

# TOWN OF PALM BEACH

Information for Town Council Meeting on: March 10, 2020

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To: Mayor & Town Council

Via: Kirk W. Blouin, Town Manager

From: Steven Stern, Underground Utilities Project Manager

Re: Utility Undergrounding Project Status Report

Date: February 27, 2020

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## I. Communications

### A. Community Meetings:

- North Phases: Coffee with the Crew & Town Staff  
**The 1<sup>st</sup> Monday of each month.**  
Where: Palmo Way Park Area, east side near the Town Pump Station  
When: March 2, 2020, 8AM (Next meeting April 6)
- South Phases: Coffee with the Crew & Town Staff  
**The 2<sup>nd</sup> Monday of each month.**  
Where: South fire station, meeting room – A1A across from Ibis Isle.  
When: March 9, 2020, 8AM (Next meeting April 13)
- Phase 5 South – Sea Street Undergrounding Review  
Presentation and Q&A to provide undergrounding design information for Seaspray Avenue and Seaview Avenue.  
Where: Morton & Barbara Mandel Recreation Center, 440 Seaview Avenue, “After School Room”  
When: March 13<sup>th</sup>, 10AM

The Town calendar includes all scheduled community meetings through end of 2020.

### B. Significant Mail

- A letter sent to specific Phase 3 South property owners requesting support for remaining critical path easements.
- Letter sent advising specific Phase 4 North property owners of a potential Chicane, requesting a meeting and support for equipment placement.

## II. Progress Summary:

### A. Construction Progress:

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

From the southern Town limit north to Sloan's Curve.

- FPL's overhead system decommission activities are 50% complete. The poles and wires are removed on Ibis Isle and A1A south of Lake Worth. FPL plans to begin decom north of Lake Worth along A1A to Sloan's Curve beginning March 2, 2020.



*Figure 1- Ibis Isle overhead system decom occurred in January 2020*



*Figure 2 - A1S south of Lake Worth overhead system decom occurred in February 2020*

**Phase 2 North Construction:**

From Esplanade Way to Ocean Terrace.

- Phase 2 North construction is 77% complete.
- Comcast conversions and decommissioning are complete.
- ATT decommissioning and conversions are expected to begin in March.
- Next milestone is the activation of feeder and start of FPL overhead to underground conversions. Switching orders are pending FPL release.

**Phase 2 South Construction:**

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

- Phase 2 South start of construction is in progress in the area of Via Agape/Park Monceau/Via Fontana/Sea Grape Circle. Soft Digs and Survey Work continue.

**Phase 3 North Construction:**

From Osceola Way to the north side of La Puerta Way

- Phase 3 North construction is 25% complete.
- The drilling crews are completing work in Area 1: Merrain Road, Kenlyn Road, the Palmo Way Park and the adjacent north-south streets.
- Area 2, Palmo Way south to La Puerta Way, construction activities are planned to begin in mid-March.

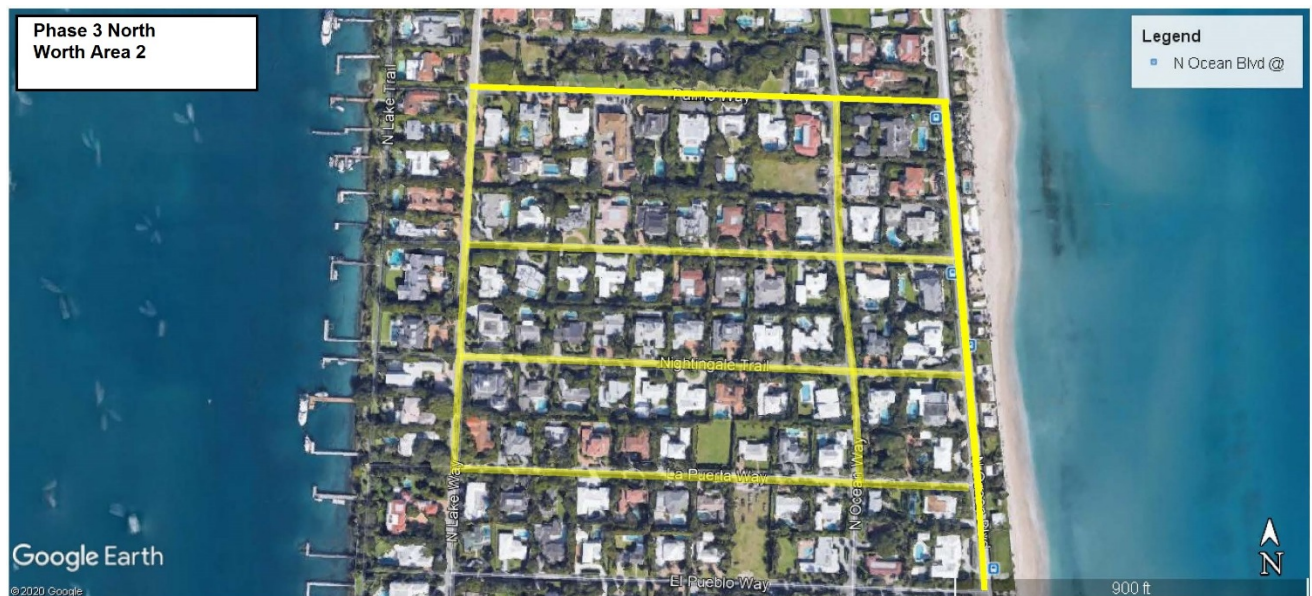


Figure 3 - Phase 3 North - Work Area 2 of 2

## **B. Design & Easement Progress:**

### **Phase 3 South:**

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

- Design is 81% complete.
- Bid package availability remains incomplete due to outstanding easements.
- 79 of 99 easements (79%) are recorded or verbally approved.
- Challenging areas include critical path easements along S. County Road and immediately south of Worth Ave. A list of outstanding easements by address is provided within your backup materials.

### **Phase 4 North:**

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

- Design is 69% complete.
- 39 of 62 easements (63%) are recorded or verbally approved.
- Easement acquisition is behind schedule. The master plan called for construction to begin May 2020.
- 11 Chicanes are planned and described within your backup materials. A list of properties supported by the transformers within each chicane is included.

### **Phase 4 South:**

From Peruvian Ave north to Royal Palm Way & the Town Docks.

- Design is 55% complete.
- 22 of 62 easements (35%) are recorded or verbally approved.
- Easement acquisition is behind schedule. The master plan called for construction to begin May 2020.

### **Phase 5 North:**

From Country Club Road to Southland Road.

- Design is 33% complete and on schedule.
- Easement acquisition has not started.

### **Phase 5 South:**

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

- Design is 33% complete and on schedule.
- Easement acquisition has not started.



**Phase 6 North:**

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

- Design is 15% complete and on schedule.
- Easement acquisition has not started.

**Phase 6 South:**

Seaspray Ave to the south of Royal Poinciana Way.

- Design is 14% complete and on schedule.
- Easement acquisition has not started.

**Phase 7 North:**

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

- Not started.

**Phase 7 South:**

Atlantic Ave north to Via Los Incas & Sanford Ave

- Not started.

**Phase 8:**

Royal Poinciana Way north to Everglade Ave

- Not started.

### III. Financial Summary

Other than receiving vendor pay applications for work performed in active design or construction zones, there was one change made since last month's report.

The change includes the approved budgeted cost of easement abandonment. This item is described and tracked within the Underground Utility Project Budget, "Other Project Costs" page 8 of the report. The program's Easement Abandonment budget line item was established as \$200,000.

The full underground utility project financial report is provided within your backup package with the summary page also shown immediately below.

Page 1

**Underground Utility Project Budget  
Project Financial Summary  
February 29, 2020**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 1</b>	\$ 12,620,000	\$ 12,910,000	\$ 12,797,329	\$ 12,628,685	98.7%
<b>Phase 2</b>	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 5,611,257	43.4%
<b>Phase 3</b>	\$ 10,910,000	\$ 15,400,000	\$ 6,031,565	\$ 2,013,874	33.4%
<b>Phase 4</b>	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 735,166	55.1%
<b>Phase 5</b> (\$8.5 Million FEMA Grant Offset)	\$ 14,090,000	\$ 11,694,645	\$ 1,599,805	\$ 406,742	25.4%
<b>Phase 6</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,886,346	\$ -	0.0%
<b>Phase 7</b>	\$ 11,730,000	\$ 15,910,000	\$ -	\$ -	
<b>Phase 8</b>	\$ 12,300,000	\$ 14,500,000	\$ -	\$ -	
<b>Total Project Costs To Date</b>	\$ 98,010,000	\$ 119,904,645	\$ 36,566,027	\$ 21,395,724	58.5%
<b>Other Costs Associated Directly with the Project (Page 8)</b>	\$ 570,000	\$ 1,180,414	\$ 1,180,414	\$ 921,064	78.0%
<b>Grand Total of Costs Related to Project</b>	\$ 98,580,000	\$ 121,085,059	\$ 37,746,441	\$ 22,316,788	59.1%
<b>Debt Service and Related Debt Issuance Costs (Page 8)</b>			\$ 6,098,350	\$ 4,636,639	76.0%
<b>Total Other Costs Outside Underground Budget (Page 8)</b>			\$ 1,158,567	\$ 1,918,807	165.6%
<b>Grand Total of All Costs Related to the Project</b>	\$ 98,580,000	\$ 121,085,059	\$ 38,905,008	\$ 24,235,595	62.3%

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 121,085,059</b>
<b>% Budgeted/Encumbered To Date Project Costs</b>	<b>31.17%</b>
<b>% Spent to Date - Project Costs</b>	<b>18.43%</b>

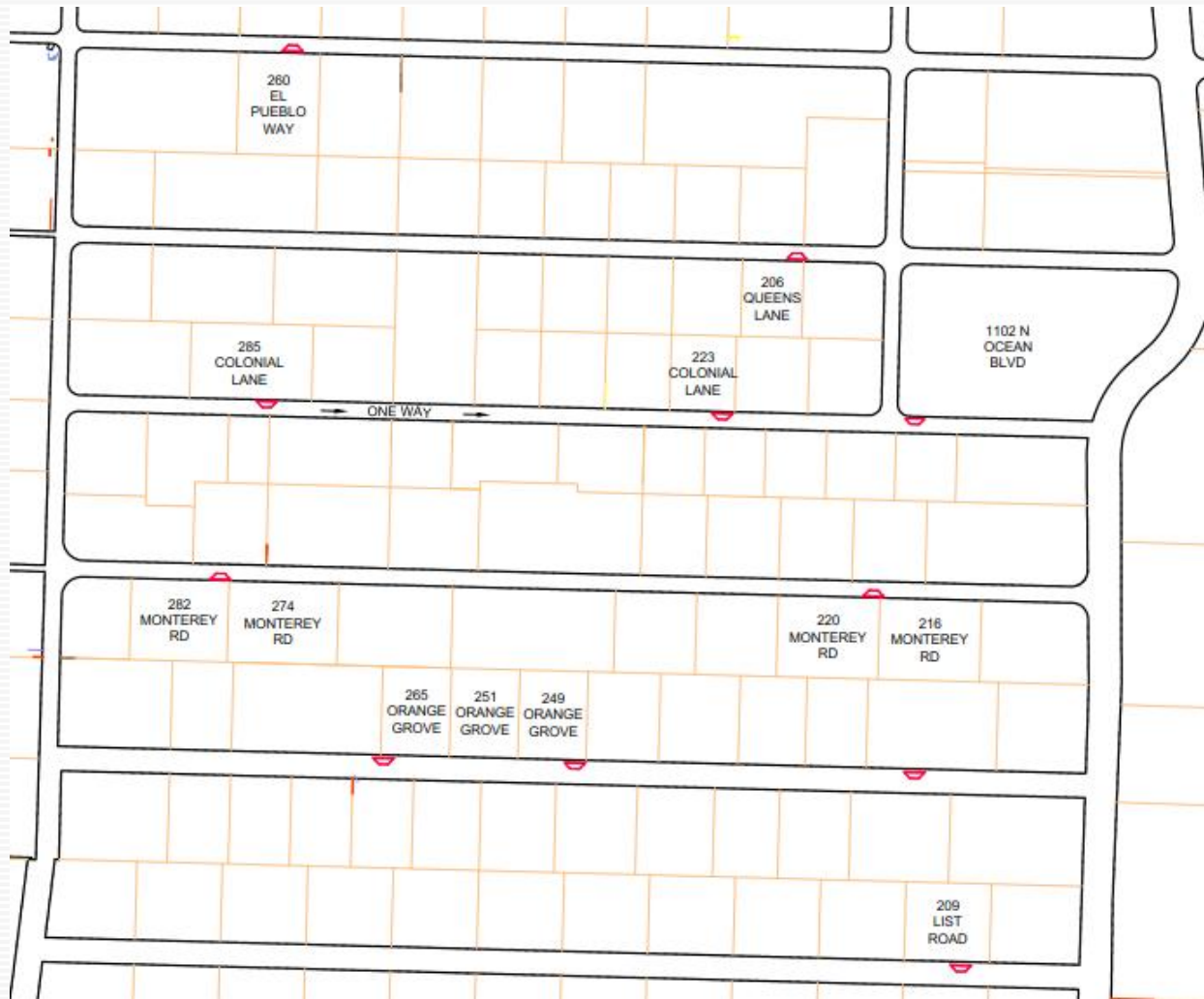
**Project Revenues Received**

Revenues	Budget	Actual	% of Budget
<b>Revenues</b>			
Prepaid Assessments	\$ -	\$ 11,962,131	0.0%
Assessment Revenue	\$ 13,380,000	\$ 12,441,377	93.0%
Commercial Paper	\$ -	\$ -	0.0%
Town Owned Property Prepaid Assessments	\$ 2,797,291	\$ 2,797,291	100.0%
Interest on Assessment Escrow	\$ -	\$ 396,389	0.0%
Interest	\$ 512,000	\$ 1,901,484	371.4%
GO Bond Proceeds	\$ 60,500,000	\$ 60,499,897	100.0%
1 Cent Sales Tax	\$ 5,000,000	\$ 1,708,333	34.2%
FPL		\$ 450,246	0.0%
FEMA Grant	\$ 8,500,000	\$ -	0.0%
<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 (001) General Fund - PM Salary	\$ 409,450	\$ 333,187	81.4%
<b>Total Project Revenues</b>	<b>\$ 91,908,191</b>	<b>\$ 93,334,687</b>	<b>101.6%</b>

Figure 4- UUP Financial Summary Page

## Phase 3 South - Contacts and Progress to secure critical easements

Area	Owner	Address	Contact Title	Note	Status & Assign
Golfview Alley	Colony Hotel	135/152/155 Hammon Ave	Hotel Mgr	Discussions progressing.	
Golfview Alley	Carl & Mary Panattoni	8 Golfview	Owner	Sent Town Manager Letter. Approved then declined.	
Golfview Alley	Fred Masters	212 Worth Ave	Owner	Sent Town Manager Letter. Recent meeting. Reconsidering easment.	
Golfview Alley	Ilan Yerushalmi, Napoleon Palm Beach	218 Worth Ave	Owner	Sent Town Manager Letter. Recent discussion, meeting requested.	
Golfview Alley	Worth Pondfield, Mark Waxman	222 Worth Ave	Property Manager	Sent Town Manager Letter. Recent discussion, meeting requested.	
Golfview Alley	Ms. Handlesman	224 Worth Ave	Owner	Meeting pending.	
Golfview Alley	Ms. Handlesman	306 Worth Ave	Owner	Meeting pending.	
S. County Rd	Francoise & Jacques Cohen	137 El Vedado Road	Owner	Contact established. Meeting to be scheduled.	
S. County Rd	Joseph Allen, Richman Schmidt	200 El Vedado Road	Owner & Prop Mgr	Verbal approval from property manager. Will provide easment document.	
S. County Rd	Bill Collatos, Posey & Roy	750 South County Road	Owner & Architect	Declined, owner reconsidering. Committed to easement in ARCOM.	
S. County Rd	Terry R. Taylor	780 South County Road	Property Mgr	Verbal approval from property manager. Town will provide easment document.	
S. County Rd	Alicia & Timothy Mullen	760 South County Road	Owner	Determined a viable right of way solution.	
S. County Rd	Ann Desruisseaux (800)	800 South County Road	Attorney Bill Atterbury	Sent Town Manager Letter.	
S. County Rd	Catherine & Phillp Korsant	115 Via La Selva	Owner	Progressing. Pending owner decision.	
S. County Rd	Mark Davis	141 Gulfstream Road	Owner	Sent Town Manager Letter. Validating southeast property corner for transformer.	
Street	Jan Holdings, LLC (Ms. Navab Owner)	4 El Bravo Way	Owner & PM	Sent Town Manager Letter. Discussion progressing.	
Street	Michael & Paula Bickford	135 Gulfstream Road	Owner	Declined. Seeking alternative on 133 Gulfstream.	
Street	Estates of Ryan Brant	111 El Brillo Way	Attorney (via Jones Foster)	Sent Town Manager Letter. Ryan is deceased - Jones Foster. Seeking alt on 120 El Brillo (Margaretta Taylor).	
Street	Robert F. Agostinelli, Leo Sotomejor	196 Banyan Rd	Owner/PM	Sent Town Manager Letter. Approved then declined.	
Street	Paul Okean	203 Via Vizcaya	Owner	Sent Town Manager Letter. Committed to easement in ARCOM. 1/2 of shared easment w/ 4 Via Vizcaya.	
Street	Richard Kurtz	235 Banyan Rd	Owner	Easement pending owner signature.	
Street	Dana Landry & William Moody	240 Jungle	Owner	Shared easment, 1/2	D. Moore
Street	Prescott & Susan Low	242 Jungle	Owner & Attorney	Shared easment, 1/2	
Street	Abbey, LLC (Pablo Cordero PM)	241 Banyan Rd	Owner, Prop Mgr	Easement pending owner signature.	
Street	Robert & Paula Butler, Larry Alexander	640 S. Ocean Blvd	Owner, Attorney	Side agreement, negotiating with attorney.	



# Phase 4 North - Contacts and Progress to minimize Chicanes

Chicane Number	Equipment No.	Street Number	Street	Owner	Note	Status & UUTF/MTC Assigned
1	44	217	LIST ROAD	Jason & Nicole Guari	Willing to accept 1/2 an easment.	
1	44	209	List Road	Barbara Smith, Beth Hayne PM	Considering 1/2 an easment.	
2	34	265	Orange Grove Road	David & Kathleen Moran	Declined request.	
2	34	266	Orange Grove Road	Michael Steranka	Willing to accept 1/2 an easment.	
2	34	274	Orange Grove Road	Alexander H Griswold	Willing to accept 1/2 an easment.	
2	35	251	Orange Grove Road	Ernest Gordon, LLC	Considering full easment.	
2	35	262	Orange Grove Road	262 ORANGE GROVE ROAD LLC: Kourkis	Revising exhibit for communications only. No transformer.	
3	36	249	Orange Grove Road	Kathleen M. Cerasaro	Easement for splice box provided. Not willing to accept transformer.	
3	36	241	Orange Grove Road	Michael S. Lorber, Ilana Rojas PM	Prefer equipment to be elsewhere. Meeting scheduled March 6	
3	36	248	Orange Grove Road	Marjorie A. Matthews	Declined. Prefers the chicane.	
4	26	225	Monterey Road	Heather & Steven Wolf	Declined request. .	
4	26	220	Monterey Road	BROBERG BEVERLY D, BROBERG PETER S &	Willing to accept 1/2 an easment.	
4	26	222	Monterey Road	Richard M. Hurtado	Approved, then declined. Easment language.	Bobbie Lindsay
4	25	216	Monterey Rd	Budge and Candy (Henry and Leslie) Jamison	Considering 1/2 easment.	
4	25	1080	N. Ocean Blvd	Donald & Sher Kasun	Declined request. Meeting March 2 to revisit for 1/2 easment.	
4	25	221	Monterey Rd	Linda A. Greenberg	No contact.	
5	30	282	Monterey Rd	Leigh & Pamela Dunston	Declined. Prefers the chicane.	
5	30	281	Monterey Rd	Anthony Cummings	No contact.	
5	30	274	Monterey Rd	Barbara Smith, Beth Hayne PM	Declined.	
6	19	285	Colonial Lane	Beth Lesniak	New Owner, meeting scheduled March 20, considering easment.	
6	19	270	Colonial Lane	Dean & Christine Goodman	Declined request.	
6	19	279	Colonial Lane	John Scott Gillis, Trustee.	Declined request.	
7	22	223	COLONIAL LANE	Stephane Segouin	Willing to accept 1/2 an easment.	
7	22	215	Colonial Lane	Nicholas Arsali	Declined request. Need a meeting.	
7	22	232	Colonial Lane	Zvenka Kleinfeld	Declined request.	
8	23	230	COLONIAL LANE	Salvatore J. Impastato	Declined request.	
8	23	205	Colonial Lane	Francis P. Conroy, Janice B. Conroy	Declined request. .	
8	23	216	Colonial Lane	Karen Egger	Declined request.	
8	23	224	Colonial Lane	Tiffany Schauer	Declined request.	
9	16	206	QUEENS LANE	Frazier Wellmeier Trust	Willing to accept easment.	
9	16	201	Queens Lane	Jon Mauck, Liza Mauck	Declined request.	
10	2	255	EL PUEBLO WAY	Donna & Allen Morris	Declined request. .	
10	2	250	El Pueblo Way	Ellen Benoit	Declined request.	
10	2	260	El Pueblo Way	Gary B. & Kelly Jean Pohrer	Willing to accept easment.	
10	2	263	El Pueblo Way	Robert Calhoun, Liza Pulitzer Calhoun	Declined request.	
10	2	271	EL PUEBLO WAY	Nedda & Lawrence Pollack	Declined request.	
11	39	211	Orange Grove Road	Kathleen Mara	Willing to accept easment.	
11	39	1072	N. OCEAN BLVD.	Thomas Mandat	Declined	





# The Town of Palm Beach would like to thank and recognize the following property owners for granting a private property easement to assist with the Townwide effort to underground all overhead utilities.

We acknowledge that your decision to provide an easement may have been a difficult one, but your sacrifice for the greater good is much appreciated and should be lauded.

Your selfless contribution to this important project is yielding tangible betterments to your neighborhoods as well as the entire community.

Thank you on behalf of the Town and your neighbors for supporting the undergrounding program in our efforts to improve the safety, reliability and aesthetics of the utilities in our community.

Belinda Agar	Joan Granlund	Donald P. McKenna	Carole Weitzman
Garland O. & James C. Alban	Edward H. Ham Trust	Elsa Messing	George L. & Patricia E. Wilson
Cynthia Anderson	Anne F. & S. Matthews V. Hamilton	Sarah J. Mettler	Karyn Winnington
Steven L. Apple	Steven S. Helms	Anne G. Metzger	Diana S. Wister
Carlos A. Arredondo	Gregg M. & Holt K. Hemingway	Suzan J. Mitchell	William Yahn
Hali E. & Scott M. Asplundh	Robert R. Hermann & Trustees	Michal & Sam Mizrahi	1020 South Ocean, LLC
Jane B. Baird	Sean Heyniger	George M. & Lucie P. Moffett	1030 South Ocean, LLC
Theodore & Ruth Baum	Chris and Alice Holbrook	John & Monika Preston	111 Atlantic Ave, LLC
Hilda M. Beach	Jay C. & Katherine Horgen	Carlos Morrison	1230 N Ocean Way
Hunter & Christine Beall	R. Samuel Hunt III & Victoria Hunt	Virginia L. Mortara	1340 S. Ocean Blvd
Douglas C. & Leah B. Beck	John D. Idol	Bruce & Marsha Moskowitz	135 Santiago, LLC
Margaret S. Bilotti	Dr. Carolyn J. Jackson	Jacqueline L. Murphy	1350 S. Ocean Blvd
Maureen O. Blanchard	& Robert E. Jackson Jr.	Terrence Murray	1440 Holdings, LLC
William & Noel Bryan	Kevin P. Jaffe	Stephen & Kerri Myers	195 Phensten Associates Palm Beach, LLC
Arthur C. & Emmy J. Burdett	Reuben & Robin Jefferey	Stephen E. Myers	210 Miraflores, LLC
Virginia S. Burke	Kristine S. & Scott A. Johnson	Albrecht Zu Oettingen-Spielberg	211 Ocean Trust, LLC
Robert F. & Doris S. Calman	M. Carl Johnson III	Joanne Paladino	225 Arabian Rd, LLC
Iris Cantor	Victoria E. & William C. Johnston	Joel Pashcow	232 Bahama Lane, LLC
Richard J. Carlino	Patricia A. Kahn	Gayle Petersen	244 Fairview, LLC
Gustav D. & Susan Carlson	Lynne M. Kaiser	Andrea & Ogden M. Phipps	2500 South Ocean Blvd Condominium
Lillian & Patrick Carney	Donald & Maureen Kandiora	Joseph M. & Lauren E. Pizza	266 Fairview Rd SC, LLC
Brendan & Samantha Carroll	James & Irene Karp	Kevin Ferro & Catherine Polites	273 List Road, LLC
Kevin C. Carroll	Joel & Darcie Kasewitz	Peter A. Rapaport	2875 S. Ocean Blvd, LLC
Eugene & Lori Cavanaugh	John & Laurie Katona	Alison V. Reed	3200 Condominium Inc
Kathleen M. Cerasaro	Heidelinde M. Kauka	David V. Reese	456 South Ocean, LLC
Florence M. Chase	Debra Keeler	William M. Rickman	874 South County Rd, LLC
John & Louisa Cohlman	David A. Kelso	Leonard & Louise Riggio	Avery PB Realty Trust
Beth Cole	David & Aubrey Khoury	Dr. Steven Rosenberg	& Vickie Giardina Trustee
Alexander & Amanda Coleman	Katherine S. Klaine	David A. & Jean D. Rosow	Beach Point Condominium
Margaret M. Condron	Florence Koontz	Edward U. Ruddy	CDPG Palm Beach, LLC
Dragana & Richard Connaughton	Brian D. & Andrea B. Kosoy	Natalie J. Saeger	Chilean Court Condo
Donna & Joseph Crossen	Nancy Kozak	Jennie K. Scaife	Durach Family, LTD
Robert S. Cuillo & Robert Cuillo Trustees	Raymond & Christina Kramer	Frances G. Scalfe	Eagle Bay Holdings, LLC
Philippe P. & Deborah R. Dauman	Terry Allen Kramer	Ronald Y. Schram	EL Vedado, LLC
Marvin H. Davidson	John T. & Kerry Anne Kuhlman	Nancy J. & Mark Schroeder	Ferragamo USA, Inc
Deanna S. Davis	Debra Lane Trust	Dorothy Goodrich & Besty Schuermann	G.W. Purucker Homes J.V.
June R. Davis	J. Michael & Kimberley R. Lawrie	Michael & Lisa Schultz	Gary W Purcker Homes, JV
Randee Day	Christopher & Jennifer Lazzara	Elaine M. & Gerald Schuster	JV Associates PB, LLC
Jonathan Deitcher	Richard & Rita Lazzara	Donna Shalek Trust	KFFL, LLC
Michael T. Dennis	Amy R. & Phillip J. Lee	David & Jill Shulman	Mar A Lago Club, Inc
Anthony P. & Adele M. Dolanski	Gunther H. Lehmann	Kenneth & Claudia Silverman	Melborne House Condominium Assoc., Inc.
Thorne B. & Monnie B. Donnelley	Carter R. Leidy III	Ann S. & Michael B. Small	Ocean Villa Holdings, LLC
Barbara A. Dooley	Patricia & Spencer Levey	Braden G. Smith	Palm Beach Home Trust & Chrisotpher
W. Anthony Dowell	Douglas J. Buck & Bobbie D. Lindsay	Jeffery W. Smith	Marsala Trustee
Peter A. Dunkin	Gary Little	Carl Asplundh Jr. & Rowland Smith III	Palm Beach Resort & Beach Club
Lavina K. Baker & Robert Durkin	Jeffery J. Lorenz	Katherine Sorbara	Condominium Assoc.
Dr. Curtis Emmer	Peter R. & Maria Lydon	Lesley & Richard Stone	Poncy Properties, LLC
Maria C. Fanjul	Hildegarde E. Mahoney	David & Rita Sullivan	Schwartz Family Properties Trust
Donald & Nancy Farry	Thomas Maier	Marcia G. Sullivan	Shadowbrook Land Trust
Ann & Lee Fensterstock	Bruce A. Malasky	Richard & Helen Sulman	Sherouq, LLC
James & Gail Fiume	Morton L. Mandel	Dominick A. & Susan A. Tesesco	The 2600 Condominium Assoc. Inc.
Nita S. Fogg	Alan & Virginia Marantz	Bruce E. & Robbi S. Toll	The 2770 S. Ocean Blvd., Condo Assoc., Inc.
Robert Frisbie	Jefferey A. Marcus	Beatrice Tollman	The Sailfish Club of Florida
Roy Furman	Javier Marques	John Tomsich	Thought Development, LLC
Margaret R. & Robert S. Galterio	Alfred & Barbara Marulli	William A. Torrey Jr.	Three Twenty Chilean Condo
Tim Gannon	Peter Matwiczyn	Ann Vanneck	Wilson 150 Worth, LLC
Michael Belisle & Linda Gary	John J. & Roslynn G. McAtee	Clother H. Vaughn III & Joyce Vaughn	
Juliana K. Gendelman	Nicki & David McDonald	Christopher & Tara Vecellio	
Lynn W. George	Ashley McIntosh	Leo A. & Kathryn C. Vecellio	
Paul & Sara Gingras	James P. & Sydney L. McKelvy	Jerome Weinrib Trust	

The Town & Burkhardt Construction Invite you to:

Coffee!



With The Crew

All North Undergrounding Phases:

WHEN:

The 1st Monday of  
each month @ 8:00AM

WHERE:

Palmo Way Park, east side  
near the pump station  
building

AM

Join the undergrounding project construction team for coffee, donuts and conversation. Ask questions about your home, street, phase area and the overall program. Stay informed as the project moves forward!.



UNDERGROUNDING  
TODAY  
*For A Better Tomorrow!*



"Coffee with the Crew" at the  
Town's pump station in the  
Palmo Way park.

More Info:

[www.Undergrounding.info](http://www.Undergrounding.info) Or contact:  
Diane Decker, Resident Liaison –  
561.718.2605



The Town & Burkhardt Construction Invite you to:

Coffee!



With The Crew

All South Undergrounding Phases:

WHEN:

The 2nd Monday of  
each month @ 8:00AM

WHERE:

The South Fire Station, in the  
public meeting room located  
across the street from Ibis Isle.

AM

Join the undergrounding project construction team for coffee, donuts and conversation. Ask questions about your home, street, phase area and the overall program. Stay informed as the project moves forward!.



UNDERGROUNDING  
TODAY  
*For A Better Tomorrow!*



"Coffee with the Crew" at the  
South Fire Station's public  
meeting room.

More Info:

[www.Undergrounding.info](http://www.Undergrounding.info) or contact:  
Kevin Brennen, Assistant Project  
Manager – 561.659.1400



# **Underground Utility Project Monthly Progress Report March 2020**

## **Table of Contents**

### **Dashboard – Phase 2, 3 Construction & Phase 2, 3, 4, 5, 6 Design**

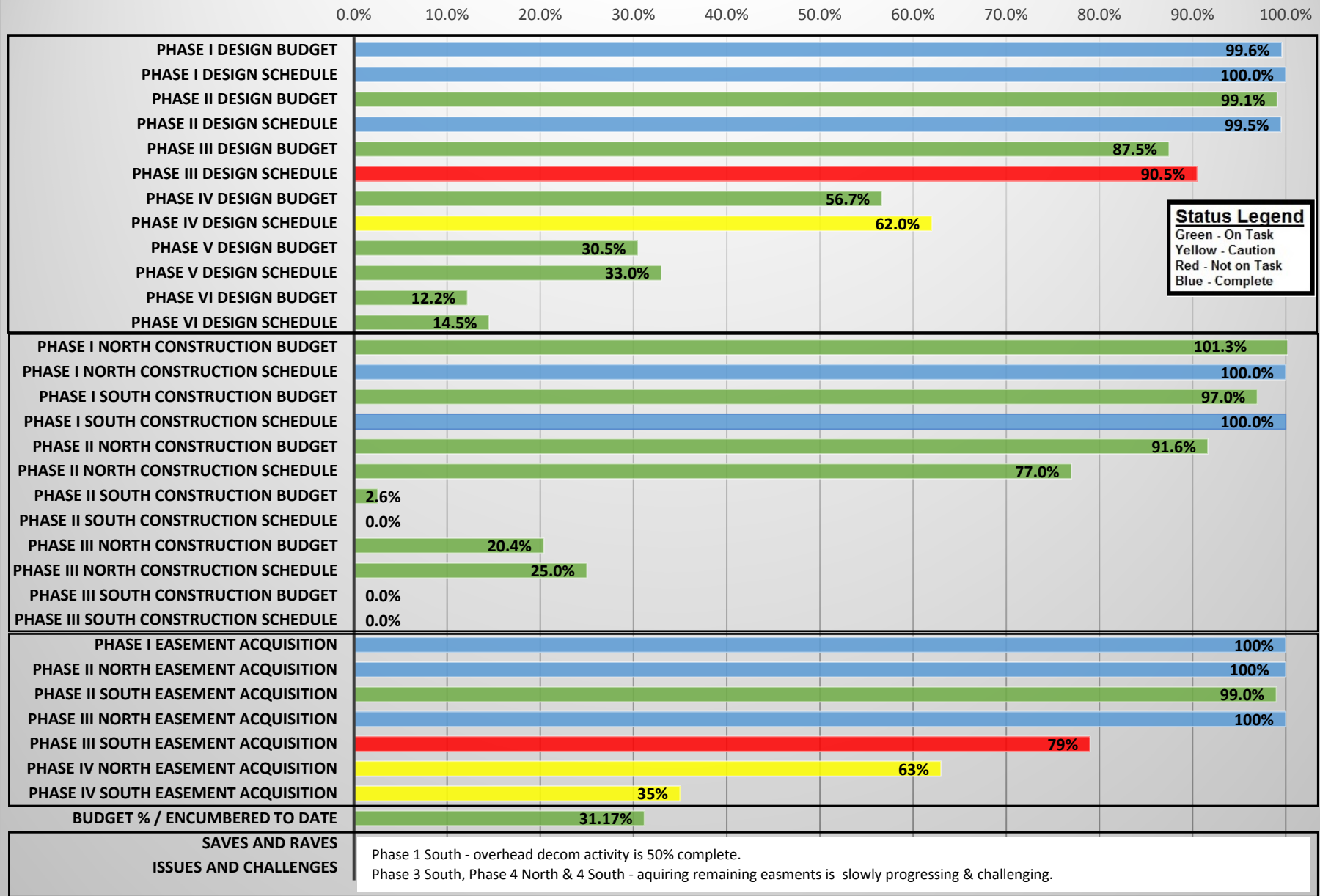
1. Townwide Undergrounding - Phasing & Sequencing Program Map
2. Kimley-Horn - Design  
Progress Reports - Phase 2 - 6  
Gantt Charts - Phase 2 - 6
3. Burkhardt Construction  
Executive Summary & Schedule - Phase 2N, 2S & 3N
4. Project Financial Report
5. Interest Rate Forecast

#### Dashboard Notes:

Total Project Budget - Opinion of cost for construction: \$121,085,059

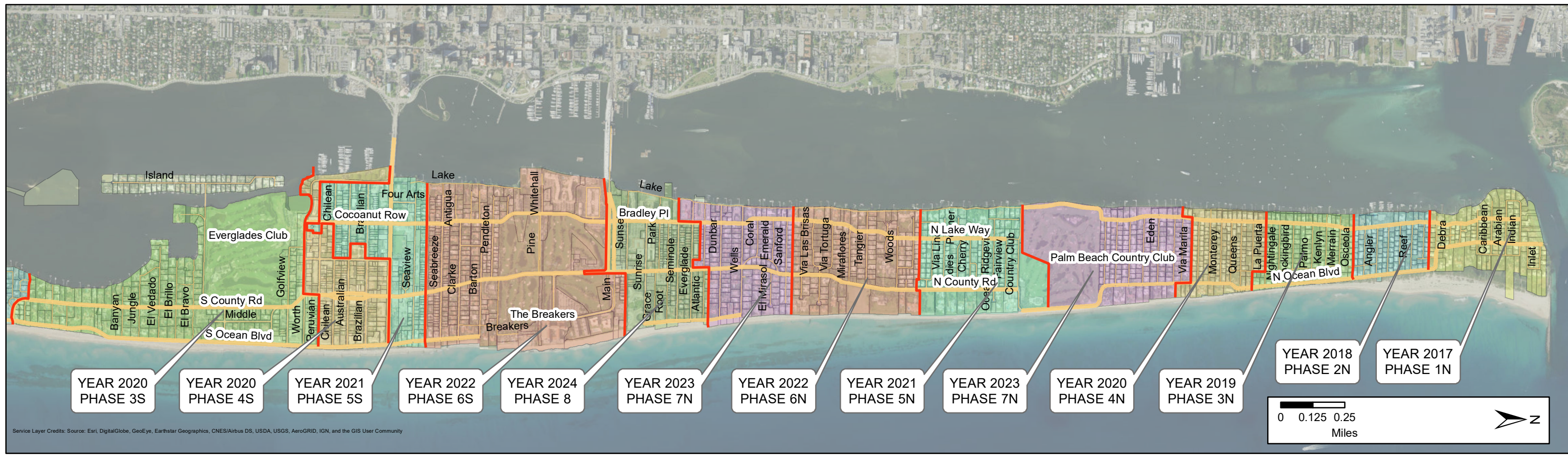
Prepared by the TMO & Finance Departments  
February 27, 2020

## Town of Palm Beach - Underground Utility Project Dashboard - Mar '20





K:\WPB\_Civil\044063188 - Townwide UG MP and Phase 1GIS\Plansheets\Sequence 1 Entire Island\_2020.mxd





**Master Plan 2017**

Phase Area	Design Start	Construction Start	End of Pole Removal / Restoration
Phase 1 N	Dec-16	Jun-17	Jun-19
Phase 1 S	Dec-16	Jun-17	Jun-19
Phase 2 N	Jun-17	Jul-18	Feb-20
Phase 2 S	Jun-17	May-19	Dec-20
Phase 3 N	Nov-17	May-19	Jan-21
Phase 3 S	Nov-17	May-19	Apr-21
Phase 4 N	Jun-18	May-20	Feb-22
Phase 4 S	Jun-18	May-20	Mar-22
Phase 5 N	May-19	May-21	Apr-23
Phase 5 S	May-19	May-21	May-23
Phase 6 N	May-20	May-22	Feb-24
Phase 6 S	May-20	May-22	Apr-24
Phase 7 N	May-21	May-23	Feb-25
Phase 7 S	May-21	May-23	Mar-25
Phase 8	May-22	May-24	Mar-26

**Revised Jan 2020**

Design Start	Construction Start	End of Pole Removal / Restoration
Dec-16	Jun-17	Jun-19
Dec-16	Jun-17	Jan-20
Jun-17	Jul-18	Jun-20
Jun-17	Jan-20	Dec-21
Nov-17	Nov-19	Oct-21
Nov-17	Sep-20	Sep-22
Jun-18	Dec-20	Dec-22
Jun-18	Dec-20	Dec-22
May-19	May-21	Apr-23
May-19	May-21	May-23
Nov-19	May-22	Feb-24
Nov-19	May-22	Apr-24
May-20	May-23	Feb-25
May-20	May-23	Mar-25
May-22	May-24	Mar-26

Actual
Estimated



**Town-Wide Undergrounding - Phase 3 Undergrounding**  
**KHA Project #044063215**  
**February 2020 Progress Report**  
**Period: January 23, 2020 to February 19, 2020**

**I. Scope Update**

**A. General**

- Schedule: Project schedule progress is shown below.
  - Phase 3 North Design is 100% complete
  - Phase 3 South Design is 81% complete \*
- Budget: Project is on budget as of December 15, 2019
  - Phase 3 North Design is at 96% of total task budget
  - Phase 3 South Design at 86% of total task budget
- Easement Status
  - Phase 3 North: 100% (36/36) easements approved
  - Phase 3 South: 79% (79/99) easements approved

\* Phase 3 South is currently behind schedule.

**B. Detailed Design Phase**

- Continued Subconsultant/utility owner coordination
- Continued Progress on development of Bid Plans for Phase 3 South.
- Continued review and comment on FPL, ATT and Comcast Design Plans
- Progress Meeting Attendance.
- Attend Meeting with Town Staff and resident to discuss Undergrounding Program
- Progress on Phase 3 South Landscape plans.
- Continued development of Phase 3 South easement exhibits and submittal to Town.
- Site meetings with property owners to discuss easement requests in Phase 3 South.
- Development of legal sketches and descriptions for Phases 3 South.

**II. Upcoming Activities (February 20, 2020 – March 20, 2020)**

**A. Detailed Design Phase**

- Continued Subconsultant/utility owner coordination
- Continued Progress on development of Bid Plans for Phase 3 South.
- Continued Easement meetings with property owners – Phases 3 South
- Continued coordination with FPL, AT&T and Comcast to complete the Phase 3 South design
- Progress Meeting Attendance



## **Town-Wide Undergrounding - Phase 4 Undergrounding**

**KHA Project #044063219**

**February 2020 Progress Report**

**Period: January 23, 2020 to February 19, 2020**

### **I. Scope Update**

#### **A. General**

- **Schedule:** Project schedule progress is shown below.
  - Phase 4 North Design is 69% complete\*
  - Phase 4 South Design is 55% complete\*
- **Budget:** Project is on budget as of February 15, 2019
  - Phase 4 North Design is at 71% of total task budget
  - Phase 4 South Design at 61% of total task budget
- **Easement Status**
  - Phase 4 North: 63% (39/62) easements approved
  - Phase 4 South: 35% (22/62) easements approved.

\*Easement progress is causing the schedule to fall behind for both phase areas.

#### **B. Detailed Design Phase**

- Subconsultant coordination related to Phase 4 Undergrounding
- Continued development of Equipment Locations and Conduit Plans for Phase 4 North and South.
- Performed field work to obtain information for equipment placement based on easement meetings with property owners.
- Review of FPL, Comcast, and AT&T Conduit and Equipment Plans, coordination with FPL, Comcast, and AT&T regarding design modifications.
- Development and delivery of easement exhibits to the Town for Phases 4 North and South.
- Progress Meeting Attendance
- Site visits and meetings with property owners to discuss easement requests

### **II. Upcoming Activities (February 20, 2020 – March 20, 2020)**

#### **A. Detailed Design Phase**

- Continued coordination with utility owners to refine the design.
- Continued development and submittal of easement exhibits for Phases 4 North and South.
- Continued development of Equipment Location and Conduit Plans for Phases 4 North and South.
- Meetings with property owners to discuss easement requests.
- Progress Meeting attendance.



**Town-Wide Undergrounding - Phase 5 Undergrounding  
KHA Project #044063229  
February 2020 Progress Report  
Period: January 26, 2020 to February 25, 2020**

**I. Scope Update**

**A. General**

- Schedule: Project schedule progress is shown below
  - Phase 5 North Design is 33% complete
  - Phase 5 South Design is 33% complete
- Budget: Project is on budget as of February 15, 2020
  - Phase 5 North Design is at 28% of total task budget
  - Phase 5 South Design is at 24% of total task budget
- Easement Status
  - Phase 5: N/A, will provide status when this work begins

**B. Detailed Design Phase**

- Reviewed preliminary equipment locations
- Coordinated with utility companies, sub-consultants, and Town
- Developed easement spreadsheets
- Led design meeting with utility companies, sub-consultants, and Town
- Led coordination meetings with sub-consultants

**II. Upcoming Activities (February 26, 2020 – March 25, 2020)**

**A. Detailed Design Phase**

- Review preliminary equipment locations
- Coordinate with utility companies, sub-consultants, and Town
- Submit easement spreadsheets to Town
- Lead design meeting with utility companies, sub-consultants, and Town
- Lead coordination meetings with sub-consultants





**Town-Wide Undergrounding - Phase 6 Undergrounding  
KHA Project #044063247  
February 2020 Progress Report  
Period: January 26, 2020 to February 25, 2020**

**I. Scope Update**

**A. General**

- **Schedule:** Project schedule progress is shown below
  - Phase 6 North Design is 15% complete
  - Phase 6 South Design is 14% complete
- **Budget:** Project is on budget as of February 15, 2020
  - Phase 6 North Design is at 10% of total task budget
  - Phase 6 South Design is at 11% of total task budget
- **Easement Status**
  - Phase 6: N/A, will provide status when this work begins

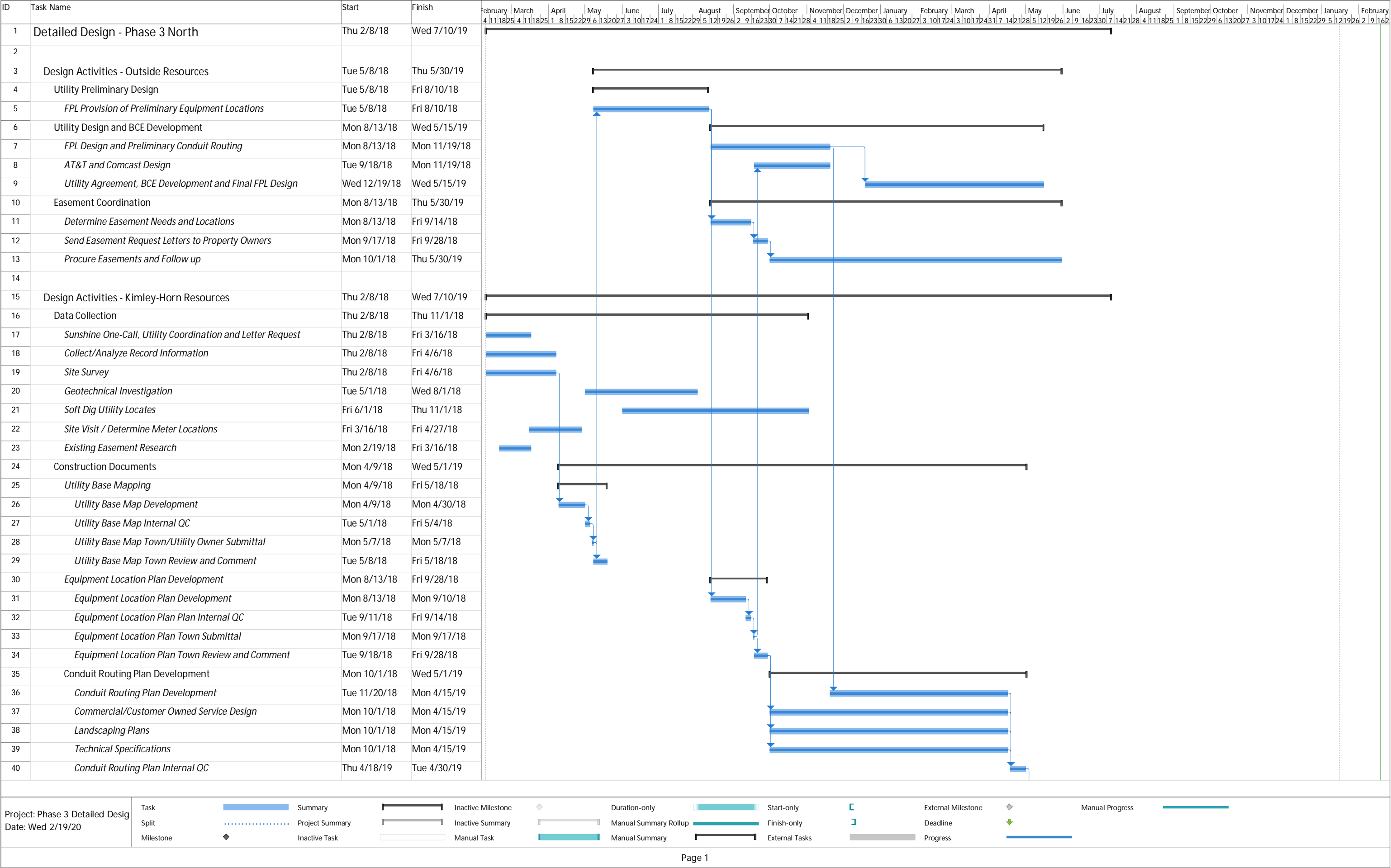
**B. Detailed Design Phase**

- Surveyed project sites
- Developed utility base map
- Coordinated with utility companies, sub-consultants, and Town
- Led coordination meetings with sub-consultants

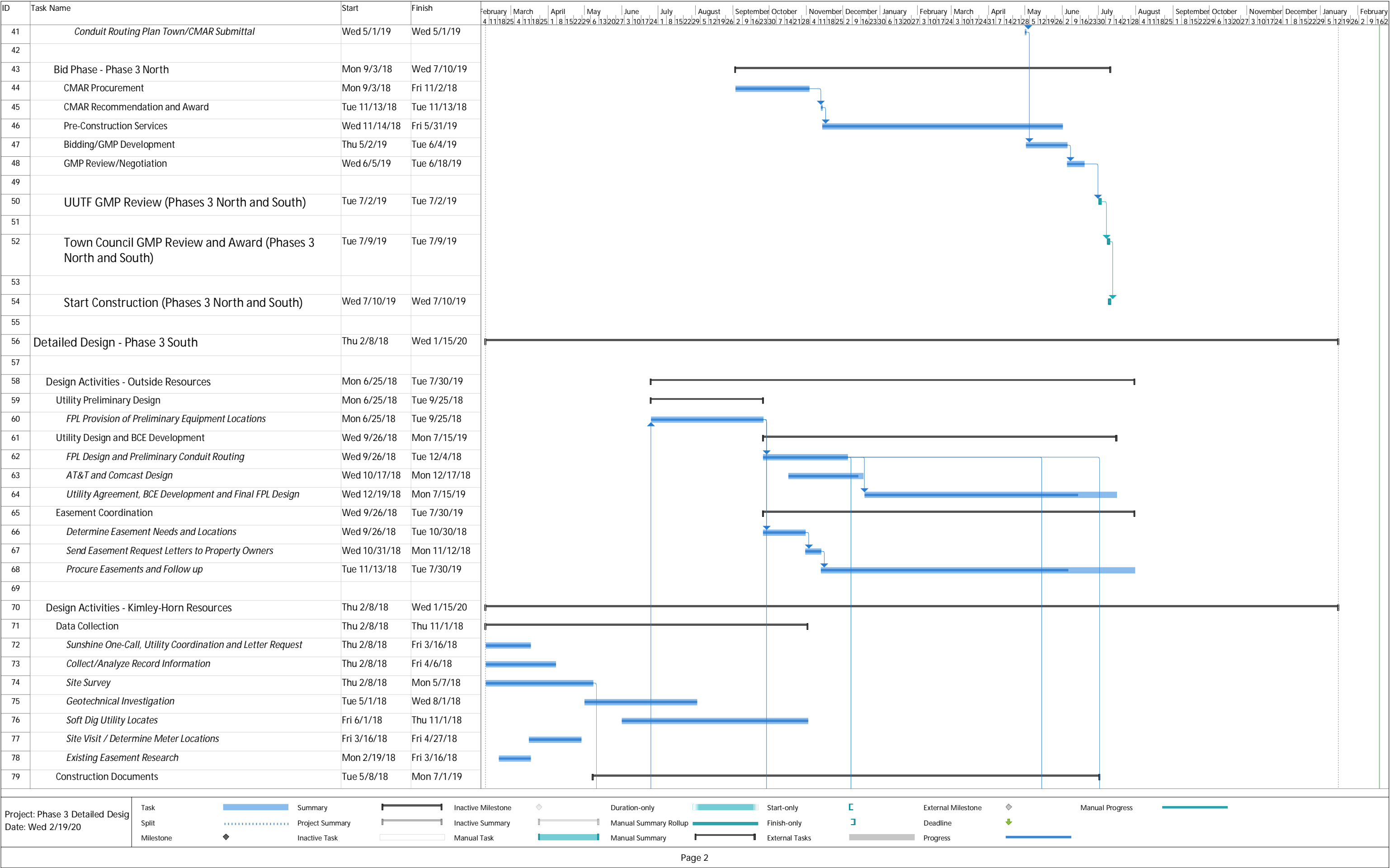
**II. Upcoming Activities (February 26, 2020 – March 25, 2020)**

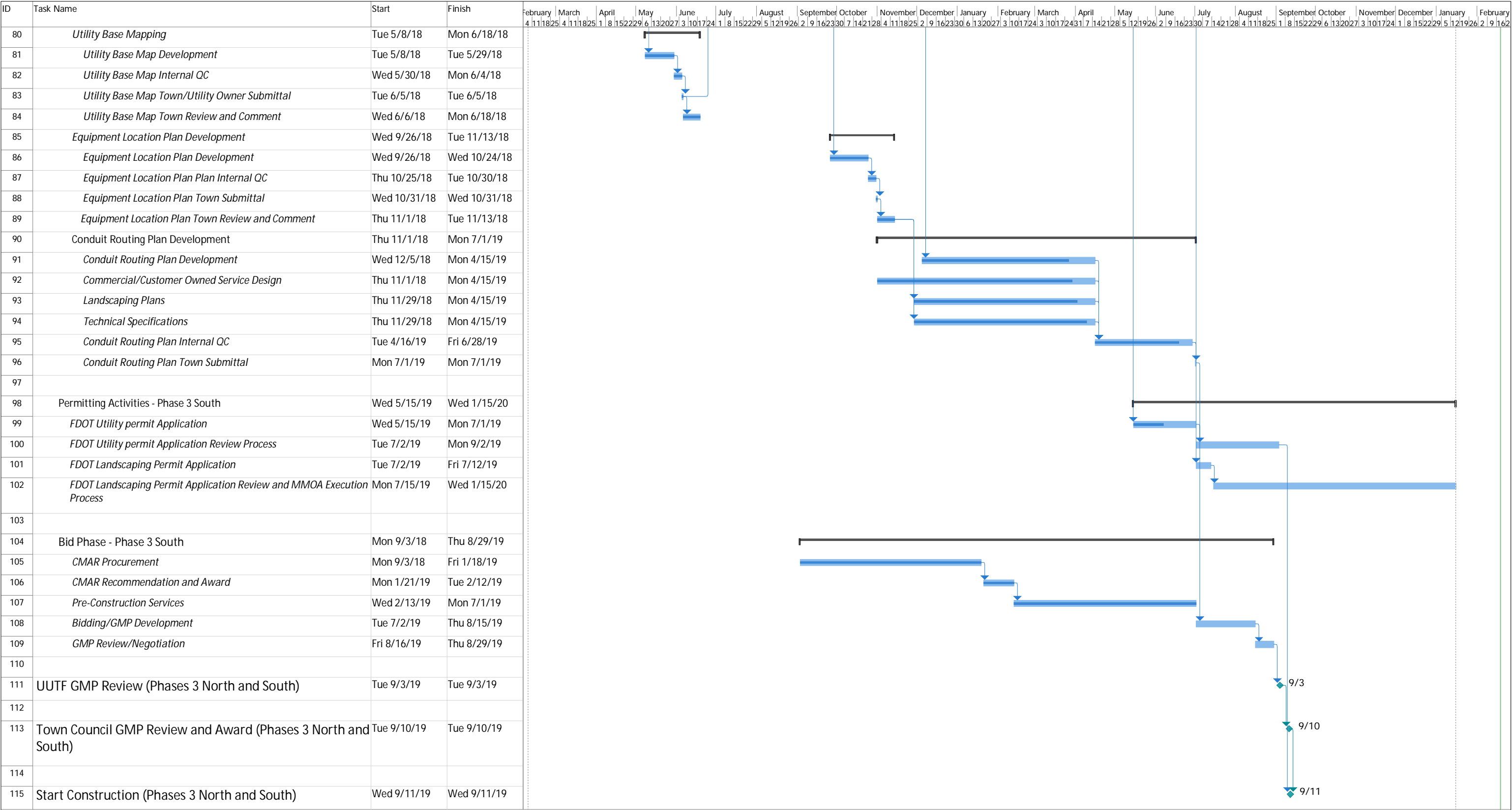
**A. Detailed Design Phase**

- Survey project site
- Submit utility base maps to FPL
- Coordinate with utility companies, sub-consultants, and Town
- Lead coordination meetings with sub-consultants



Page 1





Project: Phase 3 Detailed Desig  
Date: Wed 2/19/20

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

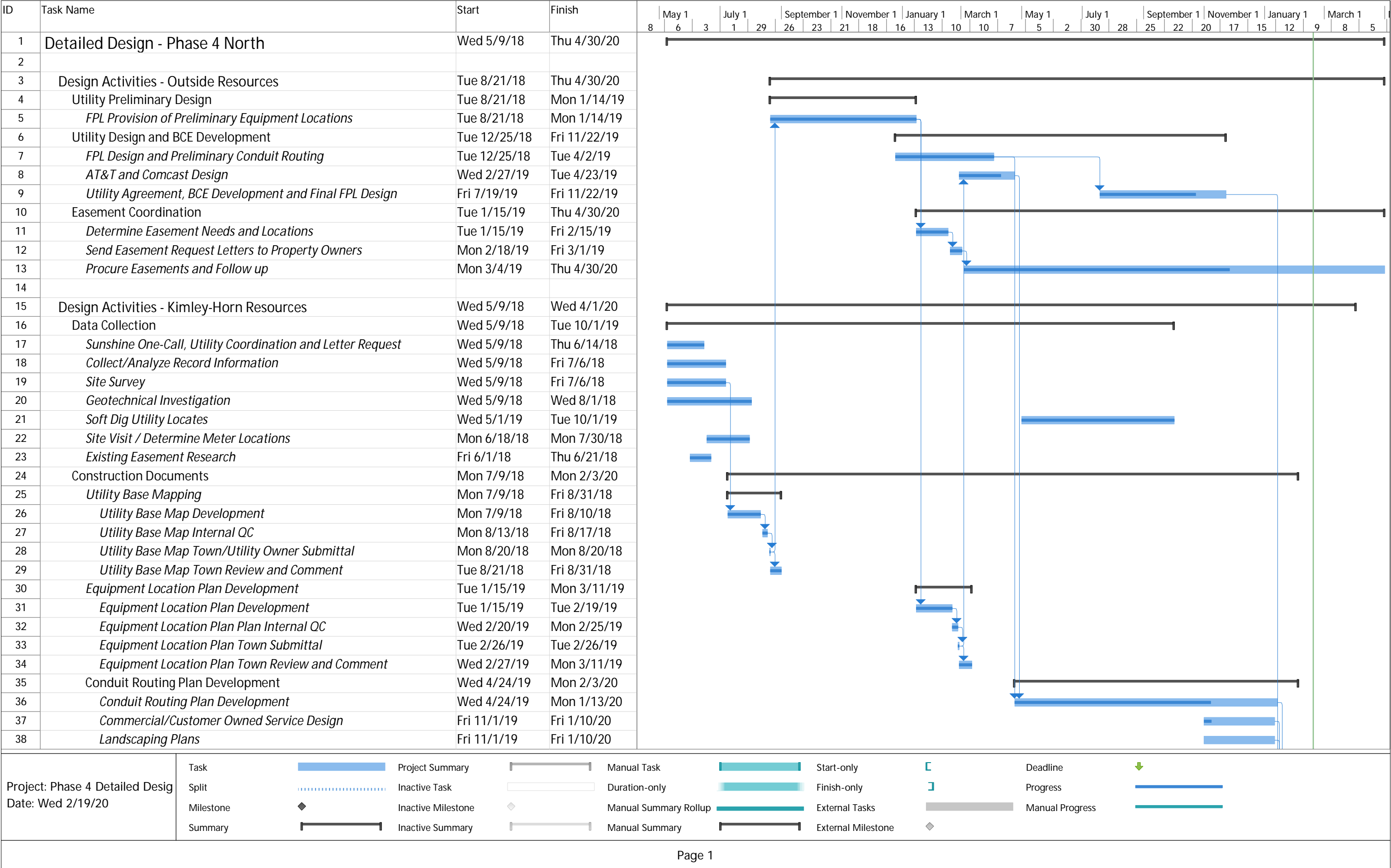
External Tasks

External Milestone

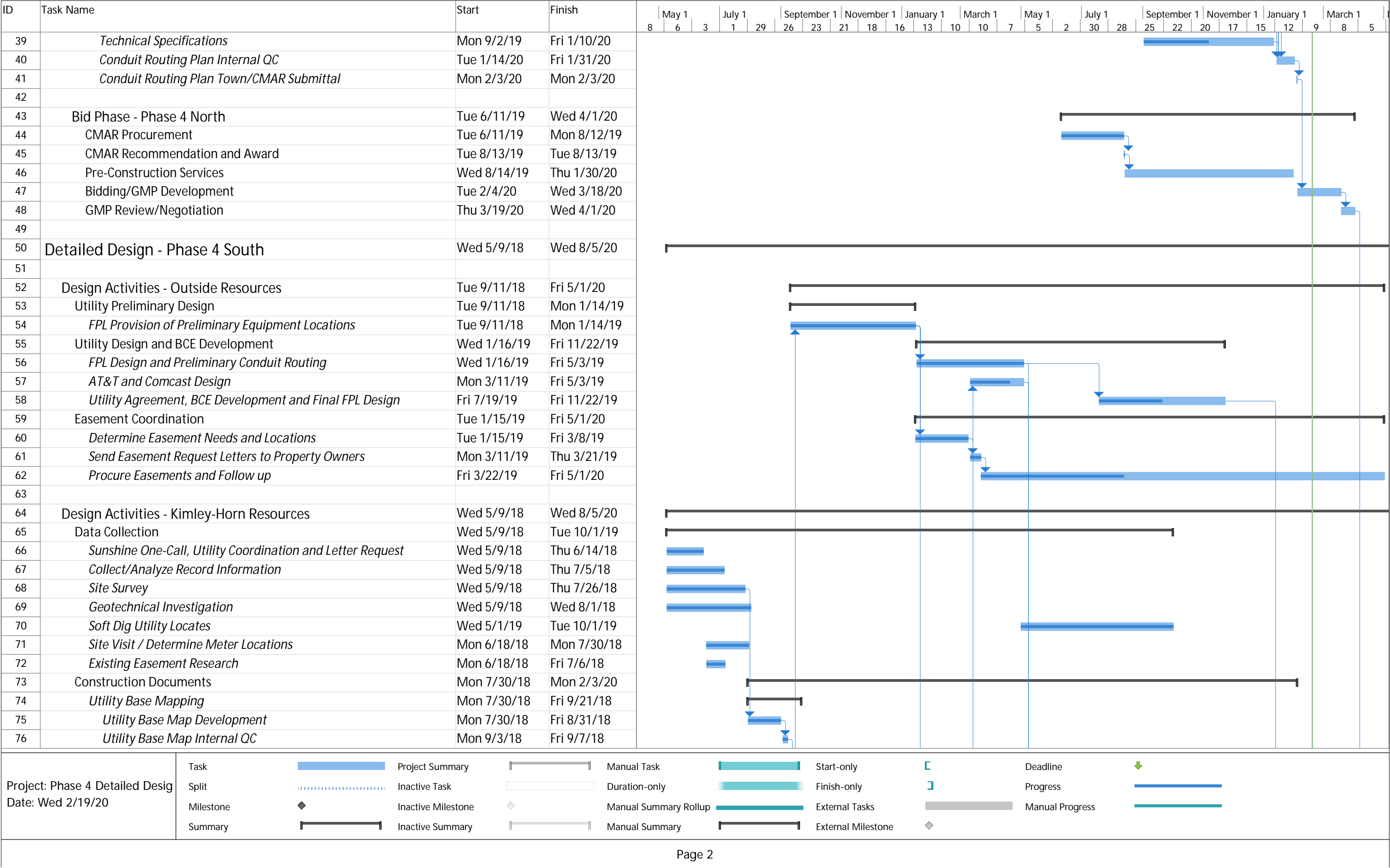
Deadline

Progress

Manual Progress

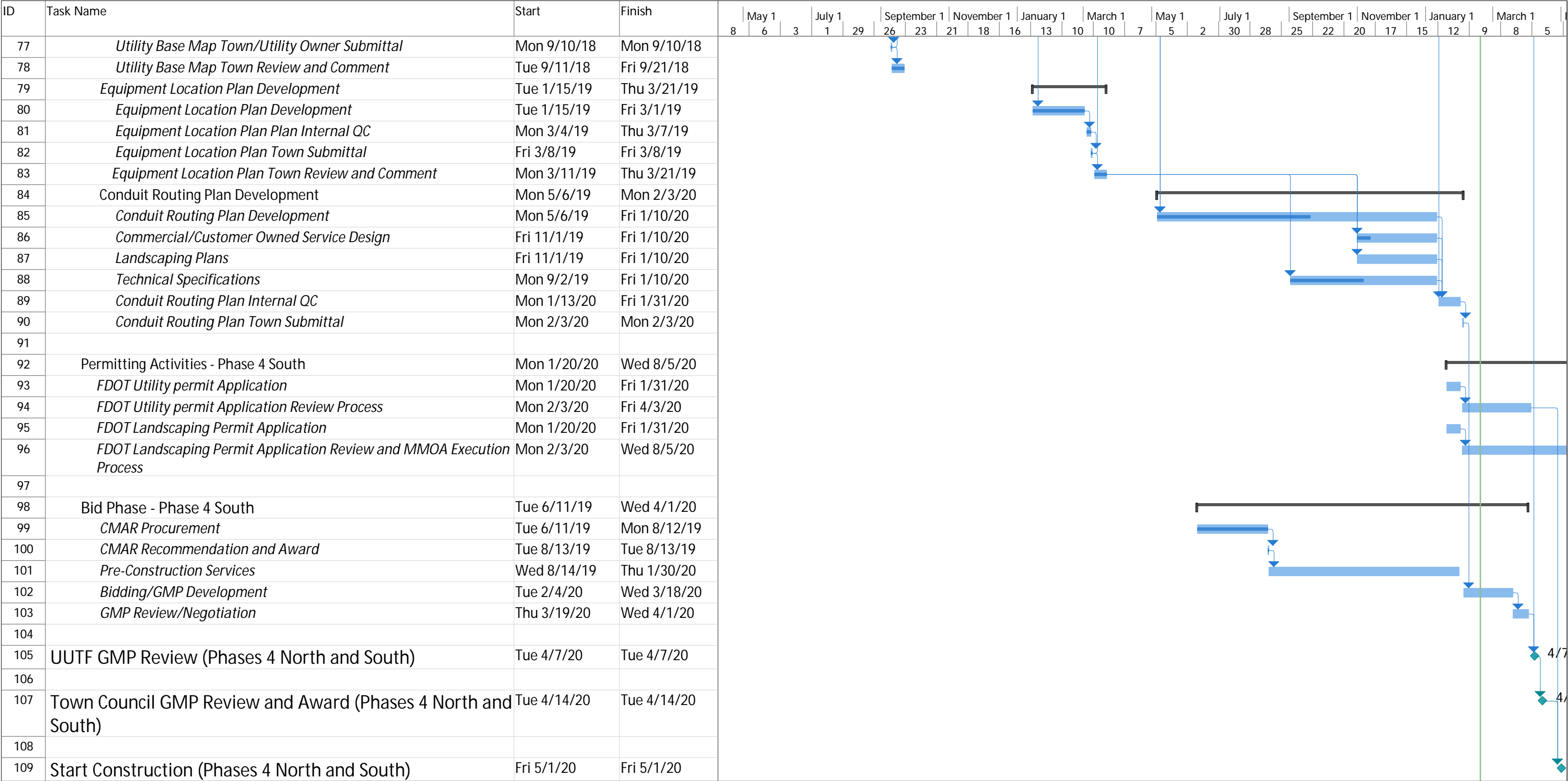






Page 2

29



Project: Phase 4 Detailed Design  
Date: Wed 2/19/20

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

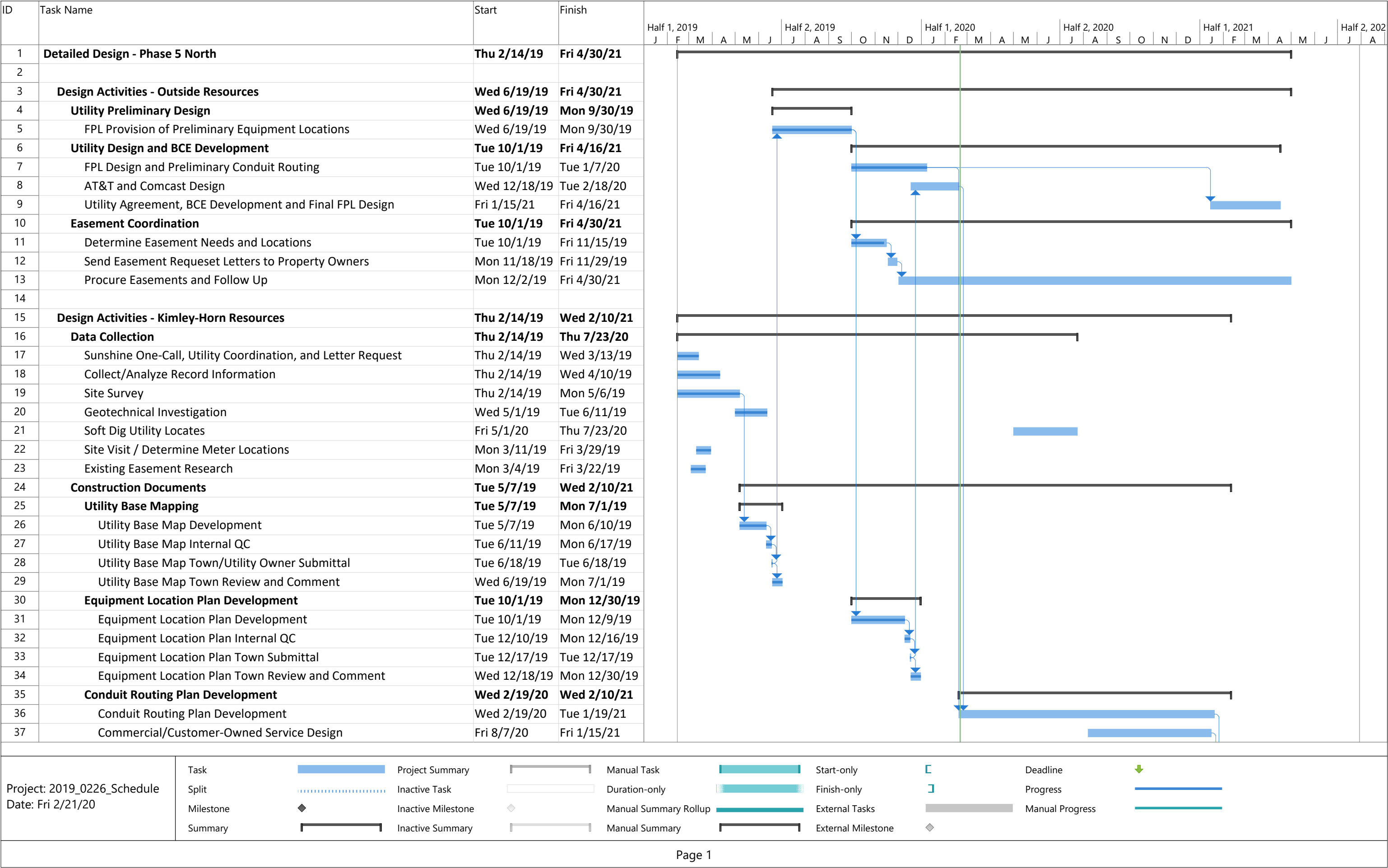
External Tasks

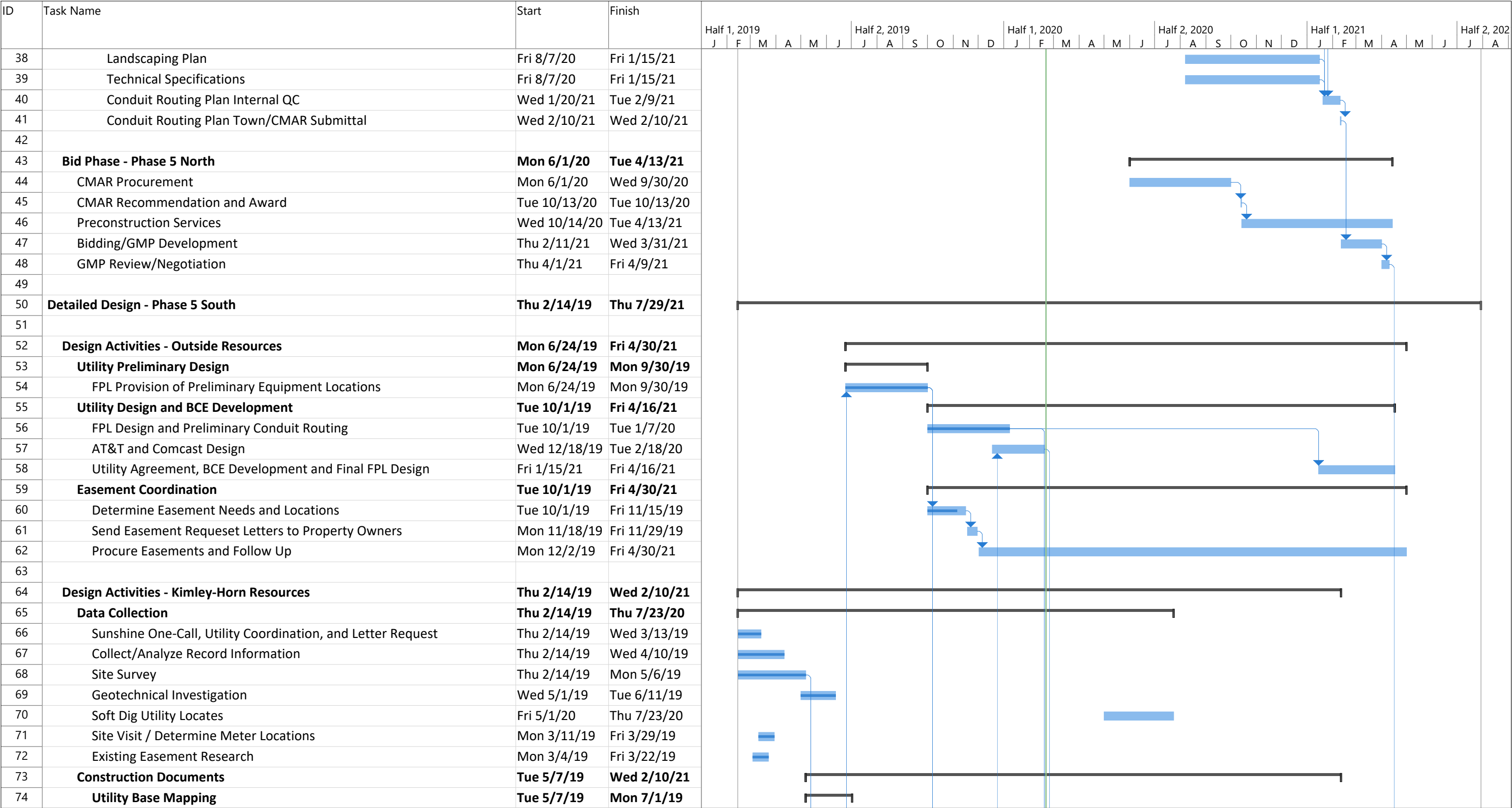
External Milestone

Deadline

Progress

Manual Progress





Project: 2019\_0226\_Schedule  
Date: Fri 2/21/20

Task

Split

Milestone

Summary

◆

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

◆

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

ID	Task Name	Start	Finish	Half 1, 2019							Half 2, 2019							Half 1, 2020							Half 2, 2020							Half 1, 2021							Half 2, 2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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75	Utility Base Map Development	Tue 5/7/19	Mon 6/10/19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

Project: 2019\_0226\_Schedule  
Date: Fri 2/21/20

Task

Split

Milestone

Summary

Project Summary

Inactive Task

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Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

[

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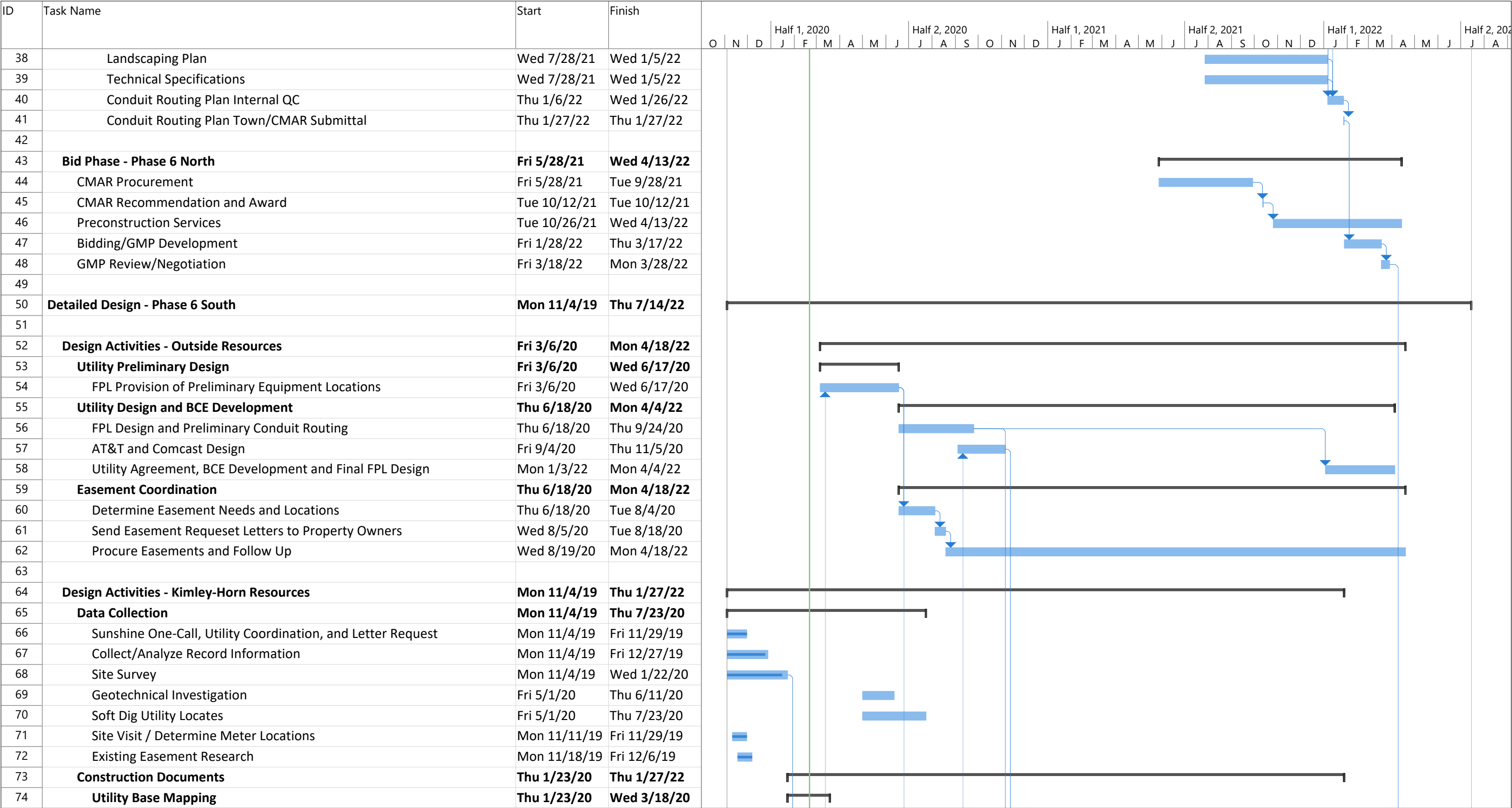
Deadline

Progress

Manual Progress







Project: 2019\_0226\_Schedule  
Date: Fri 2/21/20

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress



Vincent G. Burkhardt  
President



Executive Summary  
For  
January 2020

Project Description

Townwide Overhead Utility Undergrounding  
Phase 3 North  
P.O. # 191061

Project Status:

The job started back up on January 6, 2020 after the holiday season was over. The crew went back to the D-2 pump station access road located between Palmo Way and Kenlyn Road and resumed drilling and installing equipment in that area.

For the remainder of the month the crews were working on Merrain, North Ocean Way, and Kenlyn by the end of the month. They were performing horizontal directional drilling, installing transformer pads, transformers, and pulling wire.

The project has fallen a little behind schedule due to the long holiday break that lasted two weeks but continues to stay within budget. We anticipate adding an additional bore crew somewhere around the middle of February to help make up some of the time lost.

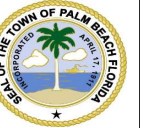
TOWN-WIDE OVERHEAD UTILITY UNDERGROUNDING  
PHASE 2 NORTH  
PRELIMINARY SCHEDULE  
RFQ No. 2018-03

ID	Task Name	% Comple	Duration	Start	Finish	3rd Quarter			4th Quarter			1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			1st Quarter					
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
1	Phase 2 NORTH	77%	399 days?	Tue 8/14/18	Fri 2/21/20																								
2	Town Council Approval	100%	1 day	Tue 8/14/18	Tue 8/14/18																								
3	Award Prime Contract	100%	13 days	Wed 8/15/18	Fri 8/31/18																								
4	Permitting	100%	14 days	Wed 8/15/18	Mon 9/3/18																								
5	Customer Owned Service Connection Permitting	100%	14 days	Wed 8/15/18	Mon 9/3/18																								
6	Sub Contract Agreements	100%	14 days	Wed 8/15/18	Mon 9/3/18																								
7	Material Procurement	100%	11 days	Mon 8/20/18	Mon 9/3/18																								
8	Underground Conduit Installation, Primary/Secondary (FPL, ATT, Comcast)	100%	240 days	Mon 9/3/18	Fri 8/2/19																								
9	Feeder Splice Box Installation	100%	140 days	Sun 12/30/18	Thu 7/11/19																								
10	Set Transformers / Switch Cabinets (FPL)	100%	155 days	Sun 1/13/19	Thu 8/15/19																								
11	Secondary Services / Wire	100%	235 days	Mon 11/5/18	Fri 9/27/19																								
12	As-Built Submission / Review (FPL)	100%	220 days	Mon 2/11/19	Fri 12/13/19																								
13	Pull Wire / Terminations Primary (FPL)	100%	145 days	Mon 2/18/19	Fri 9/6/19																								
14	*ATT Rod Conduit, Pull Wire, Set Pedestals	90%	180 days	Mon 3/11/19	Fri 11/15/19																								
15	*Comcast Pull Wire, Set Pedestals	100%	180 days	Mon 3/11/19	Fri 11/15/19																								
16	Cut over / Overhead Removal (ATT/Comcast)	35%	150 days	Mon 6/3/19	Fri 12/27/19																								
17	Energize Underground (FPL)	0%	140 days	Mon 4/8/19	Fri 10/18/19																								
18	Secondary Service Switch Over (FPL)	50%	180 days	Fri 4/19/19	Thu 12/26/19																								
19	** Demo Overhead / Remove Poles (FPL) / Final Restoration	0%	180 days	Mon 6/17/19	Fri 2/21/20																								
20	*This Work Will Be Performed By ATT/COMCAST Crews, All Other Work Is Anticipated To Be Performed By A Subcontractor Under The Direction Of	0%																											
21	**This Work Must Be Performed By FPL Crews, All Other Work Is Anticipated To Be Performed By A Subcontractor Under The Direction Of Burkhardt Construction, Inc.	0%																											
22	Storm Drainage	100%	30 days	Mon 8/12/19	Fri 9/20/19																								

UPDATED 2/26/2020  
CURRENT PERCENT COMPLETED 77%



TOWN-WIDE OVERHEAD UTILITY UNDERGROUNDING  
PHASE 3 NORTH  
PRELIMINARY SCHEDULE  
RFQ No. 2018-03



ID	Task Name	% Complete	Duration	Start	Finish	Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
1	PHASE 3 NORTH	25%	444 days?	Wed 8/14/19	Mon 4/26/21																									
2	Town Council Approval	100%	1 day	Wed 8/14/19	Wed 8/14/19																									
3	Award Prime Contract	100%	13 days	Thu 8/15/19	Mon 9/2/19																									
4	Permitting	98%	14 days	Thu 8/15/19	Tue 9/3/19																									
5	Customer Owned Service Connection Permitting	100%	14 days	Thu 8/15/19	Tue 9/3/19																									
6	Sub Contract Agreements	100%	14 days	Thu 8/15/19	Tue 9/3/19																									
7	Material Procurement	95%	55 days	Tue 8/20/19	Sun 11/3/19																									
8	Underground Conduit Installation, Primary/Secondary (FPL, ATT, Comcast)	35%	240 days	Mon 11/4/19	Fri 10/2/20																									
9	As-Built Submission / Review (FPL)	15%	200 days	Fri 1/3/20	Thu 10/8/20																									
10	Secondary Services / Wire	20%	100 days	Fri 5/8/20	Thu 9/24/20																									
11	Feeder Splice Box Installation	0%	55 days	Fri 7/10/20	Thu 9/24/20																									
12	Set Transformers / Switch Cabinets (FPL)	20%	55 days	Fri 7/10/20	Thu 9/24/20																									
13	Pull Wire / Terminations Primary (FPL)	20%	85 days	Fri 8/14/20	Thu 12/10/20																									
14	*ATT Rod Conduit, Pull Wire, Set Pedestals	0%	55 days	Fri 8/14/20	Thu 10/29/20																									
15	*Comcast Pull Wire, Set Pedestals	0%	55 days	Fri 8/14/20	Thu 10/29/20																									
16	Cut over / Overhead Removal (ATT/Comcast)	0%	20 days	Fri 11/6/20	Thu 12/3/20																									
17	Energize Underground (FPL)	0%	20 days	Tue 12/15/20	Mon 1/11/21																									
18	Secondary Service Switch Over (FPL)	0%	35 days	Tue 12/15/20	Mon 2/1/21																									
19	** Demo Overhead / Remove Poles (FPL) / Final Restoration	0%	57 days	Fri 2/5/21	Mon 4/26/21																									
20	*This Work Will Be Performed By ATT/COMCAST Crews, All Other Work Is Anticipated To Be Performed By A Subcontractor Under The Direction Of Burkhardt Construction, Inc.	0%																												
21	**This Work Must Be Performed By FPL Crews, All Other Work Is Anticipated To Be Performed By A Subcontractor Under The Direction Of Burkhardt Construction, Inc.	0%																												

**Underground Utility Project Budget**  
**Project Financial Summary**  
**February 29, 2020**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 1</b>	\$ 12,620,000	\$ 12,910,000	\$ 12,797,329	\$ 12,628,685	98.7%
<b>Phase 2</b>	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 5,611,257	43.4%
<b>Phase 3</b>	\$ 10,910,000	\$ 15,400,000	\$ 6,031,565	\$ 2,013,874	33.4%
<b>Phase 4</b>	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 735,166	55.1%
<b>Phase 5</b> (\$8.5 Million FEMA Grant Offset)	\$ 14,090,000	\$ 11,694,645	\$ 1,599,805	\$ 406,742	25.4%
<b>Phase 6</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,886,346	\$ -	0.0%
<b>Phase 7</b>	\$ 11,730,000	\$ 15,910,000	\$ -	\$ -	
<b>Phase 8</b>	\$ 12,300,000	\$ 14,500,000	\$ -	\$ -	
<b>Total Project Costs To Date</b>	<b>\$ 98,010,000</b>	<b>\$ 119,904,645</b>	<b>\$ 36,566,027</b>	<b>\$ 21,395,724</b>	<b>58.5%</b>
<b>Other Costs Associated Directly with the Project (Page 8)</b>	<b>\$ 570,000</b>	<b>\$ 1,180,414</b>	<b>\$ 1,180,414</b>	<b>\$ 921,064</b>	<b>78.0%</b>
<b>Grand Total of Costs Related to Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 37,746,441</b>	<b>\$ 22,316,788</b>	<b>59.1%</b>
<b>Debt Service and Related Debt Issuance Costs (Page 8)</b>			<b>\$ 6,098,350</b>	<b>\$ 4,636,639</b>	<b>76.0%</b>
<b>Total Other Costs Outside Underground Budget (Page 8)</b>			<b>\$ 1,158,567</b>	<b>\$ 1,918,807</b>	<b>165.6%</b>
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 38,905,008</b>	<b>\$ 24,235,595</b>	<b>62.3%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 121,085,059</b>
% Budgeted/Encumbered To Date Project Costs	31.17%
% Spent to Date - Project Costs	18.43%

**Project Revenues Received**

Revenues	Budget	Actual	% of Budget
<b>Revenues</b>			
Prepaid Assessments	\$ -	\$ 11,962,131	0.0%
Assessment Revenue	\$ 13,380,000	\$ 12,441,377	93.0%
Commercial Paper	\$ -	\$ -	0.0%
Town Owned Property Prepaid Assessments	\$ 2,797,291	\$ 2,797,291	100.0%
Interest on Assessment Escrow	\$ -	\$ 396,389	0.0%
Interest	\$ 512,000	\$ 1,901,484	371.4%
GO Bond Proceeds	\$ 60,500,000	\$ 60,499,897	100.0%
1 Cent Sales Tax	\$ 5,000,000	\$ 1,708,333	34.2%
FPL		\$ 450,246	0.0%
FEMA Grant	\$ 8,500,000	\$ -	0.0%
<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 (001) General Fund - PM Salary	\$ 409,450	\$ 333,187	81.4%
<b>Total Project Revenues</b>	<b>\$ 91,908,191</b>	<b>\$ 93,334,687</b>	<b>101.6%</b>

**Underground Utility Project Budget**  
**Phase 1 Project Costs**  
**February 29, 2020**

	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	3,598,144	100.0%
Street Light Conversion			\$ 26,273	109,049	415.1%
Change Order for AT&T and Comcast Conduit			\$ 371,201	371,201	100.0%
Other Change orders			\$ 130,415	130,415	100.0%
Utility Design Costs			\$ 15,595	15,595	100.0%
Utility Construction Costs (FPL, Comcast, AT&T)			\$ 476,776	483,548	101.4%
Construction Engineering (KH)			\$ 230,532	205,818	89.3%
	<b>\$ 4,210,000</b>	<b>\$ 4,930,000</b>	<b>\$ 4,868,657</b>	<b>\$ 4,933,490</b>	<b>101.3%</b>
<b>Phase 1 South Construction</b>					
Preconstruction			\$ 22,200	22,200	100.0%
Whiting Turner Construction			\$ 4,450,977	4,267,153	95.9%
Change Order for AT&T and Comcast Conduit			\$ 125,147	125,147	100.0%
Other Approved Change Orders			\$ 12,749	12,749	100.0%
Utility Design Costs			\$ 33,013	33,013	100.0%
Utility Construction Costs (FPL, Comcast, AT&T)			\$ 1,374,193	1,362,028	99.1%
Construction Engineering (KH)			\$ 283,880	288,631	101.7%
	<b>\$ 6,800,000</b>	<b>\$ 6,350,000</b>	<b>\$ 6,302,159</b>	<b>\$ 6,110,920</b>	<b>97.0%</b>
Easement Recording Fees			\$ 347	740	
<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>					
Surveying			\$ 13,978		
Temp Service					
<b>Total Phase 1 Costs</b>	<b>\$ 12,620,000</b>	<b>\$ 12,910,000</b>	<b>\$ 12,797,329</b>	<b>\$ 12,628,685</b>	<b>98.7%</b>

**Underground Utility Project Budget**  
**Phase 2 Project Costs**  
**February 29, 2020**

	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	\$ 129,348	94.7%
<b>Total Phase 2 Design</b>	<b>\$ 735,000</b>	<b>\$ 807,000</b>	<b>\$ 806,513</b>	<b>\$ 799,244</b>	<b>99.1%</b>
<b>Construction Costs</b>					
<b>Phase 2 North Construction</b>					
Preconstruction			\$ 35,000	31,970	91.3%
Burkhardt Construction			\$ 4,015,865	3,604,249	89.8%
Approved Change Orders			\$ -	-	
FPL Design Cost			\$ 11,759	1,350	11.5%
ATT Design Cost			\$ 5,000	\$ 5,000	100.0%
Comcast Design Cost				\$ 4,582	
Utility Costs (FPL, Comcast, AT&T)			\$ 496,307	\$ 496,307	100.0%
FPL - Additional Vista Switches				\$ 54,938	
Street Light Conversion			\$ 19,186	\$ 19,186	100.0%
Construction Engineering (KH)			\$ 248,121	\$ 210,055	84.7%
<b>Total Phase 2 North Construction</b>	<b>3,800,000</b>	<b>5,020,000</b>	<b>\$ 4,831,238</b>	<b>\$ 4,427,637</b>	<b>91.6%</b>
<b>Phase 2 South Construction</b>	<b>-</b>				
Preconstruction			\$ 35,000	-	
Burkhardt Construction			\$ 6,494,596		
Approved Change Orders			\$ -		
FPL Design Cost			\$ 13,330	14,200	106.5%
ATT Design Cost			\$ 5,000	\$ 5,000	100.0%
Comcast Design Cost			\$ 5,000	\$ 4,582	
Utility Costs (FPL, Comcast, AT&T)			\$ 200,000	\$ 123,948	
Street Light Conversion			\$ 20,000	\$ 19,268	
Construction Engineering (KH)	-		\$ 282,973	\$ 13,837	
<b>Total Phase 2 South Construction</b>	<b>4,435,000</b>	<b>7,424,000</b>	<b>\$ 7,055,899</b>	<b>\$ 180,835</b>	<b>2.6%</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	\$ 19,409	89.3%
Advertising				\$ 1,101	
Jones Foster - Legal			\$ 25,000	\$ 23,325	93.3%
Postage			\$ -	\$ 491	
Recording Costs			\$ 3,605	\$ 2,793	77.5%
Easement Abandonment			\$ 15,484	\$ -	0.0%
<b>Total Easement Acquisition Costs</b>	<b>200,000</b>	<b>219,000</b>	<b>\$ 222,236</b>	<b>\$ 203,541</b>	<b>91.6%</b>
<b>Total Phase 2 Costs</b>	<b>\$ 9,170,000</b>	<b>\$ 13,470,000</b>	<b>\$ 12,915,885</b>	<b>\$ 5,611,257</b>	<b>43.4%</b>



**Underground Utility Project Budget**  
**Phase 3 Project Costs**  
**February 29, 2020**

	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	\$ 413,374	85.0%
Task 1.3 Permitting Assistance			\$ 13,739		0.0%
Task 1.4 Bid Phase Assistance			\$ 36,834	\$ 18,417	50.0%
Task 1.5 Meetings			\$ 77,411	\$ 70,561	91.2%
<b>Total Phase 3 Design</b>	<b>\$ 860,000</b>	<b>\$ 895,000</b>	<b>\$ 894,505</b>	<b>\$ 782,541</b>	<b>87.5%</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			\$ 4,042,171	\$ 439,345	10.9%
Approved Change Orders					
FPL Design Cost			\$ 12,850	\$ 1,350	10.5%
ATT Design Cost				\$ 5,000	
Comcast Design Cost				\$ 3,128	
FPL Construction			\$ 87,101	\$ 87,101	
Construction Engineering (KH)			\$ 236,976	\$ 51,094	21.6%
Daniella Construction - Nightingale/LaPuerta - Townwide portion			\$ 243,470	\$ 243,470	100.0%
FPL Nightingale/LaPuerta - Townwide Portion			\$ 74,900	\$ 74,900	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%
<b>Total Phase 3 North Construction</b>	<b>\$ 3,700,000</b>	<b>\$ 5,300,000</b>	<b>\$ 4,761,488</b>	<b>\$ 969,408</b>	<b>20.4%</b>
<b>Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost			\$ 11,359	2,700	
ATT Design Cost				5,000	
Comcast Design Cost				3,128	
Construction Engineering (KH)					
<b>Total Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>	<b>\$ 11,359</b>	<b>\$ 10,828</b>	<b>0.0%</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	\$ 246,874	90.3%
Legal Advertising				\$ 1,076	
<i>Surveys</i>					
Task Legal Sketch South			\$ 37,436		
Jones Foster - Legal			\$ 25,000		
Recording Costs				\$ 3,147	
Easement Abandonment			\$ 28,387	\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 260,000</b>	<b>\$ 330,000</b>	<b>\$ 364,213</b>	<b>\$ 251,098</b>	<b>68.9%</b>
<b>Total Phase 3 Costs</b>	<b>\$ 10,910,000</b>	<b>\$ 15,400,000</b>	<b>\$ 6,031,565</b>	<b>\$ 2,013,874</b>	<b>33.4%</b>

**Underground Utility Project Budget**  
**Phase 4 Project Costs**  
**February 29, 2020**

	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	224,868	72.0%
Task 1.2 Phase 4 South Design	\$ 413,000		\$ 451,284	261,745	58.0%
Task 1.3 Permitting Assistance			\$ 14,468	-	0.0%
Task 1.4 Bid Phase Assistance			\$ 37,899	-	0.0%
Task 1.6 Meetings			\$ 77,911	19,954	25.6%
<b>Total Phase 4 Design</b>	<b>\$ 815,000</b>	<b>\$ 894,000</b>	<b>\$ 893,879</b>	<b>506,567</b>	<b>56.7%</b>
<b>Construction Costs</b>					
<b>Phase 4 North Construction</b>	<b>4,605,000</b>	<b>6,275,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost			\$ 12,757		
ATT Design Cost				5,000	
Comcast Design Cost				3,128	
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 4 North Construction</b>	<b>\$ 4,605,000</b>	<b>\$ 6,275,000</b>	<b>\$ 12,757</b>	<b>8,128</b>	<b>0.0%</b>
<b>Phase 4 South Construction</b>	<b>4,710,000</b>	<b>7,640,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost			\$ 13,160	1,350	
ATT Design Cost				5,000	
Comcast Design Cost				3,128	
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 4 South Construction</b>	<b>\$ 4,710,000</b>	<b>\$ 7,640,000</b>	<b>\$ 13,160</b>	<b>9,478</b>	<b>0.0%</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	201,769	72.0%
Easement Assistance (KH) -- Switches			\$ 67,747	49	0.1%
<i>Surveys</i>					
Legal Sketch			\$ 38,230	8,225	21.5%
Legal Sketch - Switches			\$ 4,967		
Jones Foster - Legal					
Recording Costs				950	
Easement Abandonment			\$ 24,086		
<b>Total Easement Acquisition Costs</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>	<b>\$ 415,300</b>	<b>210,994</b>	<b>50.8%</b>
<b>Total Phase 4 Costs</b>	<b>\$ 10,370,000</b>	<b>\$ 15,220,000</b>	<b>\$ 1,335,096</b>	<b>735,166</b>	<b>55.1%</b>

**Underground Utility Project Budget**  
**Phase 5 Project Costs**  
**February 29, 2020**

	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	\$ 168,058	37.0%
Task 1.2 Phase 5 South Design	\$ 600,000		\$ 606,951	\$ 188,155	31.0%
Task 1.3 Permitting Assistance North					0.0%
Task 1.3 Permitting Assistance South			\$ 17,100		0.0%
Task 1.4 Bid Phase Assistance North			\$ 37,899		0.0%
Task 1.4 Bid Phase Assistance South					0.0%
Task 1.6 Meetings North			\$ 77,911	\$ 7,830	10.0%
Task 1.6 Meetings South					0.0%
<b>Total Phase 5 Design</b>	<b>\$ 1,120,000</b>	<b>\$ 1,195,000</b>	<b>\$ 1,194,071</b>	<b>\$ 364,042</b>	<b>30.5%</b>
<b>Construction Costs</b>					
<b>Phase 5 North Construction</b>	<b>\$ 5,890,000</b>	<b>\$ 8,055,000</b>			
Preconstruction					
Construction					
Utility Costs (FPL, Comcast, AT&T)					
FPL Design Costs			\$ 16,223	17,573	108.3%
Construction Engineering (KH)					
<b>Total Phase 5 North Construction</b>	<b>\$ 5,890,000</b>	<b>\$ 8,055,000</b>	<b>\$ 16,223</b>	<b>\$ 17,573</b>	<b>0.0%</b>
<b>Phase 5 South Construction</b>	<b>\$ 6,750,000</b>	<b>\$ 10,545,000</b>			
Preconstruction					
Construction					
Utility Costs (FPL, Comcast, AT&T)					
FPL Design Costs			\$ 19,283	20,633	107.0%
Construction Engineering (KH)					
<b>Total Phase 5 South Construction</b>	<b>\$ 6,750,000</b>	<b>\$ 10,545,000</b>	<b>\$ 19,283</b>	<b>\$ 20,633</b>	<b>107.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>			
<i>Kimley Horn Easement Assistance</i>					
<i>Easement Assistance</i>			\$ 218,600	\$ 4,132	1.9%
<i>Easement Assistance</i>			\$ 81,086	\$ 250	0.3%
<i>Surveys</i>					
<i>Legal Sketch</i>			\$ 41,080		
<i>Jones Foster - Legal</i>					
<i>Recording Costs</i>				\$ 111	
<i>Easement Abandonment</i>			\$ 29,462	\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>	<b>\$ 370,228</b>	<b>\$ 4,493</b>	<b>1.2%</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>\$ 1,599,805</b>	<b>\$ 406,742</b>	<b>25.4%</b>

**Underground Utility Project Budget**  
**Phase 6 Project Costs**  
**February 29, 2020**

	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	\$ 66,503	14.0%
Task 1.2 Phase 6 South Design	\$ 940,000		\$ 826,551	\$ 107,452	13.0%
Task 1.3 Permitting Assistance North					0.0%
Task 1.3 Permitting Assistance South			\$ 17,694		0.0%
Task 1.4 Bid Phase Assistance North			\$ 35,938		0.0%
Task 1.4 Bid Phase Assistance South					0.0%
Task 1.6 Meetings North			\$ 84,791	\$ 1,632	1.9%
<b>Total Phase 6 Design</b>	<b>\$ 1,360,000</b>	<b>\$ 1,440,000</b>	<b>\$ 1,439,993</b>	<b>\$ 175,586</b>	<b>12.2%</b>
<b>Utility and Construction Costs</b>					
<b>Phase 6 North Construction</b>	<b>\$ 4,790,000</b>	<b>\$ 6,615,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost					
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 6 North Construction</b>	<b>\$ 4,790,000</b>	<b>\$ 6,615,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Phase 6 South Construction</b>	<b>\$ 10,270,000</b>	<b>\$ 12,298,000</b>			
Preconstruction					
Construction					
Approved Change Orders					
FPL Design Cost					
ATT Design Cost					
Comcast Design Cost					
Utility Costs (FPL, Comcast, AT&T)					
Construction Engineering (KH)					
<b>Total Phase 6 South Construction</b>	<b>\$ 10,270,000</b>	<b>\$ 12,298,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 351,594	\$ 547	0.2%
<i>Surveys</i>					
Legal Sketch			\$ 58,415		0.0%
Jones Foster - Legal					
Recording Costs				\$ 208	
Easement Abandonment			\$ 36,344	\$ -	0.0%
<b>Total Easement Acquisition Costs</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>	<b>\$ 446,353</b>	<b>\$ 755</b>	<b>0.2%</b>
<b>Total Phase 6 Costs</b>	<b>\$ 16,820,000</b>	<b>\$ 20,800,000</b>	<b>\$ 1,886,346</b>	<b>\$ 176,341</b>	<b>9.3%</b>



**Underground Utility Project Budget**  
**Other Project Costs**  
**February 29, 2020**

<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%
Tash 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>		\$ 12,015	
<b>Easement Abandonment</b>	<b>\$ 200,000</b>	\$ 5,120	2.6%
<b>Community Outreach</b>	<b>\$ 282,519</b>	\$ 206,046	72.9%
<b>Peer Review Study - Patterson &amp; Dewar (\$50,000 Offsetting Revenue)</b>	<b>\$ 100,000</b>	\$ 100,000	100.0%
<b>Total Other Project Costs</b>	<b>\$ 1,180,414</b>	<b>\$ 921,064</b>	<b>78.0%</b>

**Debt Service and Related Debt Issuance Costs**

	<b>Budget</b>	<b>Actual</b>	<b>% Expended</b>
Commercial Paper Issuance Cost		\$ 195,366	
Commercial Paper Fees		\$ 52,252	
Commercial Paper Interest		\$ 243,096	
GO Bond Closing Costs		\$ 487,471	
GO Bond Debt Service	\$ 6,098,350	\$ 3,658,456	60.0%
<b>Total Debt Service and Related Debt Issuance Costs</b>	<b>\$ 6,098,350</b>	<b>\$ 4,636,639</b>	<b>76.0%</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>			
Underground City of Lake Worth Section			
Project Design	\$ 25,231	\$ 24,430	96.8%
Project Construction	\$ 351,081	\$ 346,124	98.6%
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>\$ 513,847</b>	<b>97.8%</b>
Ibis Way PGD Improvements	\$ 14,583	\$ 14,583	100.0%
<b>General Fund Costs</b>			
Goldmacher v TPB Legal and Other Costs		\$ 183,701	
Kosberg v TPB Legal and Other Costs		\$ 522,209	
PBT Real Estate v TPB		\$ 159,344	
Gardner, Bist Bowden, Bush (Shef Wright)		\$ 24,799	
Temp Services - Easement acquisition	\$ 40,000	\$ 23,901	59.8%
Project Manager -Pay and benefits	\$ 454,398	\$ 369,479	81.3%
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>\$ 1,158,567</b>	<b>\$ 1,918,807</b>	<b>165.6%</b>

# U.S. Rate Forecasts

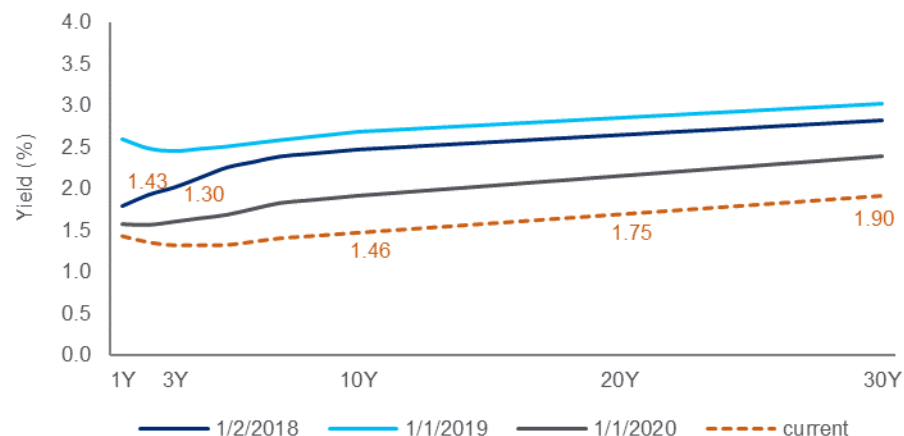
## 10-Year Treasury Yield Forecast

Citi is forecasting significantly lower 10-yr rates by year-end, diverging from Street consensus



## US Treasury Yield Curve

The yield curve steepened the most in more than a year on a definitive U.S. / China phase one trade agreement at the end of 2019 but recently flattened as investors monitored the coronavirus outbreak



## Rate Forecasts

5-Year Treasury	Current	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21
Citi's Forecast	1.30%	1.33%	1.15%	0.98%	0.80%	0.80%	0.80%
Economists' Consensus		1.60%	1.65%	1.74%	1.84%	1.86%	1.90%

10-Year Treasury	Current	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21
Citi's Forecast	1.46%	1.63%	1.50%	1.38%	1.25%	1.25%	1.25%
Economists' Consensus		1.74%	1.80%	1.86%	1.95%	2.00%	2.02%

30-Year Treasury	Current	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21
Citi's Forecast	1.90%	2.13%	2.00%	1.88%	1.75%	1.75%	1.75%
Economists' Consensus		2.20%	2.27%	2.37%	2.49%	2.50%	2.55%

Fed Funds	Current	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21
Citi's Forecast	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%	1.75%
Economists' Consensus		1.75%	1.75%	1.75%	1.75%	1.75%	1.75%

## Expectations of Fed Change in Interest Rates (Market View)

The market is currently pricing in one to two rate cuts for 2020

