

# TOWN OF PALM BEACH

Information for Town Council Meeting on: July 9, 2024

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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: June 24, 2024

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## I. COMMUNICATIONS:

### A. Community Meetings:

None to report

### B. Significant Residential Communications

Staff meetings are focused on Phase 8 easement acquisition.

## II. PROGRESS SUMMARY:

Overall, Town-wide construction progress, thirteen (13) 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, 5S, 6N, 6S and 7N.

### 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
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**Phase 2 South Construction:**

From Sloan's Curve to the intersection of South Ocean Blvd and South County Road

- Completed September 2023.

**Phase 3 North Construction:**

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

- Completed September 17, 2021.

**Phase 3 South:**

From South Ocean Boulevard and South County Road to the alleyway south of Worth Avenue

- Phase 3 South construction is 93% complete.
- Conversions are ongoing.
- At this time, we are unsure when poles will be removed.

**Phase 4 North:**

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

- Poles are in the process of being removed.

**Phase 4 South:**

From Peruvian Avenue to Royal Palm Way

- Construction is 78% complete.

**Phase 5 North:**

From Country Club Road to Southland Road

- Construction phase is 88% complete.
- Comcast has started installation.
- Energizing the underground network has begun.

**Phase 5 South:**

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

- Construction phase is 85% complete.
  - Energizing the underground network has begun.
  - Unsure when poles will be removed.
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**Phase 6 North:**

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

- Construction phase is 73% complete.
- Poles should be removed end of 2024.

**Phase 6 South:**

Seaspray Avenue to the south of Royal Poinciana Way

- Construction is 40%complete.
- Poles should come down in 2025.

**Phase 7 North:**

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

- Construction phase is 21% completed.
- 79 of 79 (100%) easements approved.

**Phase 7 South:**

Atlantic Avenue north to Via Los Incas and Sanford Avenue

- Design is 100% complete and on schedule. Expect to receive bid for review in 30 days.
- 55 of 55 (100%) easements approved.

**Phase 8:**

Royal Poinciana Way north to Everglade Avenue

- Design is 80% complete and on schedule.
  - 107 of 114 (94%) easements approved.
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**III. FINANCIAL SUMMARY:**

**A. FEMA Grant Update:**

FEMA has granted the request for an extension of the completion deadline.

**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 table below shows the latest construction cost summary which has been updated to include Phase 7 South.

<b>Phase Area</b>	<b>Construction Cost Proposal</b>	<b>Master Plan OPC</b>	<b>Difference</b>	<b>% Difference</b>
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	\$7,147,435.31	\$6,960,000.00	\$187,435.31	+2.7%
5S	\$7,962,327.89	\$8,940,000.00	(\$977,672.11)	-10.9%
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%
7N	\$10,472,977.00	\$5,980,000.00	\$4,492,977.00	+75.1%
7S	\$11,442,769.58	\$6,300,000.00	\$5,142,769.58	+81.6%
<b>Totals</b>	<b>\$74,718,271.60</b>	<b>\$63,310,000.00</b>	<b>\$11,408,271.60</b>	<b>+18.0%</b>

As shown in the table above, while there is volatility in the individual phases, the overall construction cost for these eight phases is within 18% of the updated, pre-pandemic Master Plan opinion of cost. Additionally, it should be noted that there is anticipated to be a cost savings of over \$540,000 across Phase 4 North, Phase 5 North, and Phase 5 South through the elimination of chicanes. These anticipated savings are reflected in the table.

The cost proposal for Phase 7 South was predominantly based on unit prices that were originally developed for Phase 7 North, without any adjustment. Phase 7 North was also significantly above the Master Plan opinion of cost for that phase due to it being predominantly based on unit prices that were impacted by historically significant changes in market conditions.

**Underground Utility Project Budget**  
**Project Financial Summary**  
**May 31, 2024**

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	\$ 13,669,545	\$ 13,617,739	99.6%
Phase 3	\$ 10,910,000	\$ 15,400,000	\$ 18,447,002	\$ 15,411,306	83.5%
Phase 4	\$ 10,370,000	\$ 15,220,000	\$ 19,081,845	\$ 17,182,957	90.0%
Phase 5 (Includes \$8.5 Million FEMA Grant Offset)	\$ 14,090,000	\$ 11,694,645	\$ 18,517,330	\$ 14,974,076	80.9%
Phase 6	\$ 16,820,000	\$ 20,800,000	\$ 19,966,261	\$ 9,528,250	47.7%
Phase 7	\$ 11,730,000	\$ 15,910,000	\$ 24,777,484	\$ 3,753,816	15.2%
Phase 8	\$ 12,300,000	\$ 14,500,000	\$ 1,654,946	\$ 1,484,343	89.7%
<b>Total Project Costs To Date</b>	<b>\$ 98,010,000</b>	<b>\$ 119,904,645</b>	<b>\$ 128,887,926</b>	<b>\$ 88,671,218</b>	<b>68.8%</b>
Other Costs Associated Directly with the Project (Page 8)	\$ 570,000	\$ 2,957,405	\$ 2,957,405	\$ 2,834,542	95.8%
<b>Grand Total of Costs Related to Project</b>	<b>\$ 98,580,000</b>	<b>\$ 122,862,050</b>	<b>\$ 131,845,331</b>	<b>\$ 91,505,760</b>	<b>69.4%</b>
Debt Service and Related Debt Issuance Costs (Page 8)			\$ 19,420,699	\$ 19,420,409	100.0%
Total Other Costs Outside Underground Budget (Page 8)			\$ 690,317	\$ 1,686,453	244.3%
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 122,862,050</b>	<b>\$ 132,535,648</b>	<b>\$ 112,612,622</b>	<b>85.0%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 122,862,050</b>
% Budgeted/Encumbered To Date Project Costs	107.31%
% Spent to Date - Project Costs	74.48%

**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	\$ 29,080,543	115.0%
Commercial Paper	\$ -	\$ -	0.0%
Town Owned Property Prepaid Assessments	\$ 2,797,291	\$ 2,797,291	100.0%
Interest	\$ 1,667,009	\$ 5,662,583	339.7%
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 (CIP Pay go)	\$ 5,000,000	\$ 3,500,000	70.0%
FPL	\$ 450,246	\$ 450,246	100.0%
FEMA Grant	\$ 8,500,000	\$ 3,919,184	46.1%
<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	\$ 1,551,867	204.1%
Transfer from (401) Fund Marina	\$ 5,200,000	\$ 7,933,333	152.6%
Transfer from (001) General Fund - PM Salary	\$ 942,116	\$ 1,209,157	128.3%
<b>Total Project Revenues</b>	<b>\$ 138,674,922</b>	<b>\$ 144,217,062</b>	<b>104.0%</b>

**Underground Utility Project Budget**  
**Phase 1 Project Costs**  
**May 31, 2024**

	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>	5,120	62.0%
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**  
**May 31, 2024**

	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			\$ 253,631	253,631	100.0%
FPL Design Cost			\$ 34,936	34,936	100.0%
ATT Design Cost			\$ 10,000	\$ 10,000	100.0%
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>\$ 5,070,787</b>	<b>\$ 4,992,974</b>	<b>98.5%</b>
<b>Phase 2 South Construction</b>	-				
Preconstruction			\$ 35,000	87,667	250.5%
Burkhardt Construction			\$ 6,419,862	6,367,234	99.2%
Owner Supplied Materials			\$ 175,898	175,898	100.0%
FPL Design Cost			\$ 34,936	34,936	100.0%
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	\$ 319,791	98.3%
<b>Total Phase 2 South Construction</b>	<b>4,435,000</b>	<b>7,424,000</b>	<b>\$ 7,602,424</b>	<b>\$ 7,635,795</b>	<b>100.4%</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>\$ 13,669,545</b>	<b>\$ 13,617,739</b>	<b>99.6%</b>

**Underground Utility Project Budget**  
**Phase 3 Project Costs**  
**May 31, 2024**

	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 Cohlan			\$ (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	\$ 9,937,101	\$ 6,696,099	67.4%
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			\$ 537,254	\$ 631,371	117.5%
Comcast Design and Construction Cost			\$ 195,128	\$ 335,723	172.1%
Construction Engineering (KH)			\$ 322,540	\$ 306,758	95.1%
<b>Total Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>	<b>\$ 11,763,466</b>	<b>\$ 8,732,656</b>	<b>74.2%</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>\$ 18,447,002</b>	<b>\$ 15,411,306</b>	<b>83.5%</b>



**Underground Utility Project Budget**  
**Phase 4 Project Costs**  
**May 31, 2024**

	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	4,923,217	98.1%
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)			\$ 353,715	353,715	100.0%
Street Light Conversion FPL			\$ 4,222	4,222	100.0%
Construction Engineering (KH)			\$ 324,309	324,023	99.9%
<b>Total Phase 4 North Construction</b>	<b>\$ 4,605,000</b>	<b>\$ 6,275,000</b>	<b>\$ 6,159,520</b>	<b>5,896,206</b>	<b>95.7%</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			\$ 8,909,957	7,284,901	81.8%
Construction with Lake Drive Park			\$ 320,311	363,499	113.5%
Owner Supplied Pipes			\$ 2,170	2,170	100.0%
Reimbursement from Preservation Foundation			\$ (102,500)	(102,500)	100.0%
Street Light Conversion (FPL)			\$ 7,098	7,098	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)			\$ 2,013,298	2,075,861	103.1%
Construction Engineering (KH)			\$ 333,659	234,266	70.2%
<b>Total Phase 4 South Construction</b>	<b>\$ 4,710,000</b>	<b>\$ 7,640,000</b>	<b>\$ 11,552,128</b>	<b>9,921,512</b>	<b>85.9%</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	60,956	102.7%
<i>Surveys</i>					
Legal Sketch			\$ 38,230	38,092	99.6%
Legal Sketch - Switches			\$ 4,967		
Jones Foster - Legal					
Recording Costs			\$ 7,000	6,371	91.0%
Easement Abandonment			\$ 18,735	18,735	100.0%
<b>Total Easement Acquisition Costs</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>	<b>\$ 476,318</b>	<b>471,889</b>	<b>99.1%</b>
<b>Total Phase 4 Costs</b>	<b>\$ 10,370,000</b>	<b>\$ 15,220,000</b>	<b>\$ 19,081,845</b>	<b>17,182,957</b>	<b>90.0%</b>

**Underground Utility Project Budget**  
**Phase 5 Project Costs**  
**May 31, 2024**

	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			\$ 6,456,367	5,697,130	88.2%
Construction Manager - Burkhardt			\$ 940,702	966,636	102.8%
Utility Costs (FPL, Comcast, AT&T)			\$ 333,639	333,639	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)			\$ 334,147	318,471	95.3%
<b>Total Phase 5 North Construction</b>	<b>\$ 5,890,000</b>	<b>\$ 8,055,000</b>	<b>\$ 8,151,279</b>	<b>\$ 7,416,406</b>	<b>91.0%</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	4,156,205	62.7%
Infrastructure from Phase 4 south bid - Not part of Grant			\$ 163,350	57,460	35.2%
Construction Manager - Burkhardt			\$ 979,098	783,278	80.0%
Four Arts Reimbursement			\$ (8,493)	(8,493)	
Utility Costs (FPL, Comcast, AT&T)			\$ 641,597	676,082	105.4%
AT&T Design			\$ 5,000	5,000	100.0%
FPL Design Costs			\$ 21,043	21,043	100.0%
Construction Engineering (KH)			\$ 334,159	274,482	82.1%
<b>Total Phase 5 South Construction</b>	<b>\$ 6,750,000</b>	<b>\$ 10,545,000</b>	<b>\$ 8,824,214</b>	<b>\$ 6,024,157</b>	<b>68.3%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 218,600	218,602	100.0%
Easement Assistance			\$ 81,086	78,699	97.1%
<i>Surveys</i>					
Legal Sketch			\$ 41,080	35,672	86.8%
Legal Ads			\$ 1,000	585	58.5%
Recording Costs			\$ 6,000	5,891	98.2%
Easement Abandonment				\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>	<b>\$ 347,766</b>	<b>\$ 339,448</b>	<b>97.6%</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>\$ 18,517,330</b>	<b>\$ 14,974,076</b>	<b>80.9%</b>

**Underground Utility Project Budget**  
**Phase 6 Project Costs**  
**May 31, 2024**

	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	3,823,985	48.6%
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	554,193	187.5%
Construction Engineering (KH)			\$ 344,177	254,392	73.9%
<b>Total Phase 6 North Construction</b>	<b>\$ 4,790,000</b>	<b>\$ 6,615,000</b>	<b>\$ 8,547,243</b>	<b>\$ 4,686,038</b>	<b>54.8%</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	2,015,360	24.0%
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	153,785	44.7%
<b>Total Phase 6 South Construction</b>	<b>\$ 10,270,000</b>	<b>\$ 12,298,000</b>	<b>\$ 9,563,016</b>	<b>\$ 2,988,154</b>	<b>31.2%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 351,594	\$ 371,979	105.8%
<i>Surveys</i>					
Legal Sketch			\$ 58,415	\$ 38,011	65.1%
Legal Ads			\$ 1,000	\$ 113	11.3%
Recording Costs			\$ 5,000	\$ 3,989	79.8%
Easement Abandonment				\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>	<b>\$ 416,009</b>	<b>\$ 414,091</b>	<b>99.5%</b>
<b>Total Phase 6 Costs</b>	<b>\$ 16,820,000</b>	<b>\$ 20,800,000</b>	<b>\$ 19,966,261</b>	<b>\$ 9,528,250</b>	<b>47.7%</b>

**Underground Utility Project Budget**  
**Phase 7 Project Costs**  
**May 31, 2024**

	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	\$ 492,488	100.0%
Task 1.2 Phase 7 South Design	\$ 480,000		\$ 630,830	\$ 630,830	100.0%
Task 1.3 Bid Phase Assistance North and South			\$ 35,938	\$ 32,344	90.0%
Task 1.4 Meetings North and South			\$ 77,616	\$ 77,535	99.9%
<b>Total Phase 7 Design</b>	<b>\$ 930,000</b>	<b>\$ 1,237,000</b>	<b>\$ 1,236,872</b>	<b>\$ 1,233,197</b>	<b>99.7%</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			\$ 10,472,977	1,646,868	15.7%
Chicane Demonstrations			\$ 47,500	19,558	41.2%
FPL Design Cost			\$ 15,806	27,165	171.9%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)			\$ 245,460	245,460	100.0%
Construction Engineering (KH)			\$ 354,458	86,115	24.3%
<b>Total Phase 7 North Construction</b>	<b>\$ 5,140,000</b>	<b>\$ 7,005,000</b>	<b>\$ 11,183,701</b>	<b>\$ 2,036,681</b>	<b>18.2%</b>
<b>Phase 7 South Construction</b>	<b>\$ 5,380,000</b>	<b>\$ 7,320,000</b>			
Preconstruction			\$ 47,500	23,485	49.4%
Construction			\$ 11,442,770		
Chicane Demonstrations			\$ 47,500	19,558	41.2%
FPL Design Cost			\$ 19,953	19,953	100.0%
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)			\$ 376,765		
<b>Total Phase 7 South Construction</b>	<b>\$ 5,380,000</b>	<b>\$ 7,320,000</b>	<b>\$ 11,934,488</b>	<b>\$ 62,996</b>	<b>0.5%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 280,000</b>	<b>\$ 348,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 346,459	\$ 346,356	100.0%
Easement Assistance			\$ 69,964	\$ 69,919	99.9%
<i>Surveys</i>					
Legal Sketch					
Legal Ads			\$ 1,000	\$ 113	11.3%
American Acquisition Group					
Temp Services					
Legal Advertising					
Recording Costs			\$ 5,000	\$ 4,555	91.1%
<b>Total Easement Acquisition Costs</b>	<b>\$ 280,000</b>	<b>\$ 348,000</b>	<b>\$ 422,423</b>	<b>\$ 420,942</b>	<b>99.6%</b>
<b>Total Phase 7 Costs</b>	<b>\$ 11,730,000</b>	<b>\$ 15,910,000</b>	<b>\$ 24,777,484</b>	<b>\$ 3,753,816</b>	<b>15.2%</b>

**Underground Utility Project Budget**  
**Phase 8 Project Costs**  
**May 31, 2024**

	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	\$ 967,276	94.0%
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	\$ 84,935	94.6%
Task 1.5 Easement Assistance			\$ 129,997	\$ 129,993	100.0%
<b>Total Phase 8 Design</b>	<b>\$ 1,010,000</b>	<b>\$ 1,151,000</b>	<b>\$ 1,280,916</b>	<b>\$ 1,182,204</b>	<b>92.3%</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	\$ 226,073	99.3%
Additional Easement Assistance PO240618			\$ 78,372	\$ 19,584	25.0%
<i>Surveys</i>					
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	\$ 1,679	33.6%
<b>Total Easement Acquisition Costs</b>	<b>\$ 300,000</b>	<b>\$ 242,000</b>	<b>\$ 360,870</b>	<b>\$ 288,980</b>	<b>80.1%</b>
<b>Total Phase 8 Costs</b>	<b>\$ 12,300,000</b>	<b>\$ 14,500,000</b>	<b>\$ 1,654,946</b>	<b>\$ 1,484,343</b>	<b>89.7%</b>

**Underground Utility Project Budget  
Other Project Costs  
May 31, 2024**

<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>
<b>Comcast Preplanning - Master Plan</b>	<b>\$ 12,015</b>	<b>\$ 12,015</b>	<b>100.0%</b>
<b>Assessment Costs, Legal, Fees and Discounts</b>	<b>\$ 950,000</b>	<b>\$ 948,097</b>	<b>99.8%</b>
<b>Project Manager -Pay and benefits</b>	<b>\$ 840,000</b>	<b>\$ 786,590</b>	<b>93.6%</b>
<b>Temp Services - Easement Acquisition</b>	<b>\$ 150,000</b>	<b>\$ 106,050</b>	<b>70.7%</b>
<b>Other Miscellaneous Expenses</b>		<b>\$ 31,395</b>	
<b>General Easement Assistance</b>	<b>\$ 24,976</b>	<b>\$ 24,838</b>	<b>99.4%</b>
<b>Community Outreach</b>	<b>\$ 282,519</b>	<b>\$ 227,674</b>	<b>80.6%</b>
<b>Peer Review Study - Patterson &amp; Dewar (\$50,000 Offsetting Revenue)</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>100.0%</b>
<b>Total Other Project Costs</b>	<b>\$ 2,957,405</b>	<b>\$ 2,834,542</b>	<b>95.8%</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	\$ 4,300	172.0%
Debt Service Fees	\$ 2,000	\$ 500	25.0%
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	\$ 18,222,547	\$ 18,222,547	100.0%
<b>Total Debt Service and Related Debt Issuance Costs</b>	<b>\$ 19,420,699</b>	<b>\$ 19,420,409</b>	<b>100.0%</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>			
<b>Underground City of Lake Worth Section</b>			
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%
<b>Total Lake Worth Section</b>	<b>\$ 525,586</b>	<b>\$ 518,805</b>	<b>98.7%</b>
Ibis Way PGD Improvements	\$ 14,583	\$ 14,583	100.0%
Crosswalk Spare Conduits	\$ 26,148	\$ 24,841	95.0%
<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>\$ 1,686,453</b>	<b>244.3%</b>

# Town of Palm Beach - Underground Utility Project Dashboard - May 2024

**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%

