767	511.5%
Utility Construction Costs (FPL, Comcast, AT&T)			\$ 476,776	325,523	68.3%
Construction Engineering (KH)			\$ 207,771	205,818	99.1%
	<b>\$ 4,210,000</b>	<b>\$ 4,930,000</b>	<b>\$ 4,953,984</b>	<b>\$ 4,864,949</b>	<b>98.2%</b>
<b>Phase 1 South Construction</b>					
Preconstruction			\$ 22,200	22,200	100.0%
Whiting Turner Construction			\$ 4,450,977	4,518,572	101.5%
Utility Design Costs			\$ 33,013	119,725	362.7%
Utility Construction Costs (FPL, Comcast, AT&T)			\$ 1,374,193	1,250,395	91.0%
Construction Engineering (KH)			\$ 317,963	317,483	99.8%
	<b>\$ 6,800,000</b>	<b>\$ 6,350,000</b>	<b>\$ 6,198,347</b>	<b>\$ 6,228,375</b>	<b>100.5%</b>
Easement Recording Fees			\$ 740	740	100.0%
<b>Legal Costs/Easement Acquisition - Jones Foster</b>	<b>\$ 280,000</b>	<b>\$ 350,000</b>	<b>\$ 301,359</b>	<b>\$ 306,723</b>	<b>101.8%</b>
Legal Sketch and Description - Easements			34,000	33,215	97.7%
<b>Easement Abandonment</b>			<b>\$ 8,256</b>	<b>5,120</b>	<b>62.0%</b>
Legal Advertising				2,795	
<b>Total Phase 1 Costs</b>	<b>\$ 12,620,000</b>	<b>\$ 12,910,000</b>	<b>\$ 12,773,514</b>	<b>\$ 12,718,730</b>	<b>99.6%</b>

**Underground Utility Project Budget**  
**Phase 2 Project Costs**  
**December 31, 2022**

	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 2 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 2 North Design	335,000		\$ 281,304	\$ 281,304	100.0%
Task 1.2 Phase 2 South Design	400,000		\$ 335,353	\$ 335,353	100.0%
Task 1.3 Permitting Assistance North and South			\$ 12,674	\$ 12,674	100.0%
Task 1.4 Bid Phase Assistance North and South			\$ 40,565	\$ 40,565	100.0%
Task 1.6 Meetings North and South			\$ 136,617	\$ 131,510	96.3%
<b>Total Phase 2 Design</b>	<b>\$ 735,000</b>	<b>\$ 807,000</b>	<b>\$ 806,513</b>	<b>\$ 801,406</b>	<b>99.4%</b>
<b>Construction Costs</b>					
<b>Phase 2 North Construction</b>					
Preconstruction			\$ 35,000	31,970	91.3%
Burkhardt Construction			\$ 3,932,792	3,932,792	100.0%
Owner Purchased Supplies			\$ 83,073	253,631	305.3%
FPL Design Cost			\$ 11,759	34,936	297.1%
ATT Design Cost			\$ 5,000	\$ 10,000	200.0%
Comcast Design Cost			\$ 5,000	\$ 4,582	91.6%
Utility Costs (FPL, Comcast, AT&T)			\$ 496,307	\$ 423,898	85.4%
FPL - Additional Vista Switches			\$ 55,000	\$ 54,938	99.9%
Construction Engineering (KH)			\$ 248,121	\$ 246,227	99.2%
<b>Total Phase 2 North Construction</b>	<b>3,800,000</b>	<b>5,020,000</b>	<b>\$ 4,872,052</b>	<b>\$ 4,992,974</b>	<b>102.5%</b>
<b>Phase 2 South Construction</b>	-				
Preconstruction			\$ 35,000	87,667	250.5%
Burkhardt Construction			\$ 6,322,275	6,237,992	98.7%
Owner Supplied Materials			\$ 172,321	175,898	102.1%
FPL Design Cost			\$ 13,330	34,936	262.1%
ATT Design Cost			\$ 5,000	\$ 5,000	100.0%
Comcast Design Cost			\$ 5,000	\$ 4,582	91.6%
Utility Costs (FPL, Comcast, AT&T)			\$ 601,448	\$ 601,448	100.0%
Reimburse John Moran				\$ 39,240	
Construction Engineering (KH)	-		\$ 325,280	\$ 313,992	96.5%
<b>Total Phase 2 South Construction</b>	<b>4,435,000</b>	<b>7,424,000</b>	<b>\$ 7,479,654</b>	<b>\$ 7,500,755</b>	<b>100.3%</b>
<b>Easement Acquisition/Abandonment</b>	<b>200,000</b>	<b>219,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Task 1.5 Easement Assistance North			\$ 64,936	\$ 64,935	100.0%
Task 1.5 Easement Assistance South			\$ 77,466	\$ 77,467	100.0%
<i>Surveys</i>					
Task 1.7 Legal Sketch North			\$ 14,020	\$ 14,020	100.0%
Task 1.7 Legal Sketch South			\$ 21,725	\$ 20,689	95.2%
Advertising			\$ 1,200	\$ 1,101	91.7%
Recording Costs			\$ 3,605	\$ 3,359	93.2%
Easement Abandonment			\$ 6,870	\$ 5,994	87.2%
<b>Total Easement Acquisition Costs</b>	<b>200,000</b>	<b>219,000</b>	<b>\$ 189,822</b>	<b>\$ 187,564</b>	<b>98.8%</b>
<b>Total Phase 2 Costs</b>	<b>\$ 9,170,000</b>	<b>\$ 13,470,000</b>	<b>\$ 13,348,040</b>	<b>\$ 13,482,698</b>	<b>101.0%</b>



**Underground Utility Project Budget**  
**Phase 3 Project Costs**  
**December 31, 2022**

	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 3 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 3 North Design	\$ 325,000		\$ 280,189	\$ 280,189	100.0%
Task 1.2 Phase 3 South Design	\$ 535,000		\$ 486,333	\$ 486,323	100.0%
Task 1.3 Permitting Assistance			\$ 13,739	\$ 13,739	100.0%
Task 1.4 Bid Phase Assistance			\$ 36,834	\$ 36,834	100.0%
Task 1.5 Meetings			\$ 77,411	\$ 76,626	99.0%
<b>Total Phase 3 Design</b>	<b>\$ 860,000</b>	<b>\$ 895,000</b>	<b>\$ 894,505</b>	<b>\$ 893,710</b>	<b>99.9%</b>
<b>Construction Costs</b>					
<b>Phase 3 North Construction</b>	<b>\$ 3,700,000</b>	<b>\$ 5,300,000</b>			
Preconstruction			\$ 24,580	\$ 24,580	100.0%
Construction - Burkhardt			\$ 4,100,697	\$ 4,100,697	100.0%
Owner supplied materials			\$ 2,797	\$ 3,456	123.6%
FPL Design Cost			\$ 12,850	\$ 2,700	21.0%
ATT Design Cost			\$ 5,000	\$ 5,000	100.0%
Comcast Design Cost			\$ 3,128	\$ 3,128	100.0%
FPL Construction			\$ 87,101	\$ 87,101	100.0%
Street Light Conversion			\$ 4,249	\$ 7,012	165.0%
Utility Costs (Comcast & ATT)			\$ 409,387	\$ 428,207	104.6%
Construction Engineering (KH)			\$ 236,976	\$ 224,829	94.9%
Daniella Construction - Nightingale/LaPuerta - Townwide portion			\$ 457,851	\$ 457,851	100.0%
FPL Nightingale/LaPuerta - Townwide Portion			\$ 85,796	\$ 85,796	100.0%
Comcast Nightingale/LaPuerta - Townwide Portion			\$ 8,885	\$ 8,885	100.0%
AT&T Nightingale/LaPuerta Townwide Portion			\$ 30,555	\$ 30,555	100.0%
Billing for Arnold Fisher relocate transformer Deanna Davis and Cohan			\$ (17,647)	\$ (17,647)	100.0%
<b>Total Phase 3 North Construction</b>	<b>\$ 3,700,000</b>	<b>\$ 5,300,000</b>	<b>\$ 5,452,205</b>	<b>\$ 5,452,150</b>	<b>100.0%</b>
<b>Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>			
Preconstruction			\$ 33,400	\$ 33,400	100.0%
Construction			\$ 8,029,385	\$ 5,611,276	69.9%
Owner supplied Pipe			\$ 153,809	\$ 138,366	90.0%
FPL Construction			\$ 562,000	\$ 562,905	100.2%
FPL Design Cost			\$ 11,359	\$ 17,159	151.1%
FPL - 101 El Brillo			\$ 10,875	\$ 10,875	100.0%
ATT Design and Construction Cost			\$ 425,000	\$ 5,000	1.2%
Comcast Design and Construction Cost			\$ 195,128	\$ 335,723	172.1%
Construction Engineering (KH)			\$ 322,540	\$ 234,226	72.6%
<b>Total Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>	<b>\$ 9,743,496</b>	<b>\$ 6,948,930</b>	<b>71.3%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 260,000</b>	<b>\$ 330,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Task 1 Easement Assistance North and South			\$ 273,390	\$ 271,913	99.5%
Easement Amendment			\$ 49,285	\$ 49,198	99.8%
<i>Surveys</i>					
Recording Costs			\$ 6,000	\$ 5,137	85.6%
Easement Abandonment			\$ 8,150	\$ 6,542	80.3%
<b>Total Easement Acquisition Costs</b>	<b>\$ 260,000</b>	<b>\$ 330,000</b>	<b>\$ 336,825</b>	<b>\$ 332,791</b>	<b>98.8%</b>
<b>Total Phase 3 Costs</b>	<b>\$ 10,910,000</b>	<b>\$ 15,400,000</b>	<b>\$ 16,427,031</b>	<b>\$ 13,627,580</b>	<b>83.0%</b>

**Underground Utility Project Budget**  
**Phase 4 Project Costs**  
**December 31, 2022**

	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 4 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 4 North Design	\$ 402,000		\$ 312,317	312,317	100.0%
Task 1.2 Phase 4 South Design	\$ 413,000		\$ 451,284	451,284	100.0%
Task 1.3 Permitting Assistance			\$ 14,468	14,468	100.0%
Task 1.4 Bid Phase Assistance			\$ 37,899	37,899	100.0%
Task 1.6 Meetings			\$ 77,911	77,383	99.3%
<b>Total Phase 4 Design</b>	<b>\$ 815,000</b>	<b>\$ 894,000</b>	<b>\$ 893,879</b>	<b>893,351</b>	<b>99.9%</b>
<b>Construction Costs</b>					
<b>Phase 4 North Construction</b>	<b>4,605,000</b>	<b>6,275,000</b>			
Preconstruction			\$ 22,270	22,270	100.0%
Construction Costs			\$ 5,016,315	4,322,486	86.2%
Owner Supplied Pipe and Vaults			\$ 156,238	156,238	100.0%
FPL BCE			\$ 91,543	91,543	100.0%
FPL Design Cost			\$ 12,757	12,850	100.7%
ATT Design Cost			\$ 5,000	5,000	100.0%
Comcast Design and Construction Cost			\$ 173,151	3,128	1.8%
Utility Costs (FPL, Comcast, AT&T)			\$ 4,222	4,222	100.0%
Street Light Conversion FPL			\$ 324,309	270,059	83.3%
Construction Engineering (KH)			\$ 5,805,805	4,887,795	84.2%
<b>Total Phase 4 North Construction</b>	<b>\$ 4,605,000</b>	<b>\$ 6,275,000</b>	<b>\$ 5,805,805</b>	<b>4,887,795</b>	<b>84.2%</b>
<b>Phase 4 South Construction</b>	<b>4,710,000</b>	<b>7,640,000</b>			
Preconstruction			\$ 34,800	34,800	100.0%
Construction			\$ 8,803,506	2,049,943	23.3%
Construction with Lake Drive Park			\$ 320,311	363,499	113.5%
Owner Supplied Pipes			\$ 2,170	2,170	100.0%
Street Light Conversion			\$ 6,688	6,688	100.0%
FPL Design Cost			\$ 13,160	1,350	10.3%
ATT Design Cost			\$ 5,000	5,000	100.0%
Comcast Design Cost			\$ 3,128	3,128	100.0%
Kimley Horn - Design services Hibiscus Ave			\$ 12,047	11,940	99.1%
Utility Costs (FPL, Comcast, AT&T)			\$ 1,334,427	1,334,427	100.0%
Construction Engineering (KH)			\$ 333,659	95,320	28.6%
<b>Total Phase 4 South Construction</b>	<b>\$ 4,710,000</b>	<b>\$ 7,640,000</b>	<b>\$ 10,868,896</b>	<b>3,908,265</b>	<b>36.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance (KH)			\$ 280,270	280,254	100.0%
Easement Assistance (KH) -- Switches			\$ 67,747	67,481	99.6%
Easement Assistance (KH)			\$ 59,369	44,143	74.4%
<i>Surveys</i>					
Legal Sketch			\$ 38,230	38,092	99.6%
Legal Sketch - Switches			\$ 4,967		
Jones Foster - Legal			\$ 7,000	6,133	87.6%
Recording Costs					
Easement Abandonment					
<b>Total Easement Acquisition Costs</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>	<b>\$ 457,583</b>	<b>436,103</b>	<b>95.3%</b>
<b>Total Phase 4 Costs</b>	<b>\$ 10,370,000</b>	<b>\$ 15,220,000</b>	<b>\$ 18,026,163</b>	<b>10,125,514</b>	<b>56.2%</b>



**Underground Utility Project Budget**  
**Phase 5 Project Costs**  
**December 31, 2022**

	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 5</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 5 North Design	\$ 520,000		\$ 454,210	\$ 454,210	100.0%
Task 1.2 Phase 5 South Design	\$ 600,000		\$ 606,951	\$ 606,951	100.0%
Task 1.3 Permitting Assistance North/South			\$ 17,100	\$ 17,100	100.0%
Task 1.4 Bid Phase Assistance North/South			\$ 37,899	\$ 37,899	100.0%
Task 1.6 Meetings North/South			\$ 77,911	\$ 77,905	100.0%
<b>Total Phase 5 Design</b>	<b>\$ 1,120,000</b>	<b>\$ 1,195,000</b>	<b>\$ 1,194,071</b>	<b>\$ 1,194,065</b>	<b>100.0%</b>
<b>Construction Costs</b>					
<b>Phase 5 North Construction</b>	<b>\$ 5,890,000</b>	<b>\$ 8,055,000</b>			
Preconstruction			\$ 59,100	59,100	100.0%
Construction			\$ 6,425,580	3,670,453	57.1%
Construction Manager - Burkhardt			\$ 940,702	413,909	44.0%
Utility Costs (FPL, Comcast, AT&T)			\$ 67,157	67,157	100.0%
AT&T Design			\$ 5,000	5,000	100.0%
FPL Design Costs			\$ 16,223	30,330	187.0%
Reimburse Caren and Gary Marder work performed			\$ 6,100	6,100	100.0%
Construction Engineering (KH)			\$ 334,157	179,168	53.6%
<b>Total Phase 5 North Construction</b>	<b>\$ 5,890,000</b>	<b>\$ 8,055,000</b>	<b>\$ 7,854,019</b>	<b>\$ 4,431,216</b>	<b>56.4%</b>
<b>Phase 5 South Construction</b>	<b>\$ 6,750,000</b>	<b>\$ 10,545,000</b>			
Preconstruction			\$ 59,100	59,100	100.0%
Construction			\$ 6,629,361	1,542,954	23.3%
Infrastructure from Phase 4 south bid - Not part of Grant			\$ 163,350	45,019	27.6%
Construction Manager - Burkhardt			\$ 979,098	391,639	40.0%
Utility Costs (FPL, Comcast, AT&T)			\$ 365,720	365,720	100.0%
AT&T Design			\$ 5,000	5,000	100.0%
FPL Design Costs			\$ 19,283	20,633	107.0%
Construction Engineering (KH)			\$ 334,159	88,608	26.5%
<b>Total Phase 5 South Construction</b>	<b>\$ 6,750,000</b>	<b>\$ 10,545,000</b>	<b>\$ 8,555,071</b>	<b>\$ 2,518,674</b>	<b>29.4%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 218,600	\$ 218,536	100.0%
Easement Assistance			\$ 81,086	\$ 78,699	97.1%
Surveys					
Legal Sketch			\$ 41,080	\$ 32,603	79.4%
Legal Ads			\$ 1,000	\$ 585	58.5%
Recording Costs			\$ 6,000	\$ 5,723	95.4%
Easement Abandonment				\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>	<b>\$ 347,766</b>	<b>\$ 336,146</b>	<b>96.7%</b>
<b>FEMA Grant</b>		<b>\$ (8,465,355)</b>			
<b>Total Phase 5 Costs</b>	<b>\$ 14,090,000</b>	<b>\$ 11,694,645</b>	<b>\$ 17,950,926</b>	<b>\$ 8,480,100</b>	<b>47.2%</b>

**Underground Utility Project Budget**  
**Phase 6 Project Costs**  
**December 31, 2022**

	OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 6 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 6 North Design	\$ 420,000		\$ 475,019	\$ 475,019	100.0%
Task 1.2 Phase 6 South Design	\$ 940,000		\$ 826,551	\$ 826,551	100.0%
Task 1.3 Permitting Assistance North/South			\$ 17,694	\$ 17,694	100.0%
Task 1.4 Bid Phase Assistance North/South			\$ 35,938	\$ 35,938	100.0%
Task 1.6 Meetings North			\$ 84,791	\$ 84,765	100.0%
<b>Total Phase 6 Design</b>	<b>\$ 1,360,000</b>	<b>\$ 1,440,000</b>	<b>\$ 1,439,993</b>	<b>\$ 1,439,967</b>	<b>100.0%</b>
<b>Utility and Construction Costs</b>					
<b>Phase 6 North Construction</b>	<b>\$ 4,790,000</b>	<b>\$ 6,615,000</b>			
Preconstruction			\$ 24,270	24,270	100.0%
Construction			\$ 7,867,296	193,022	2.5%
Approved Change Orders					
FPL Design Cost			\$ 15,868	29,198	184.0%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)			\$ 295,632	295,632	100.0%
Construction Engineering (KH)			\$ 344,177	15,700	4.6%
<b>Total Phase 6 North Construction</b>	<b>\$ 4,790,000</b>	<b>\$ 6,615,000</b>	<b>\$ 8,547,243</b>	<b>\$ 557,822</b>	<b>6.5%</b>
<b>Phase 6 South Construction</b>	<b>\$ 10,270,000</b>	<b>\$ 12,298,000</b>			
Preconstruction			\$ 24,270	24,270	100.0%
Construction			\$ 8,400,000		
Approved Change Orders					
FPL Design Cost			\$ 29,924	29,924	100.0%
ATT Design Cost			\$ 10,000	10,000	100.0%
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)			\$ 754,815	754,815	100.0%
Construction Engineering (KH)			\$ 344,007	11,326	3.3%
<b>Total Phase 6 South Construction</b>	<b>\$ 10,270,000</b>	<b>\$ 12,298,000</b>	<b>\$ 9,563,016</b>	<b>\$ 830,336</b>	<b>8.7%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 351,594	\$ 312,464	88.9%
<i>Surveys</i>					
Legal Sketch			\$ 58,415	\$ 29,893	51.2%
Legal Ads			\$ 1,000	\$ 113	11.3%
Recording Costs			\$ 5,000	\$ 3,548	71.0%
Easement Abandonment				\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>	<b>\$ 416,009</b>	<b>\$ 346,018</b>	<b>83.2%</b>
<b>Total Phase 6 Costs</b>	<b>\$ 16,820,000</b>	<b>\$ 20,800,000</b>	<b>\$ 19,966,261</b>	<b>\$ 3,174,143</b>	<b>15.9%</b>



**Underground Utility Project Budget**  
**Phase 7 Project Costs**  
**December 31, 2022**

	OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 7 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 7 North Design	\$ 450,000		\$ 492,488	\$ 443,239	90.0%
Task 1.2 Phase 7 South Design	\$ 480,000		\$ 630,830	\$ 567,747	90.0%
Task 1.3 Bid Phase Assistance North and South			\$ 35,938	\$ -	0.0%
Task 1.4 Meetings North and South			\$ 77,616	\$ 76,615	98.7%
<b>Total Phase 7 Design</b>	<b>\$ 930,000</b>	<b>\$ 1,237,000</b>	<b>\$ 1,236,872</b>	<b>\$ 1,087,601</b>	<b>87.9%</b>
<b>Utility and Construction Costs</b>					
<b>Phase 7 North Construction</b>	<b>\$ 5,140,000</b>	<b>\$ 7,005,000</b>			
Preconstruction			\$ 47,500	11,515	24.2%
Construction					
Approved Change Orders					
FPL Design Cost			\$ 15,806	27,165	171.9%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 7 North Construction</b>	<b>\$ 5,140,000</b>	<b>\$ 7,005,000</b>	<b>\$ 63,306</b>	<b>\$ 38,680</b>	<b>61.1%</b>
<b>Phase 7 South Construction</b>	<b>\$ 5,380,000</b>	<b>\$ 7,320,000</b>			
Preconstruction			\$ 47,500	11,515	24.2%
Construction					
Approved Change Orders					
FPL Design Cost			\$ 19,953	19,953	100.0%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 7 South Construction</b>	<b>\$ 5,380,000</b>	<b>\$ 7,320,000</b>	<b>\$ 67,453</b>	<b>\$ 31,468</b>	<b>46.7%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 280,000</b>	<b>\$ 348,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 346,459	\$ 358,013	103.3%
Surveys					
Legal Sketch					
Legal Ads			\$ 1,000	\$ 113	11.3%
American Acquisition Group					
Temp Services					
Legal Advertising					
Recording Costs			\$ 5,000	\$ 2,909	58.2%
<b>Total Easement Acquisition Costs</b>	<b>\$ 280,000</b>	<b>\$ 348,000</b>	<b>\$ 352,459</b>	<b>\$ 361,035</b>	<b>102.4%</b>
<b>Total Phase 7 Costs</b>	<b>\$ 11,730,000</b>	<b>\$ 15,910,000</b>	<b>\$ 1,720,090</b>	<b>\$ 1,518,784</b>	<b>88.3%</b>



**Underground Utility Project Budget**  
**Phase 8 Project Costs**  
**December 31, 2022**

	OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 8 Design</b>					
<b>Kimley Horn</b>					
Task 1.1 Phase 8 Design	\$ 1,010,000	\$ 1,151,000	\$ 1,029,017	\$ 308,705	30.0%
Task 1.2 Permitting Assistance			\$ 17,694		0.0%
Task 1.3 Bid Phase Assistance			\$ 14,430		0.0%
Task 1.4 Meetings			\$ 89,778	\$ 4,510	5.0%
<b>Total Phase 8 Design</b>	<b>\$ 1,010,000</b>	<b>\$ 1,151,000</b>	<b>\$ 1,150,919</b>	<b>\$ 313,215</b>	<b>27.2%</b>
<b>Utility and Construction Costs</b>					
<b>Phase 8 Construction</b>	<b>\$ 10,990,000</b>	<b>\$ 13,107,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost			\$ 13,160	13,160	100.0%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 8 North Construction</b>	<b>\$ 10,990,000</b>	<b>\$ 13,107,000</b>	<b>\$ 13,160</b>	<b>\$ 13,160</b>	<b>100.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 300,000</b>	<b>\$ 242,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 227,724	\$ 189,562	83.2%
Surveys					
Legal Sketch					
Legal Ads				\$ 56	
American Acquisition Group					
Kimley Horn Grant Assistance BRIC Grant			\$ 49,774	\$ 41,587	83.6%
Temp Services					
Recording Costs			\$ 5,000	\$ 190	3.8%
<b>Total Easement Acquisition Costs</b>	<b>\$ 300,000</b>	<b>\$ 242,000</b>	<b>\$ 282,498</b>	<b>\$ 231,395</b>	<b>81.9%</b>
<b>Total Phase 8 Costs</b>	<b>\$ 12,300,000</b>	<b>\$ 14,500,000</b>	<b>\$ 1,446,577</b>	<b>\$ 557,770</b>	<b>38.6%</b>

**Underground Utility Project Budget  
Other Project Costs  
December 31, 2022**

<b>Master Plan</b>	<b>Budget</b>	<b>Actual</b>	<b>% Expended</b>
Task 1.1 - Data Collection & GIS Base Mapping	\$ 88,021	\$ 88,021	100.0%
Task 1.1a Data Collection for Future Communications	\$ 23,511	\$ 23,511	100.0%
Task 1.2 - Conceptual Design and Master Plan	\$ 161,756	\$ 161,756	100.0%
Task 1.3 - Project Sequencing and Phasing	\$ 31,244	\$ 31,244	100.0%
Task 1.4 - Assessment of Traffic Impacts	\$ 77,660	\$ 77,660	100.0%
Task 1.5 - Project Delivery Methods	\$ 17,448	\$ 17,448	100.0%
Task 1.6 - Master Plan Document	\$ 45,053	\$ 45,053	100.0%
Task 1.7 - Meetings Master Planning Phase	\$ 113,135	\$ 113,123	100.0%
Task 1.8 - Master Plan Second Half	\$ 40,067	\$ 40,067	100.0%
<b>Subtotal Master Planning</b>	<b>\$ 597,895</b>	<b>\$ 597,883</b>	<b>100.0%</b>
Comcast Preplanning - Master Plan	\$ 12,015	\$ 12,015	100.0%
Assessment Costs, Legal, Fees and Discounts	\$ 950,000	\$ 947,590	99.7%
Project Manager -Pay and benefits	\$ 840,000	\$ 663,311	79.0%
Temp Services - Easement Acquisition	\$ 150,000	\$ 106,050	70.7%
Other Miscellaneous Expenses		\$ 24,620	
General Easement Assistance	\$ 24,976	\$ 24,838	99.4%
Community Outreach	\$ 282,519	\$ 225,256	79.7%
Peer Review Study - Patterson & Dewar (\$50,000 Offsetting Revenue)	\$ 100,000	\$ 100,000	100.0%
<b>Total Other Project Costs</b>	<b>\$ 2,957,405</b>	<b>\$ 2,701,563</b>	<b>91.3%</b>

**Debt Service and Related Debt Issuance Costs**

	<b>Budget</b>	<b>Actual</b>	<b>% Expended</b>
Commercial Paper Issuance Cost	\$ 260,116	\$ 260,116	100.0%
Commercial Paper Interest	\$ 243,096	\$ 243,096	100.0%
Arbitrage Rebate Calculation	\$ 2,500	\$ 2,900	116.0%
Debt Service Fees	\$ 2,000	\$ -	0.0%
GO Bond Closing Costs 2018	\$ 488,271	\$ 487,471	99.8%
GO Bond Closing Costs 2021	\$ 202,169	\$ 202,380	100.1%
GO Bond Debt Service	\$ 13,345,005	\$ 13,165,364	98.7%
<b>Total Debt Service and Related Debt Issuance Costs</b>	<b>\$ 14,543,157</b>	<b>\$ 14,361,326</b>	<b>98.7%</b>

**Related Costs Outside of the Underground Project Budget**

	<b>Budget</b>	<b>Actual</b>	<b>% Expended</b>
<b>Costs paid from (307) Fund CIP</b>			
Underground City of Lake Worth Section			
Project Design	\$ 25,231	\$ 24,430	96.8%
Project Construction	\$ 351,081	\$ 351,081	100.0%
Project Construction Engineering	\$ 11,607	\$ 12,849	110.7%
Utility Cost (FPL, Comcast, AT&T)	\$ 134,333	\$ 127,531	94.9%
Project Meeting Attendance	\$ 3,334	\$ 2,914	87.4%
Total Lake Worth Section	\$ 525,586	\$ 518,805	98.7%
Ibis Way PGD Improvements	\$ 14,583	\$ 14,583	100.0%
Crosswalk Spare Conduits	\$ 26,148	\$ 17,519	67.0%
<b>General Fund Costs</b>			
Goldmacher v TPB Legal and Other Costs		\$ 183,701	
Kosberg v TPB Legal and Other Costs		\$ 615,602	
PBT Real Estate v TPB		\$ 197,178	
Gardner, Bist Bowden, Bush (Shef Wright)		\$ 24,799	
Telecommunications Consultant	\$ 89,000	\$ 83,210	93.5%
Peter Brandt (Contract Negotiations)	\$ 35,000	\$ 23,735	67.8%
<b>Total Related Costs Outside of the Budget</b>	<b>\$ 690,317</b>	<b>\$ 1,679,132</b>	<b>243.2%</b>



## Town of Palm Beach - Underground Utility Project Dashboard - December 2022

**Status Legend**  
 Green - On Task  
 Yellow - Caution  
 Red - Not on Task  
 Complete - Not Shown

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

