

# TOWN OF PALM BEACH

Information for Town Council Meeting on: August 11, 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: July 30, 2020

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## I. Communications

### A. Community Meetings:

Cancelled until further notice.

### B. Significant Postal Mail or eMail

Phase 3 South:

Postal Mail – Letter advising property owners of above ground equipment installations planned for the adjacent Town Right of Way.

## II. Progress Summary:

### A. Construction Progress:

#### Phase 1 North:

From the Inlet south to Onondaga Ave.

- Complete, March 30, 2019

#### Phase 1 South:

From southern Town limits north to Sloan's Curve.

- Complete, April 3, 2020

**Phase 2 North Construction:**

From Esplanade Way to Ocean Terrace.

- Phase 2 North construction is 91% complete.
- FPL cutovers are complete.
- Comcast cutovers and decom are complete.
- ATT cutovers and overhead decom continue. This is the critical path.
- FPL wire and pole removal activities pushed to end of August.

**Phase 2 South Construction:**

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

- Phase 2 South, construction is 14% complete.
- The crews continue to work in the area south of Southern Blvd.

**Phase 3 North Construction:**

From Osceola Way to the north side of La Puerta Way

- Phase 3 North construction is 69% complete.
- The drilling crews have completed primary and feeder conduit, cable, concrete pad and transformer placements throughout Phase 3 south.
- Private side service conduits and cable are complete.
- ATT & Comcast install activities are in progress.

**B. Design & Easement Progress:****Phase 3 South:**

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

- Design is 94% complete
- 85 of 96 easements are recorded or verbally approved.
- Bid package availability is targeted for TC presentation in August or September.
- 6 critical easements remain outstanding along Golfview Alley.
- 4 critical easements remain outstanding S. County Road.
- 5 easements remain outstanding on the side streets.
- 1 of the 4 planned Chicanes remain without a solution.
  1. 20, 22 & 30 Middle Road (**30 Middle Road - Verbal Approval**)
  2. 70 Middle Road
  3. 234 El Brillo Way – (**eliminated by FPL design modification**)
  4. 350 & 358 El Brillo Way (**358 El Brillo Way - Verbal Approval**)

**Phase 4 North:**

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

- Design is 84% complete
- 56 of 60 easements are recorded or verbally approved.
- Bid package availability is approaching completion targeted for TC presentation in September.
- 2 critical path easements remains outstanding along N Lake Way.
- 6 Chicanes are currently planned within this area.
  1. 250, 255, 260, 263 & 271 El Pueblo Way
  2. 215, 223, 225, 230 & 232 Colonial Lane
  3. 274, 281 & 282 Monterey Road
  4. 216, 221 Monterey Road & 1080 N Ocean Blvd
  5. 251 & 265 Orange Grove Road
  6. 281 List Road

**Phase 4 South:**

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

- Design is 65% complete.
- 46 of 62 easements are recorded or verbally approved.
- Easement acquisition is behind schedule with the original Master plan construction being May 2020.

**Phase 5 North:**

From Country Club Road to Southland Road.

- Design is 33% complete and on schedule.
- 5 of 73 easements are recorded or verbally approved.

**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.
- 0 of 62 easements are recorded or verbally approved.

**Phase 6 North:**

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

- Design is 22% complete and on schedule.
- Easement acquisition has not started.

**Phase 6 South:**

Seaspray Ave to the south of Royal Poinciana Way.

- Design is 21% 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. Undergrounding Equipment in Town Owned Property**

During the July 14, 2020 meeting, when reviewing a modified easement request within the Palmo Way Park area, the Town Council requested a policy discussion regarding future placement of undergrounding equipment on Town owned property.

There are two types of Town owned property to discuss:

1) Town Owned Parks

- a. Town Council direction to staff is to avoid placing equipment in parks and seek private property easement solutions.
- b. If private alternatives are not available to deploy necessary equipment, staff will present park easement options for Town Council review and approval.

2) Town Owned Right of Way

- a. Staff seeks private property easement solutions for equipment on the served properties. If private property alternatives are not available to deploy necessary equipment, Town Right of Way alternative solutions are investigated. Types of Town Right of Way include:
  - i. Utility Strips – the area between the street and the sidewalk typically seen in midtown. Examples include: Australian Ave, Brazilian Ave, Chilean Ave

and the SeaStreets, among others. When equipment is placed within the utility strip, the sidewalk may require modification.

- ii. Beach Access – These are an option only if all private property options have been exhausted. Two areas that have been utilized so far include beach access paths, which are actually Town right of way, to the east of La Puerta Way and Via Marila. When considering beach access that is Town right of way, this is coordinated with the Coastal Program to ensure the equipment does not impact beach renourishment projects.
- iii. Chicanes – A street choker (aka chicane) is an option for the Town to construct if private property alternatives are not available to deploy necessary equipment.

## **IV. Financial Summary**

### **A. FEMA Grant Update:**

On July 22, 2020, the Town submitted to the Florida Department of Emergency Management its Phase 5 budget modification and period of performance extension request. Reporting changes is required and has been completed for project 4337-278-R, Agreement H0374 for Town of Palm Beach Undergrounding, Utility Protective Measures.

- The Town reported the revised project budget for the revised Engineer's Opinion of Cost (OPC). The revised OPC was presented to the Town Council Dec 10, 2019 based on actual costs of construction for phases of the project completed and in progress. This information was more accurate and was not available when the Town applied for the original grant.

FL DEM and FEMA review and response of the revised project budget is expected to require approximately 60 – 90 days.

- A Period of Performance (PoP) extension to the grant contract was submitted. The Town requested a contract extension until May 2023. Phase 5 of the project requires an estimated 2 year construction timeline. Start of construction is planned for May 2021.

FL DEM review of the PoP extension request is expected to require approximately 30 - 60 days.

**B. Project Budget Summary:**

Other than receiving vendor pay applications for design, direct material purchases or work performed in active phases, there were no changes made since last month's report. The full underground utility project financial report is provided within your backup package with the summary page shown immediately below.

**Underground Utility Project Budget  
Project Financial Summary  
July 31, 2020**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
Phase 1	\$ 12,620,000	\$ 12,910,000	\$ 12,829,947	\$ 12,843,681	100.1%
Phase 2	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 6,677,746	51.7%
Phase 3	\$ 10,910,000	\$ 15,400,000	\$ 6,088,978	\$ 4,817,992	79.1%
Phase 4	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 1,004,364	75.2%
Phase 5 (Includes \$8.5 Million FEMA Grant Offset)	\$ 14,090,000	\$ 11,694,645	\$ 1,609,805	\$ 504,822	31.4%
Phase 6	\$ 16,820,000	\$ 20,800,000	\$ 1,921,608	\$ 404,287	21.0%
Phase 7	\$ 11,730,000	\$ 15,910,000	\$ -	\$ -	
Phase 8	\$ 12,300,000	\$ 14,500,000	\$ -	\$ -	
<b>Total Project Costs To Date</b>	<b>\$ 98,010,000</b>	<b>\$ 119,904,645</b>	<b>\$ 36,701,320</b>	<b>\$ 26,252,892</b>	<b>71.5%</b>
Other Costs Associated Directly with the Project (Page 8)	\$ 570,000	\$ 1,180,414	\$ 1,180,414	\$ 928,441	78.7%
<b>Grand Total of Costs Related to Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 37,881,734</b>	<b>\$ 27,181,332</b>	<b>71.8%</b>
Debt Service and Related Debt Issuance Costs (Page 8)			\$ 6,098,350	\$ 4,636,639	76.0%
Total Other Costs Outside Underground Budget (Page 8)			\$ 1,158,567	\$ 2,018,761	174.2%
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 39,040,301</b>	<b>\$ 29,200,093</b>	<b>74.8%</b>

Total Project Budget - Opinion of cost for construction	\$ 121,085,059
% Budgeted/Encumbered To Date Project Costs	31.29%
% Spent to Date - Project Costs	22.45%

Rev: July 29 2020

PHASE 3 SOUTH - CRITICAL EASEMENT STATUS

Area	Owner	Address	Contact Title	Note
Golfview Alley	Carl & Mary Panattoni	8 Golfview	Owner	Declined
Golfview Alley	Fred Masters	212 Worth Ave	Owner	Declined
Golfview Alley	Ilan Yerushalmi, Napoleon Palm Beach	218 Worth Ave	Owner	No progress.
Golfview Alley	Worth Pondfield, Mark Waxman	222 Worth Ave	Property Manager	No progress.
Golfview Alley	Ms. Handlesman	224 Worth Ave	Owner	Pending decision
Golfview Alley	Ms. Handlesman	306 Worth Ave	Owner	Pending decision
S. County Rd	Francoise & Jacques Cohen	137 El Vedado Road	Owner	Verbal Agreement
S. County Rd	Bill Collatos, Posey & Roy	750 South County Road	Owner & Architect	Declined (After ARCOM Contingent Approval)
S. County Rd	Ann Desruisseaux trustee, Attebury attorney.	800 South County Road	Trustee	Pending decision
S. County Rd	MICHAEL KETTENBACH	800 S County Road	Owner	Pending decision
S. County Rd	Robert F. Agostinelli, Leo Sotomejor	196 Banyan Rd	Property Manager	Pending decision
Street	Colony Hotel	152 Hammon Ave	Hotel Mgr	Pending decision
Street	Jan Holdings, LLC (Ms. Navab Owner)	4 El Bravo Way	Property Manager	Verbal Agreement
Street	Margaretta Taylor	120 El Brillo Way	Owner	Verbal Agreement
Street	Richard Kurtz	235 Banyan Rd	Owner	Pending decision
Street	Robert & Paula Butler, Larry Alexander	640 S. Ocean Blvd	Owner, Attorney	Pending decision

No Progress

Pending Decision

Approved

# Phase 4 North - Critical Easement Status & Chicanes

Chicane #	Number	Street	Owner	Note	Status
6	281	LIST ROAD	Gail G. Slingluff	Declined.	
5	251	Road	Ernest Gordon, LLC	Declined.	
	265	Road	Dave Moran	Declined.	
4	216	Monterey Rd	Budge and Candy (Henry and Leslie) Jamison	Declined.	
	1080	N. Ocean Blvd	Donald & Sher Kasun	Agreed - clear space	
3	282	Monterey Rd	Leigh & Pamela Dunston	Declined.	
	281	Monterey Rd	Anthony Cummings	No contact.	
	274	Monterey Rd	Barbara Smith, Beth Hayne PM	Declined.	
2	230	COLONIAL LANE	Salvatore J. Impastato	Declined.	
1	255	EL PUEBLO WAY	Donna & Allen Morris	Declined	
	260	El Pueblo Way	Gary B.& Kelly Jean Pohrer	Recorded	

No Progress
Pending
Approved

## Other Critical Path Easements

Street	Street	Owner	Status	Equipment Type
1072	N LAKE WAY	David Dreman	Declined.	VISTA
1090	N LAKE WAY	1090 NLW LLC	Approved	1Ø
1110	N LAKE WAY	New Owner (Jeff Smith Architectural Group)	Negotiating	1Ø
1090	N OCEAN BLVD	Ann Desruisseaux	Approved	1Ø





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

## **Table of Contents**

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

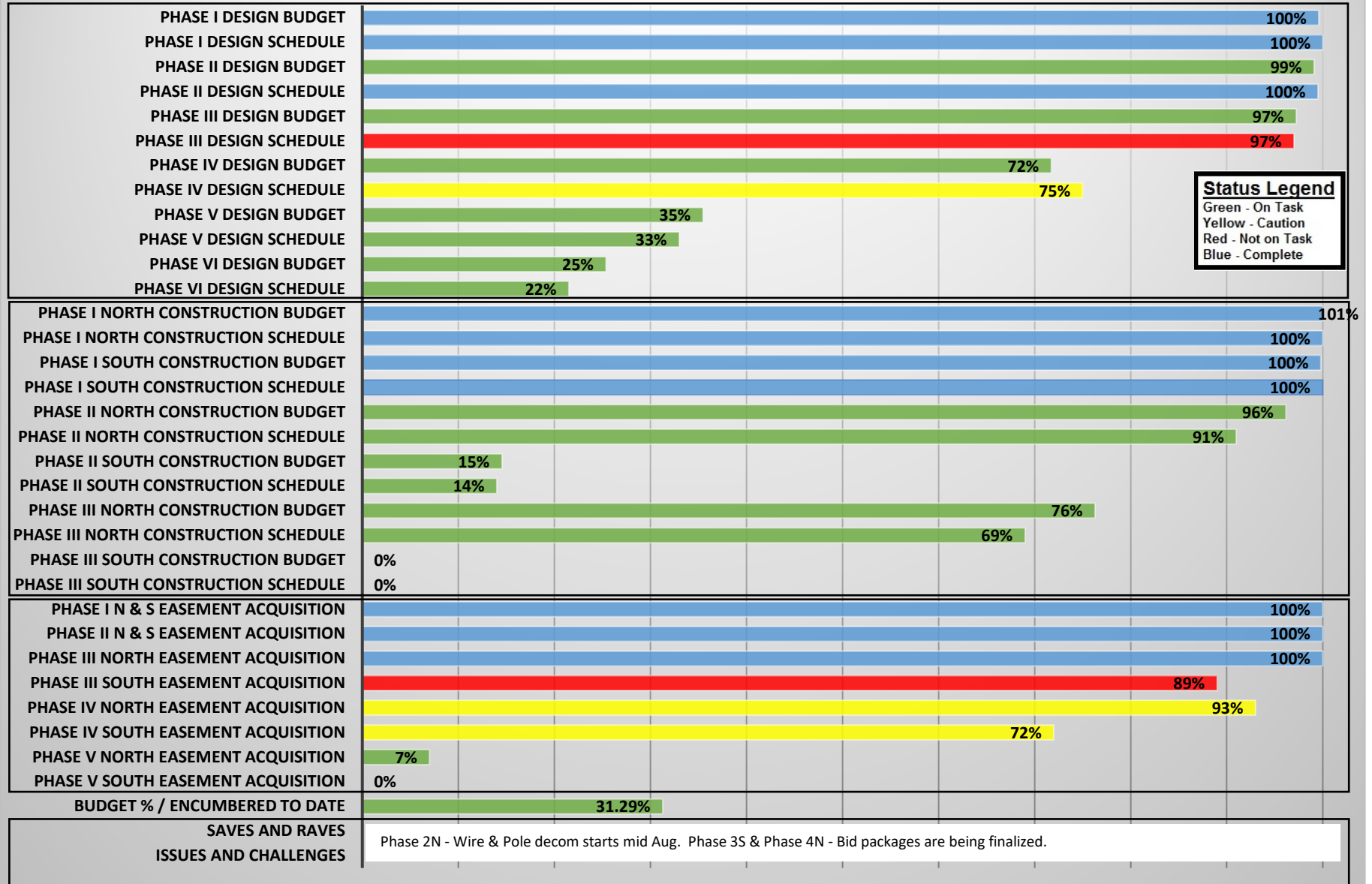
1. Townwide Undergrounding - Phasing & Sequencing Program Map
2. Kimley-Horn - Design  
Progress Reports - Phase 3 - 6  
Gantt Charts - Phase 3 - 6
3. Burkhardt Construction  
Executive Summary & Schedule - Phase 2N, 2S & 3N
4. Project Financial Report
5. Interest Rate Forecast

#### Dashboard Notes:

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

# Town of Palm Beach - Underground Utility Project Dashboard - August 2020

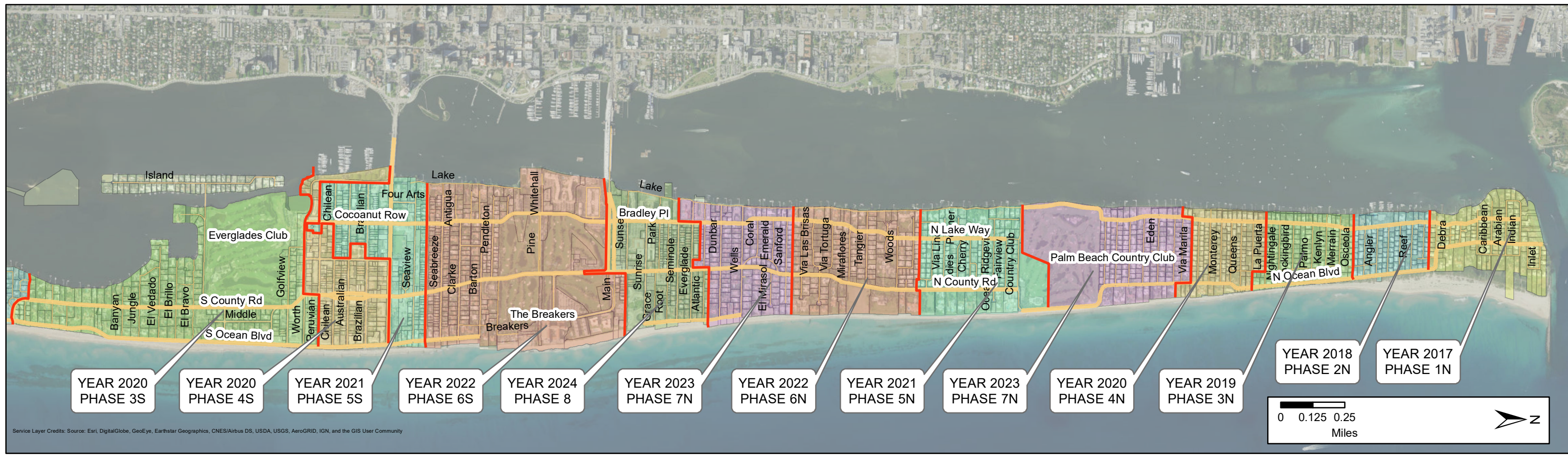
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



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



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  
July 2020 Progress Report  
Period: June 20, 2020 to July 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 94% complete \*
- Budget: Project is on budget as of July 15, 2020
  - Phase 3 North Design is at 99% of total task budget
  - Phase 3 South Design at 95% of total task budget
- Easement Status
  - Phase 3 North: 100% (36/36) easements approved
  - Phase 3 South: 89% (85/96) easements approved

\* Phase 3 South is currently behind schedule.

**B. Detailed Design Phase**

- Continued Subconsultant/utility owner coordination
- Progress Meeting Attendance
- GMP Scope Meeting Attendance and Coordination with CMAR
- Coordination with FPL on BCE Request, review of BCE received
- Coordination with FPL and Comcast to finalize design plans.
- Coordination with CMAR regarding GMP development
- Completion of FDOT Utility Permitting Process
- Coordination with the FDOT regarding the Landscaping Permit Application
- 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 (July 21, 2020 – August 20, 2020)**

**A. Detailed Design Phase**

- Continued Subconsultant/utility owner coordination
- Continued Easement meetings with property owners – Phases 3 South
- Continued coordination with FPL, AT&T and Comcast to revise the Phase 3 South design based on final easements
- Continued Bid/GMP development phase support
- Progress Meeting Attendance
- Respond to FDOT Landscaping comments if necessary



**Town-Wide Undergrounding - Phase 4 Undergrounding**  
**KHA Project #044063219**  
**July 2020 Progress Report**  
**Period: June 21, 2020 to July 20, 2020**

**I. Scope Update**

**A. General**

- Schedule: Project schedule progress is shown below.
    - Phase 4 North Design is 84% complete\*
    - Phase 4 South Design is 65% complete\*
  - Budget: Project is on budget as of July 15, 2020
    - Phase 4 North Design is at 90% of total task budget
    - Phase 4 South Design at 72% of total task budget
  - Easement Status
    - Phase 4 North: 93% (56/60) easements approved
    - Phase 4 South: 74% (46/62) 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.
- Continued review of FPL, Comcast, and AT&T Conduit and Equipment Plans, coordination with FPL, Comcast, and AT&T regarding design modifications.
- Development of Phase 4 North Landscape Plans
- Development and delivery of easement exhibits to the Town for Phases 4 North and South.
- Progress Meeting Attendance
- Meetings and site visits with property owners to discuss easement requests

**II. Upcoming Activities (July 21, 2020 – August 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.
- Continued development of Landscape Plans
- Meetings and site visits with property owners to discuss easement requests.
- Commercial Service sizing.
- Progress Meeting attendance.
- Progress towards Phase 4 North bid documents



## **Town-Wide Undergrounding - Phase 5 Undergrounding**

**KHA Project #044063229**

**July 2020 Progress Report**

**Period: June 26, 2020 to July 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 July 15, 2020
  - Phase 5 North Design is at 34% of total task budget
  - Phase 5 South Design is at 34% of total task budget
- **Easement Status**
  - Phase 5 North: 7% (5/73) easements approved
  - Phase 5 South: 0% (0/62) easements approved

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

- Performed soft digs
- Developed conduit routing plans
- Coordinated with utility companies, sub-consultants, and Town
- Attended property owner meetings and prepared easement exhibits
- Attended grant meeting with Town
- Led design meeting with utility companies, sub-consultants, and Town
- Led easement meetings with sub-consultants and Town
- Led coordination meetings with sub-consultants

### **II. Upcoming Activities (July 26, 2020 – August 25, 2020)**

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

- Perform soft digs
- Develop conduit routing plans
- Coordinate with utility companies, sub-consultants, and Town
- Attend property owner meetings and prepare easement exhibits
- Lead easement meetings with sub-consultants and Town
- Lead coordination meetings with sub-consultants



## **Town-Wide Undergrounding - Phase 6 Undergrounding**

**KHA Project #044063247**

**July 2020 Progress Report**

**Period: June 26, 2020 to July 25, 2020**

### **I. Scope Update**

#### **A. General**

- Schedule: Project schedule progress is shown below
  - Phase 6 North Design is 22% complete
  - Phase 6 South Design is 21% complete
- Budget: Project is on budget as of July 15, 2020
  - Phase 6 North Design is at 19% of total task budget
  - Phase 6 South Design is at 21% of total task budget
- Easement Status
  - Phase 6: N/A, will provide status when this work begins

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

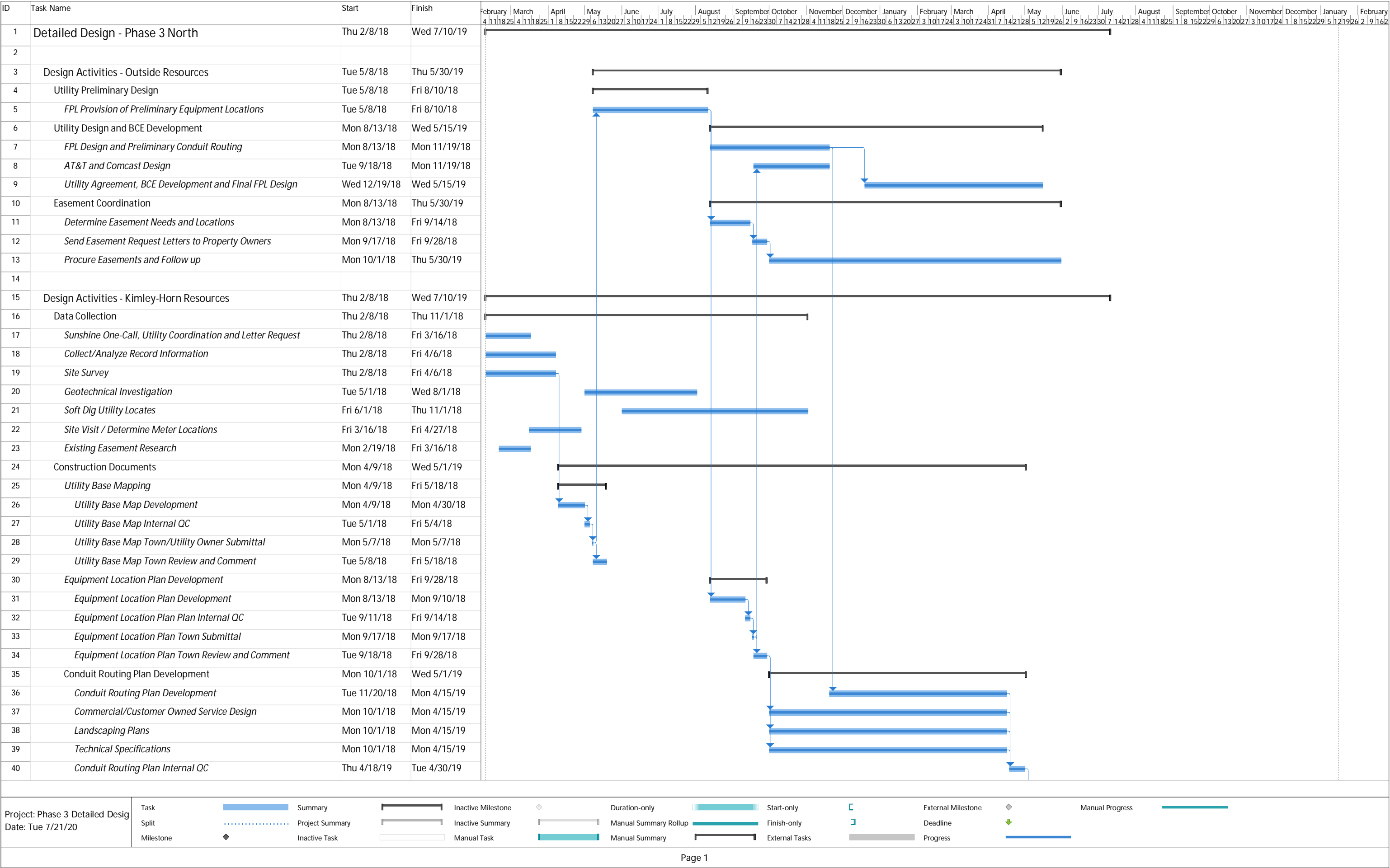
- Awaiting preliminary equipment locations from FPL
- Developed conduit routing plans
- Performed geotechnical investigation
- Coordinated with utility companies, sub-consultants, and Town
- Led coordination meetings with sub-consultants

### **II. Upcoming Activities (July 26, 2020 – August 25, 2020)**

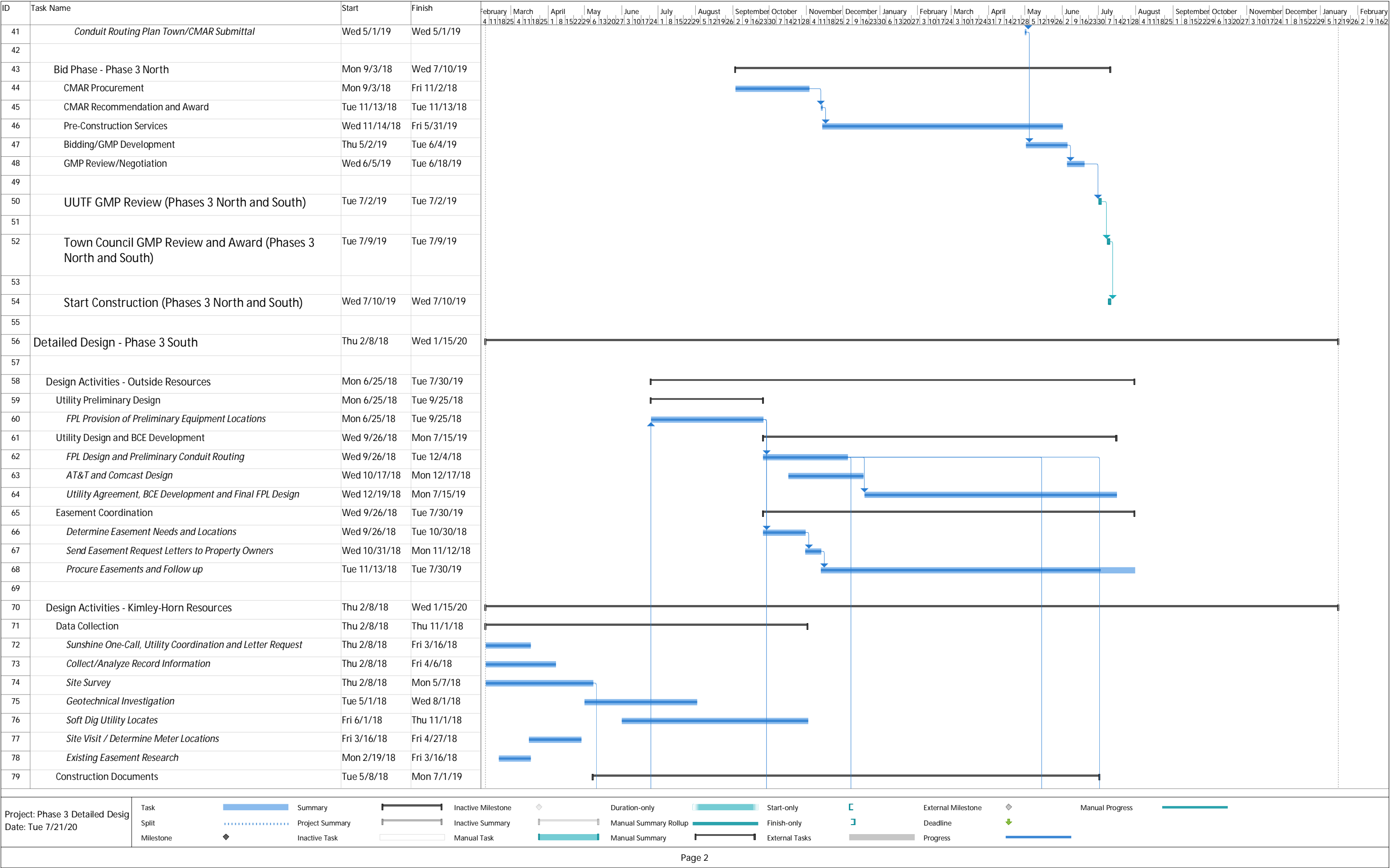
#### **A. Detailed Design Phase**

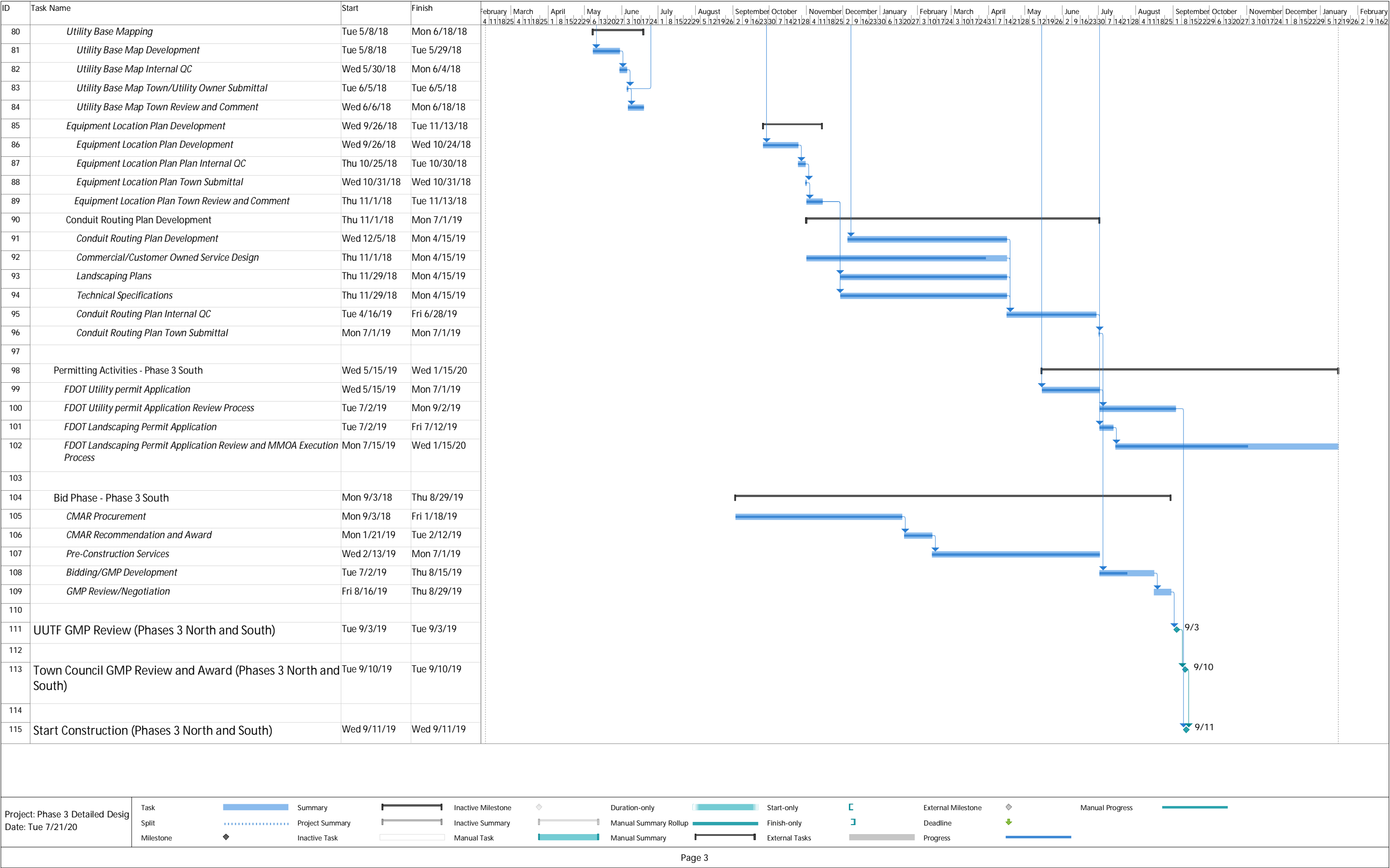
- Awaiting preliminary equipment locations from FPL
- Perform geotechnical investigation
- Perform soft digs
- Coordinate with utility companies, sub-consultants, and Town
- Lead coordination meetings with sub-consultants

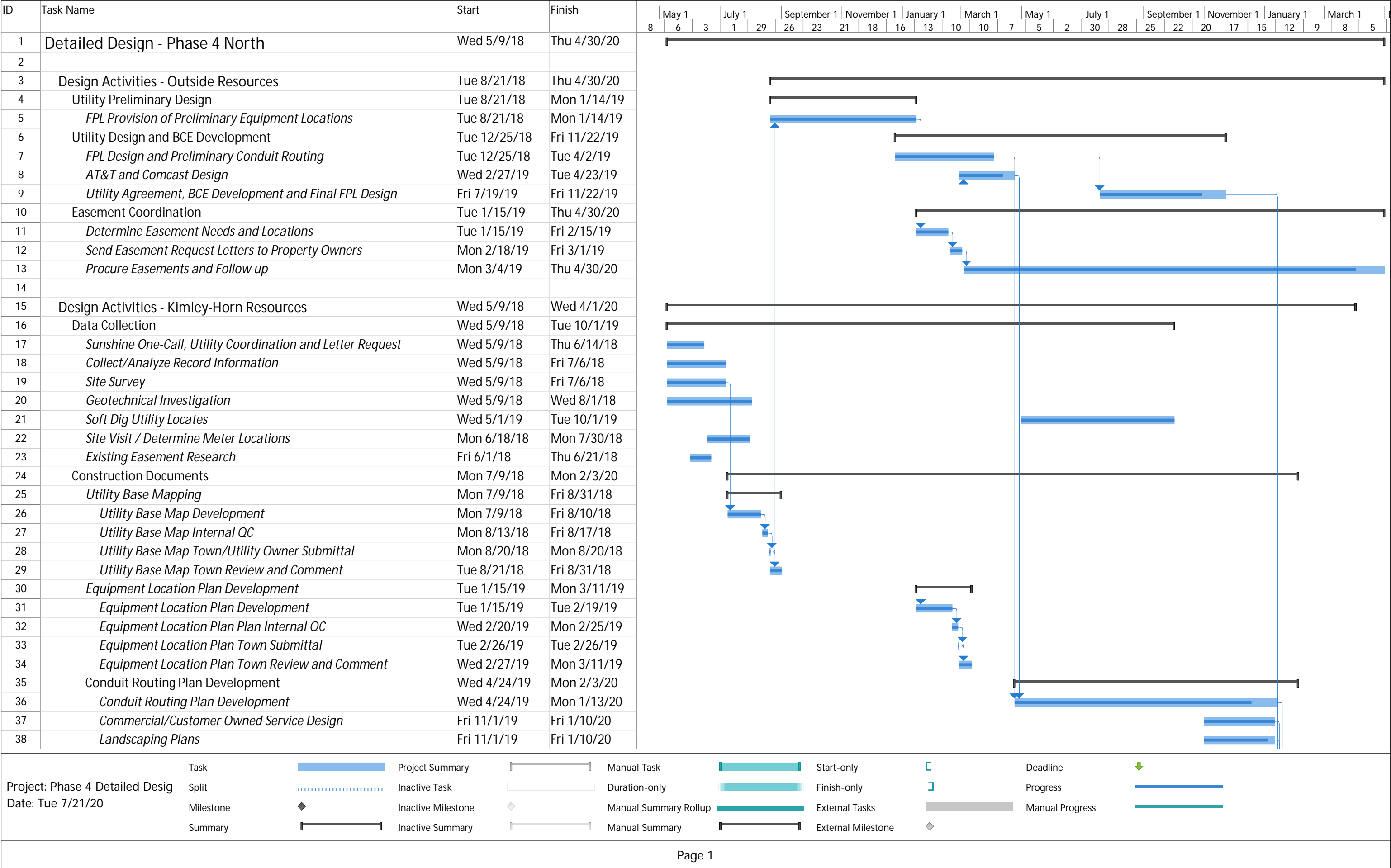


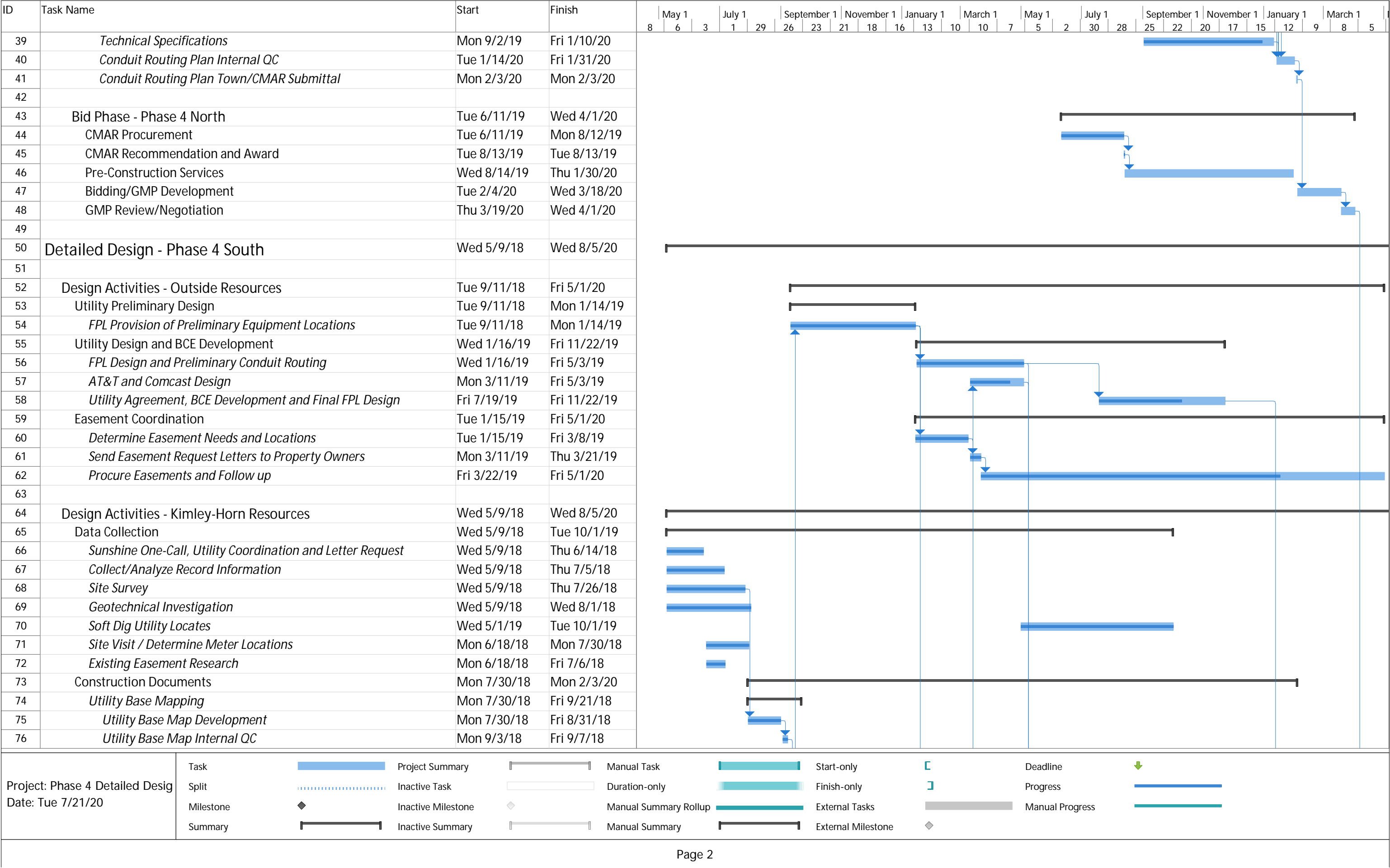


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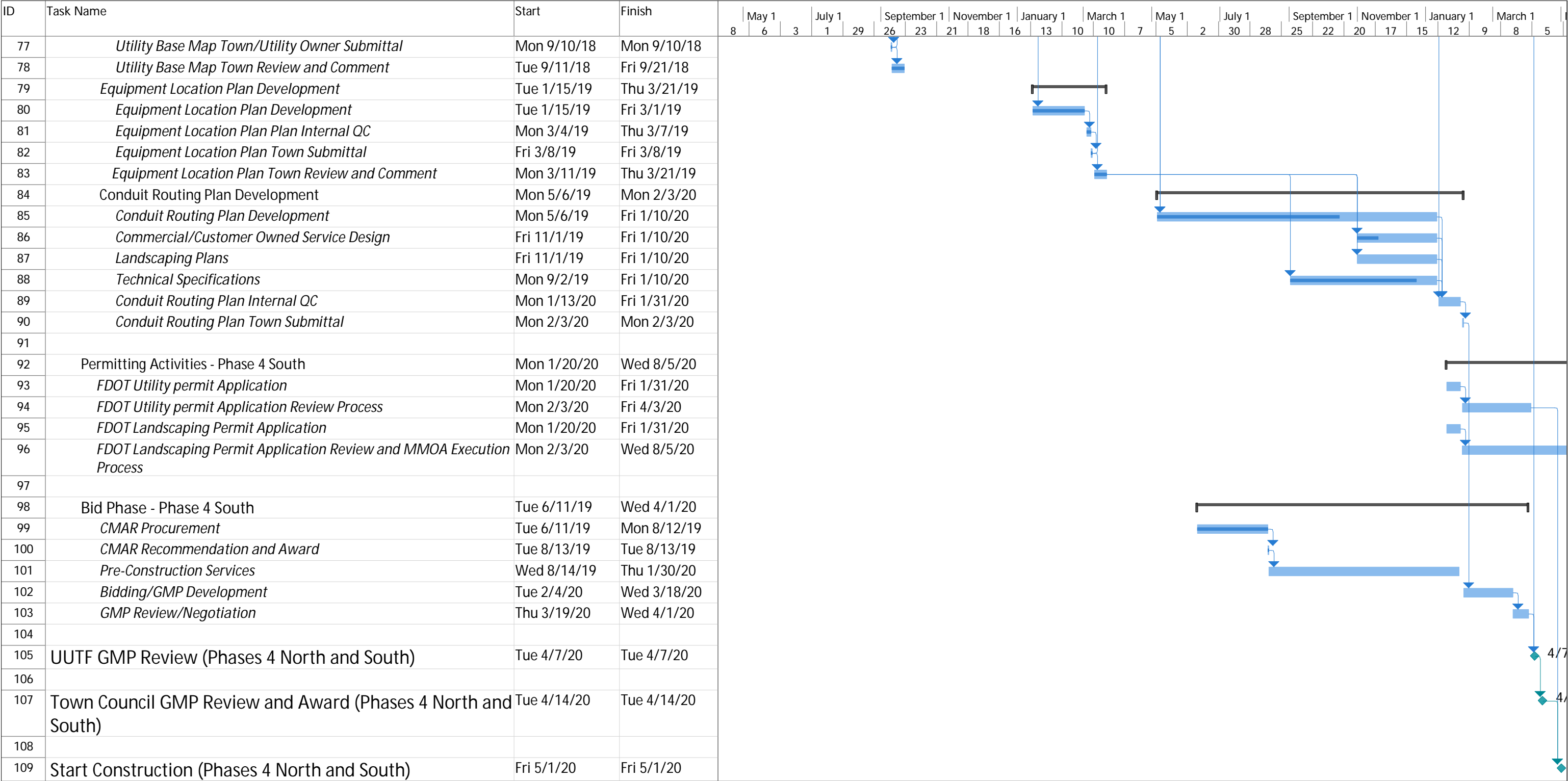








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Project: Phase 4 Detailed Design  
Date: Tue 7/21/20

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

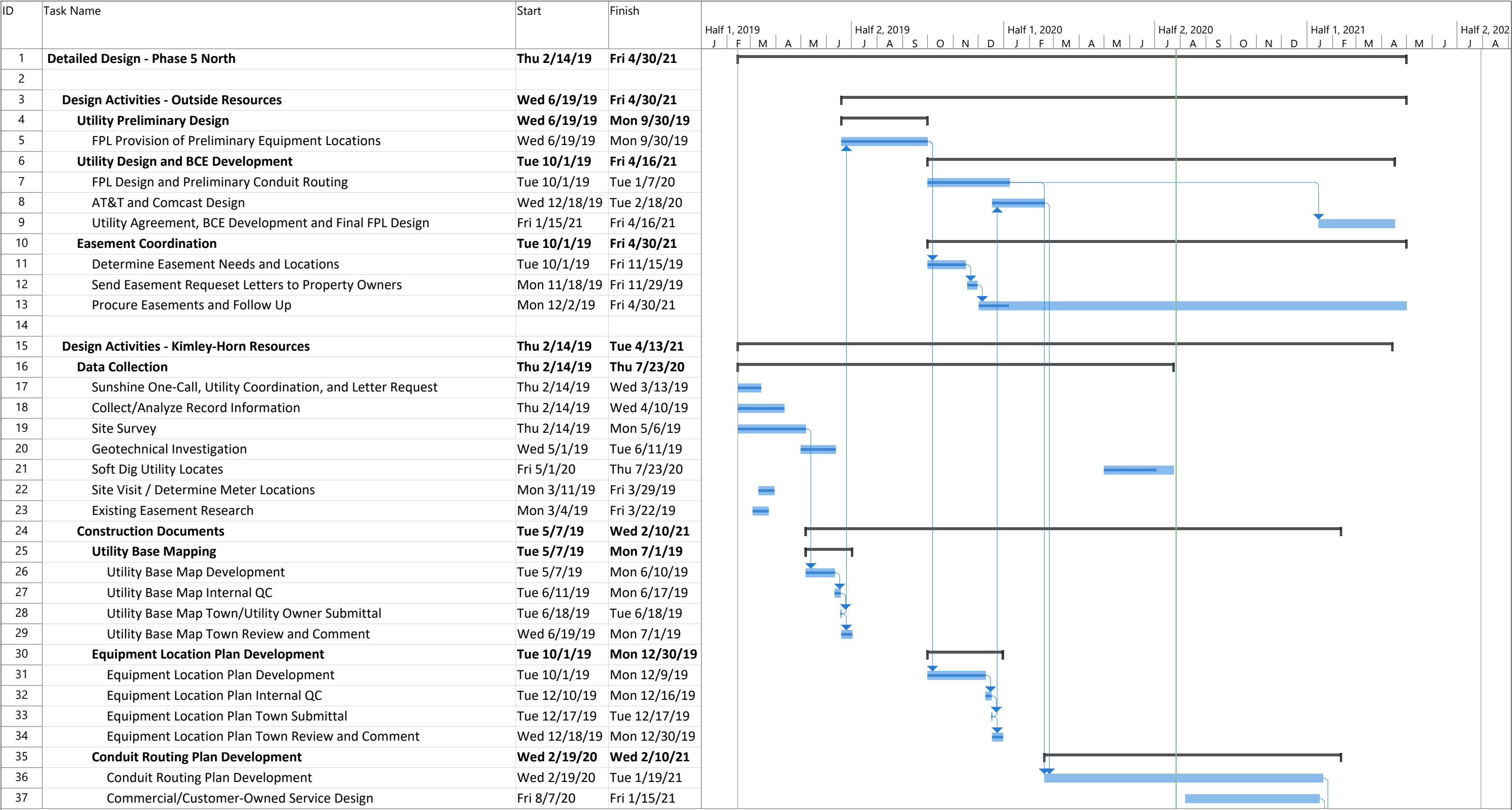
Duration-only

Manual Summary Rollup

Manual Summary

Start-onlyFinish-onlyExternal TasksExternal MilestoneDeadlineProgressManual Progress





Project: 2019\_0226\_Schedule  
Date: Mon 7/27/20

Task

Split

Milestone

Summary

◆

◆

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

◆

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Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

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Start-only

Finish-only

External Tasks

External Milestone

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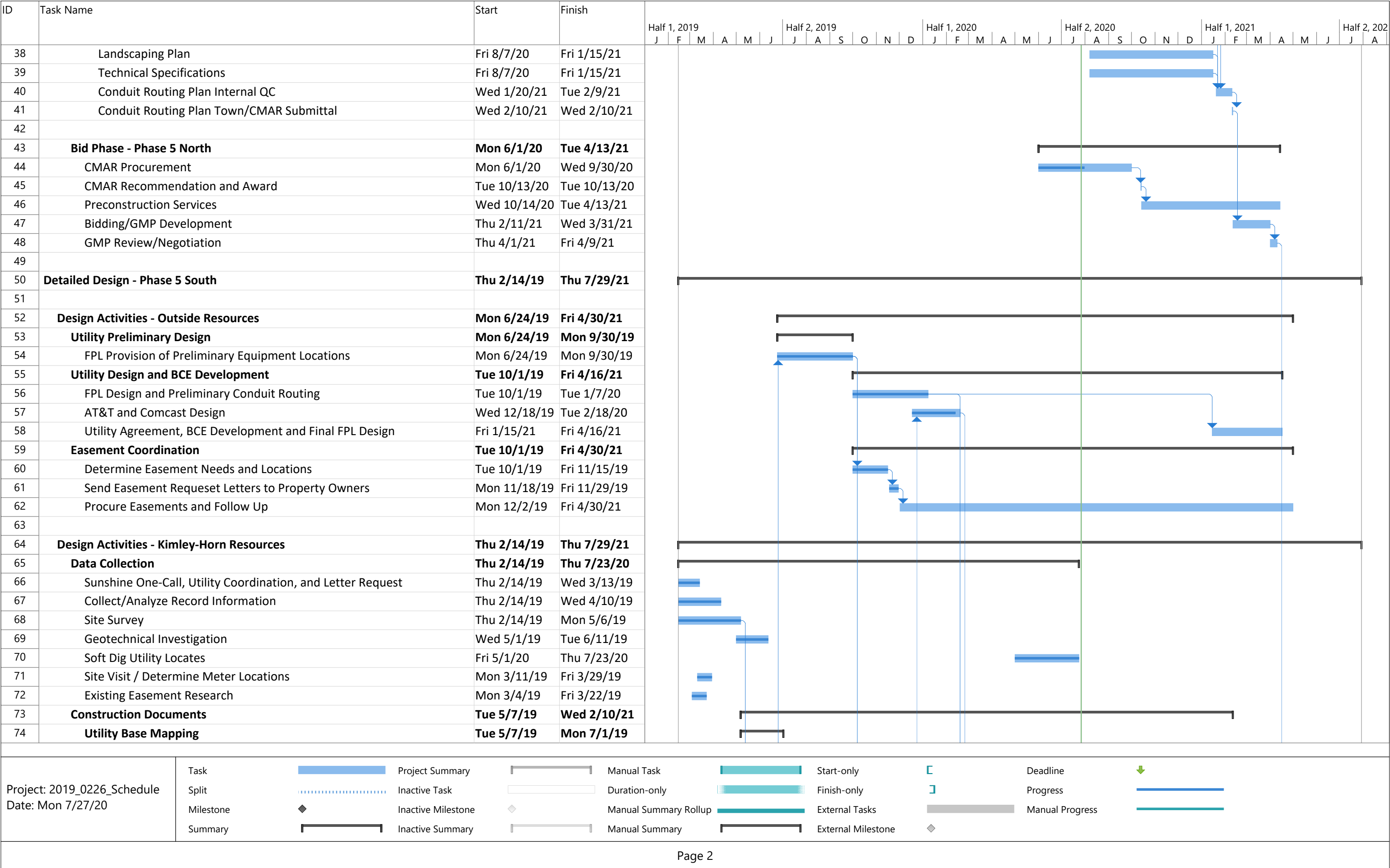
Deadline

Progress

Manual Progress

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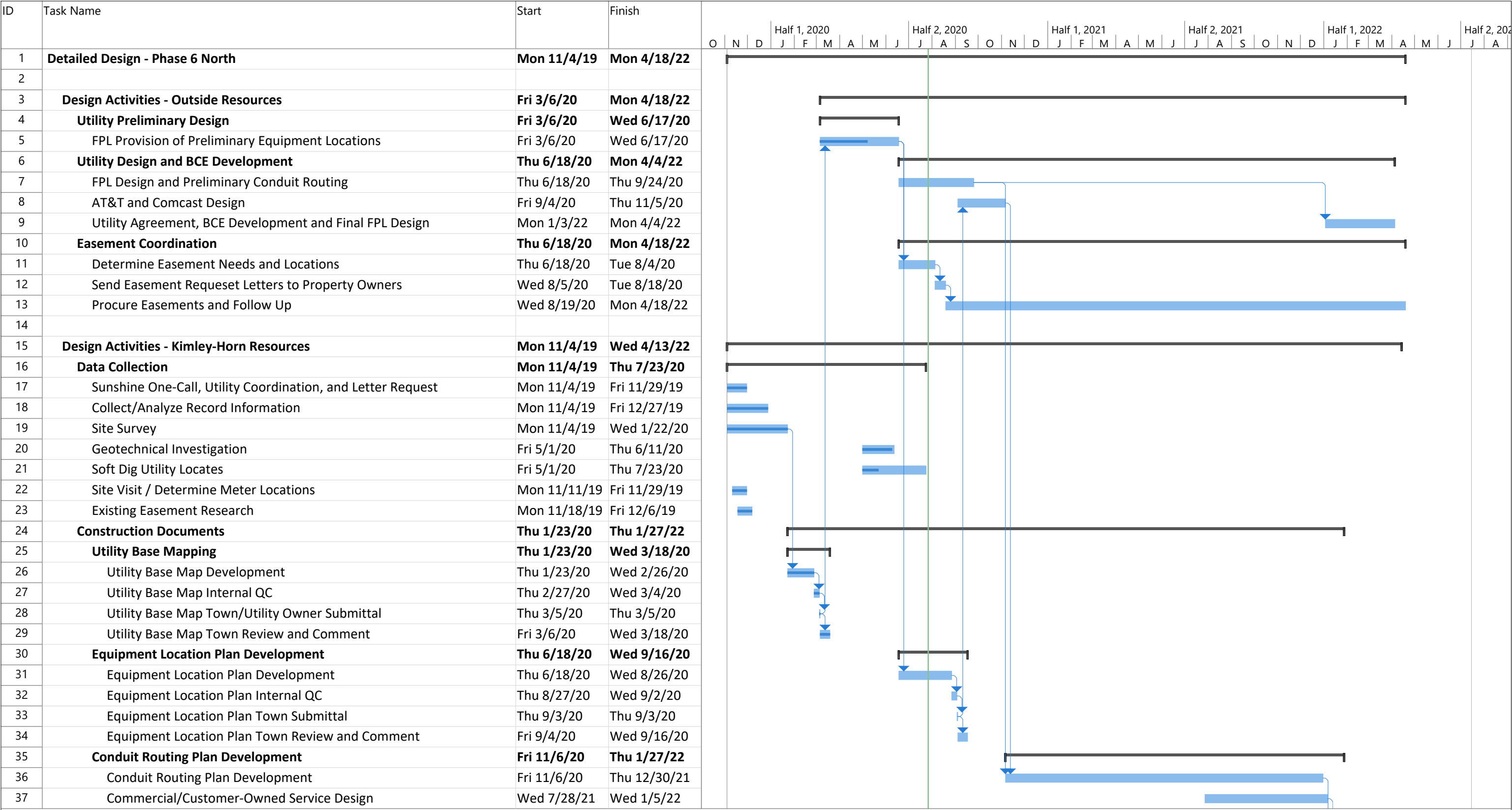
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Project: 2019_0226_Schedule Date: Mon 7/27/20	Task	<div></div>	Project Summary	<div></div>	Manual Task	<div></div>	Start-only	<div></div>	Deadline	<div></div>
	Split	<div></div>	Inactive Task	<div></div>	Duration-only	<div></div>	Finish-only	<div></div>	Progress	<div></div>
	Milestone	<div></div>	Inactive Milestone	<div></div>	Manual Summary Rollup	<div></div>	External Tasks	<div></div>	Manual Progress	<div></div>
	Summary	<div></div>	Inactive Summary	<div></div>	Manual Summary	<div></div>	External Milestone	<div></div>		



Project: 2019\_0226\_Schedule  
Date: Mon 7/27/20

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, 2020												Half 2, 2020												Half 1, 2021												Half 2, 2021												Half 1, 2022												Half 2, 2022											
				O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																					
38	Landscaping Plan	Wed 7/28/21	Wed 1/5/22																																																																								
39	Technical Specifications	Wed 7/28/21	Wed 1/5/22																																																																								
40	Conduit Routing Plan Internal QC	Thu 1/6/22	Wed 1/26/22																																																																								
41	Conduit Routing Plan Town/CMAR Submittal	Thu 1/27/22	Thu 1/27/22																																																																								
42																																																																											
43	Bid Phase - Phase 6 North	Fri 5/28/21	Wed 4/13/22																																																																								
44	CMAR Procurement	Fri 5/28/21	Tue 9/28/21																																																																								
45	CMAR Recommendation and Award	Tue 10/12/21	Tue 10/12/21																																																																								
46	Preconstruction Services	Tue 10/26/21	Wed 4/13/22																																																																								
47	Bidding/GMP Development	Fri 1/28/22	Thu 3/17/22																																																																								
48	GMP Review/Negotiation	Fri 3/18/22	Mon 3/28/22																																																																								
49																																																																											
50	Detailed Design - Phase 6 South	Mon 11/4/19	Thu 7/14/22																																																																								
51																																																																											
52	Design Activities - Outside Resources	Fri 3/6/20	Mon 4/18/22																																																																								
53	Utility Preliminary Design	Fri 3/6/20	Wed 6/17/20																																																																								
54	FPL Provision of Preliminary Equipment Locations	Fri 3/6/20	Wed 6/17/20																																																																								
55	Utility Design and BCE Development	Thu 6/18/20	Mon 4/4/22																																																																								
56	FPL Design and Preliminary Conduit Routing	Thu 6/18/20	Thu 9/24/20																																																																								
57	AT&T and Comcast Design	Fri 9/4/20	Thu 11/5/20																																																																								
58	Utility Agreement, BCE Development and Final FPL Design	Mon 1/3/22	Mon 4/4/22																																																																								
59	Easement Coordination	Thu 6/18/20	Mon 4/18/22																																																																								
60	Determine Easement Needs and Locations	Thu 6/18/20	Tue 8/4/20																																																																								
61	Send Easement Requeset Letters to Property Owners	Wed 8/5/20	Tue 8/18/20																																																																								
62	Procure Easements and Follow Up	Wed 8/19/20	Mon 4/18/22																																																																								
63																																																																											
64	Design Activities - Kimley-Horn Resources	Mon 11/4/19	Thu 7/14/22																																																																								
65	Data Collection	Mon 11/4/19	Thu 7/23/20																																																																								
66	Sunshine One-Call, Utility Coordination, and Letter Request	Mon 11/4/19	Fri 11/29/19																																																																								
67	Collect/Analyze Record Information	Mon 11/4/19	Fri 12/27/19																																																																								
68	Site Survey	Mon 11/4/19	Wed 1/22/20																																																																								
69	Geotechnical Investigation	Fri 5/1/20	Thu 6/11/20																																																																								
70	Soft Dig Utility Locates	Fri 5/1/20	Thu 7/23/20																																																																								
71	Site Visit / Determine Meter Locations	Mon 11/11/19	Fri 11/29/19																																																																								
72	Existing Easement Research	Mon 11/18/19	Fri 12/6/19																																																																								
73	Construction Documents	Thu 1/23/20	Thu 1/27/22																																																																								
74	Utility Base Mapping	Thu 1/23/20	Wed 3/18/20																																																																								

Project: 2019\_0226\_Schedule

Date: Mon 7/27/20

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

ID	Task Name	Start	Finish																																																																																				
				Half 1, 2020														Half 2, 2020														Half 1, 2021														Half 2, 2021														Half 1, 2022														Half 2, 2022													
				O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																																	
75	Utility Base Map Development	Thu 1/23/20	Wed 2/26/20																																																																																				
76	Utility Base Map Internal QC	Thu 2/27/20	Wed 3/4/20																																																																																				
77	Utility Base Map Town/Utility Owner Submittal	Thu 3/5/20	Thu 3/5/20																																																																																				
78	Utility Base Map Town Review and Comment	Fri 3/6/20	Wed 3/18/20																																																																																				
79	Equipment Location Plan Development	Thu 6/18/20	Wed 9/16/20																																																																																				
80	Equipment Location Plan Development	Thu 6/18/20	Wed 8/26/20																																																																																				
81	Equipment Location Plan Internal QC	Thu 8/27/20	Wed 9/2/20																																																																																				
82	Equipment Location Plan Town Submittal	Thu 9/3/20	Thu 9/3/20																																																																																				
83	Equipment Location Plan Town Review and Comment	Fri 9/4/20	Wed 9/16/20																																																																																				
84	Conduit Routing Plan Development	Fri 11/6/20	Thu 1/27/22																																																																																				
85	Conduit Routing Plan Development	Fri 11/6/20	Thu 12/30/21																																																																																				
86	Commercial/Customer-Owned Service Design	Wed 7/28/21	Wed 1/5/22																																																																																				
87	Landscaping Plan	Wed 7/28/21	Wed 1/5/22																																																																																				
88	Technical Specifications	Wed 7/28/21	Wed 1/5/22																																																																																				
89	Conduit Routing Plan Internal QC	Thu 1/6/22	Wed 1/26/22																																																																																				
90	Conduit Routing Plan Town/CMAR Submittal	Thu 1/27/22	Thu 1/27/22																																																																																				
91																																																																																							
92	Permitting Activities - Phase 6 South	Fri 1/14/22	Thu 7/14/22																																																																																				
93	FDOT Utility Permit Application	Fri 1/14/22	Thu 1/27/22																																																																																				
94	FDOT Utility Permit Application Review Process	Fri 1/28/22	Thu 3/24/22																																																																																				
95	FDOT Landscaping Permit Application	Fri 1/14/22	Thu 1/27/22																																																																																				
96	FDOT Landscaping Permit Application Review and MMOA Execution Process	Fri 1/28/22	Thu 7/14/22																																																																																				
97																																																																																							
98	Bid Phase - Phase 6 South	Fri 5/28/21	Wed 4/13/22																																																																																				
99	CMAR Procurement	Fri 5/28/21	Tue 9/28/21																																																																																				
100	CMAR Recommendation and Award	Tue 10/12/21	Tue 10/12/21																																																																																				
101	Preconstruction Services	Tue 10/26/21	Wed 4/13/22																																																																																				
102	Bidding/GMP Development	Fri 1/28/22	Thu 3/17/22																																																																																				
103	GMP Review/Negotiation	Fri 3/18/22	Mon 3/28/22																																																																																				
104																																																																																							
105	Town Council GMP Review and Award (Phases 6 North and South)	Tue 4/12/22	Tue 4/12/22																																																																																				
106																																																																																							
107	Start Construction (Phases 6 North and South)	Mon 5/2/22	Mon 5/2/22																																																																																				
Project: 2019_0226_Schedule Date: Mon 7/27/20		Task	<div></div>	Project Summary	<div></div>	Manual Task	<div></div>	Start-only	<div></div>	Deadline	<div></div>																																																																												
		Split	<div></div>	Inactive Task	<div></div>	Duration-only	<div></div>	Finish-only	<div></div>	Progress	<div></div>																																																																												
		Milestone	<div></div>	Inactive Milestone	<div></div>	Manual Summary Rollup	<div></div>	External Tasks	<div></div>	Manual Progress	<div></div>																																																																												
		Summary	<div></div>	Inactive Summary	<div></div>	Manual Summary	<div></div>	External Milestone	<div></div>																																																																														
Page 3																																																																																							

**Vincent G. Burkhardt**  
President



# Executive Summary

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	91%	399 days?	Tue 8/14/18	Fri 2/21/20	<div></div>																							
2	Town Council Approval	100%	1 day	Tue 8/14/18	Tue 8/14/18	<div></div>																							
3	Award Prime Contract	100%	13 days	Wed 8/15/18	Fri 8/31/18	<div></div>																							
4	Permitting	100%	14 days	Wed 8/15/18	Mon 9/3/18	<div></div>																							
5	Customer Owned Service Connection Permitting	100%	14 days	Wed 8/15/18	Mon 9/3/18	<div></div>																							
6	Sub Contract Agreements	100%	14 days	Wed 8/15/18	Mon 9/3/18	<div></div>																							
7	Material Procurement	100%	11 days	Mon 8/20/18	Mon 9/3/18	<div></div>																							
8	Underground Conduit Installation, Primary/Secondary (FPL, ATT, Comcast)	100%	240 days	Mon 9/3/18	Fri 8/2/19	<div></div>																							
9	Feeder Splice Box Installation	100%	140 days	Sun 12/30/18	Thu 7/11/19	<div></div>																							
10	Set Transformers / Switch Cabinets (FPL)	100%	155 days	Sun 1/13/19	Thu 8/15/19	<div></div>																							
11	Secondary Services / Wire	100%	235 days	Mon 11/5/18	Fri 9/27/19	<div></div>																							
12	As-Built Submission / Review (FPL)	100%	220 days	Mon 2/11/19	Fri 12/13/19	<div></div>																							
13	Pull Wire / Terminations Primary (FPL)	100%	145 days	Mon 2/18/19	Fri 9/6/19	<div></div>																							
14	*ATT Rod Conduit, Pull Wire, Set Pedestals	98%	180 days	Mon 3/11/19	Fri 11/15/19	<div></div>																							
15	*Comcast Pull Wire, Set Pedestals	100%	180 days	Mon 3/11/19	Fri 11/15/19	<div></div>																							
16	Cut over / Overhead Removal (ATT/Comcast)	85%	150 days	Mon 6/3/19	Fri 12/27/19	<div></div>																							
17	Energize Underground (FPL)	100%	140 days	Mon 4/8/19	Fri 10/18/19	<div></div>																							
18	Secondary Service Switch Over (FPL)	100%	180 days	Fri 4/19/19	Thu 12/26/19	<div></div>																							
19	** Demo Overhead / Remove Poles (FPL) / Final Restoration	0%	180 days	Mon 6/17/19	Fri 2/21/20	<div></div>																							
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%				<div></div>																							
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%				<div></div>																							
22	Storm Drainage	100%	30 days	Mon 8/12/19	Fri 9/20/19	<div></div>																							





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	69%	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	100%	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	100%	55 days	Tue 8/20/19	Sun 11/3/19																							
8	Underground Conduit Installation, Primary/Secondary (FPL, ATT, Comcast)	95%	240 days	Mon 11/4/19	Fri 10/2/20																							
9	As-Built Submission / Review (FPL)	80%	200 days	Fri 1/3/20	Thu 10/8/20																							
10	Secondary Services / Wire	95%	100 days	Fri 5/8/20	Thu 9/24/20																							
11	Feeder Splice Box Installation	75%	55 days	Fri 7/10/20	Thu 9/24/20																							
12	Set Transformers / Switch Cabinets (FPL)	95%	55 days	Fri 7/10/20	Thu 9/24/20																							
13	Pull Wire / Terminations Primary (FPL)	75%	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	5%	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**  
**July 31, 2020**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 1</b>	\$ 12,620,000	\$ 12,910,000	\$ 12,829,947	\$ 12,843,681	100.1%
<b>Phase 2</b>	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 6,677,746	51.7%
<b>Phase 3</b>	\$ 10,910,000	\$ 15,400,000	\$ 6,088,978	\$ 4,817,992	79.1%
<b>Phase 4</b>	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 1,004,364	75.2%
<b>Phase 5 (Includes \$8.5 Million FEMA Grant Offset)</b>	\$ 14,090,000	\$ 11,694,645	\$ 1,609,805	\$ 504,822	31.4%
<b>Phase 6</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,921,608	\$ 404,287	21.0%
<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>\$ 36,701,320</b>	<b>\$ 26,252,892</b>	<b>71.5%</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>\$ 928,441</b>	<b>78.7%</b>
<b>Grand Total of Costs Related to Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 37,881,734</b>	<b>\$ 27,181,332</b>	<b>71.8%</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>\$ 2,018,761</b>	<b>174.2%</b>
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 39,040,301</b>	<b>\$ 29,200,093</b>	<b>74.8%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 121,085,059</b>
<b>% Budgeted/Encumbered To Date Project Costs</b>	<b>31.29%</b>
<b>% Spent to Date - Project Costs</b>	<b>22.45%</b>

**Project Revenues Received**

Revenues	Budget	Actual	% of Budget
<b>Revenues</b>			
Prepaid Assessments	\$ -	\$ 11,980,202	0.0%
Assessment Revenue	\$ 13,380,000	\$ 12,954,146	96.8%
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	\$ 2,162,897	422.4%
GO Bond Proceeds	\$ 60,500,000	\$ 60,499,897	100.0%
1 Cent Sales Tax	\$ 5,000,000	\$ 1,916,667	38.3%
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	\$ 385,375	94.1%
<b>Total Project Revenues</b>	<b>\$ 91,908,191</b>	<b>\$ 94,387,460</b>	<b>102.7%</b>

**Underground Utility Project Budget**  
**Phase 1 Project Costs**  
**July 31, 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	113,399	431.6%
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>\$ 4,937,840</b>	<b>101.4%</b>
<b>Phase 1 South Construction</b>					
Preconstruction			\$ 22,200	22,200	100.0%
Whiting Turner Construction			\$ 4,450,977	4,450,977	100.0%
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)			\$ 316,498	315,453	99.7%
	<b>\$ 6,800,000</b>	<b>\$ 6,350,000</b>	<b>\$ 6,334,777</b>	<b>\$ 6,321,566</b>	<b>99.8%</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>\$ 12,829,947</b>	<b>\$ 12,843,681</b>	<b>100.1%</b>

**Underground Utility Project Budget**  
**Phase 2 Project Costs**  
**July 31, 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	3,809,827	94.9%
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	\$ 225,888	91.0%
<b>Total Phase 2 North Construction</b>	<b>3,800,000</b>	<b>5,020,000</b>	<b>\$ 4,831,238</b>	<b>\$ 4,649,049</b>	<b>96.2%</b>
<b>Phase 2 South Construction</b>	<b>-</b>				
Preconstruction			\$ 35,000	-	
Burkhardt Construction			\$ 6,494,596	767,614	11.8%
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	91.6%
Utility Costs (FPL, Comcast, AT&T)			\$ 200,000	\$ 123,948	62.0%
Street Light Conversion			\$ 20,000	\$ 19,268	96.3%
Construction Engineering (KH)	-		\$ 282,973	\$ 90,974	32.1%
<b>Total Phase 2 South Construction</b>	<b>4,435,000</b>	<b>7,424,000</b>	<b>\$ 7,055,899</b>	<b>\$ 1,025,586</b>	<b>14.5%</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	\$ 19,659	90.5%
Advertising				\$ 1,101	
Jones Foster - Legal			\$ 25,000	\$ 23,325	93.3%
Postage			\$ -	\$ 491	
Recording Costs			\$ 3,605	\$ 2,869	79.6%
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>\$ 203,867</b>	<b>91.7%</b>
<b>Total Phase 2 Costs</b>	<b>\$ 9,170,000</b>	<b>\$ 13,470,000</b>	<b>\$ 12,915,885</b>	<b>\$ 6,677,746</b>	<b>51.7%</b>

**Underground Utility Project Budget**  
**Phase 3 Project Costs**  
**July 31, 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	\$ 486,323	100.0%
Task 1.3 Permitting Assistance			\$ 13,739	\$ 8,243	60.0%
Task 1.4 Bid Phase Assistance			\$ 36,834	\$ 18,417	50.0%
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>\$ 869,797</b>	<b>97.2%</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	\$ 2,854,089	70.6%
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	100.0%
Street Light Conversion				\$ 4,249	
Utility Costs (Comcast & ATT)				\$ 155,330	
Construction Engineering (KH)			\$ 236,976	\$ 139,886	59.0%
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>\$ 3,632,521</b>	<b>76.3%</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	6,950	61.2%
ATT Design Cost			\$ 5,000	5,000	100.0%
Comcast Design Cost			\$ 3,128	3,128	100.0%
Construction Engineering (KH)					
<b>Total Phase 3 South Construction</b>	<b>\$ 6,090,000</b>	<b>\$ 8,875,000</b>	<b>\$ 19,487</b>	<b>\$ 15,078</b>	<b>77.4%</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	\$ 270,913	99.1%
Legal Advertising				\$ 1,076	
Easement Amendment			\$ 49,285	\$ 12,892	
<i>Surveys</i>					
Task Legal Sketch South			\$ 37,436		
Jones Foster - Legal			\$ 25,000	\$ 11,775	
Recording Costs				\$ 3,939	
Easement Abandonment			\$ 28,387	\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 260,000</b>	<b>\$ 330,000</b>	<b>\$ 413,498</b>	<b>\$ 300,596</b>	<b>72.7%</b>
<b>Total Phase 3 Costs</b>	<b>\$ 10,910,000</b>	<b>\$ 15,400,000</b>	<b>\$ 6,088,978</b>	<b>\$ 4,817,992</b>	<b>79.1%</b>

**Underground Utility Project Budget**  
**Phase 4 Project Costs**  
**July 31, 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	281,085	90.0%
Task 1.2 Phase 4 South Design	\$ 413,000		\$ 451,284	293,335	65.0%
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	66,741	85.7%
<b>Total Phase 4 Design</b>	<b>\$ 815,000</b>	<b>\$ 894,000</b>	<b>\$ 893,879</b>	<b>641,161</b>	<b>71.7%</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>63.7%</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>72.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance (KH)			\$ 280,270	280,184	100.0%
Easement Assistance (KH) -- Switches			\$ 67,747	36,105	53.3%
<i>Surveys</i>					
Legal Sketch			\$ 38,230	26,455	69.2%
Legal Sketch - Switches			\$ 4,967		
Jones Foster - Legal					
Recording Costs				2,853	
Easement Abandonment			\$ 24,086		
<b>Total Easement Acquisition Costs</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>	<b>\$ 415,300</b>	<b>345,598</b>	<b>83.2%</b>
<b>Total Phase 4 Costs</b>	<b>\$ 10,370,000</b>	<b>\$ 15,220,000</b>	<b>\$ 1,335,096</b>	<b>1,004,364</b>	<b>75.2%</b>

**Underground Utility Project Budget**  
**Phase 5 Project Costs**  
**July 31, 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	\$ 172,600	38.0%
Task 1.2 Phase 5 South Design	\$ 600,000		\$ 606,951	\$ 230,641	38.0%
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	\$ 20,383	26.2%
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>\$ 423,624</b>	<b>35.5%</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)					
AT&T Design			\$ 5,000	5,000	100.0%
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>\$ 21,223</b>	<b>\$ 22,573</b>	<b>106.4%</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)					
AT&T Design			\$ 5,000	5,000	100.0%
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>\$ 24,283</b>	<b>\$ 25,633</b>	<b>105.6%</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	\$ 29,299	13.4%
<i>Easement Assistance</i>			\$ 81,086	\$ 3,581	4.4%
<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>\$ 32,992</b>	<b>8.9%</b>
<b>Fema Grant</b>		\$ (8,465,355)			
<b>Total Phase 5 Costs</b>	<b>\$14,090,000</b>	<b>\$11,694,645</b>	<b>\$ 1,609,805</b>	<b>\$ 504,822</b>	<b>31.4%</b>

**Underground Utility Project Budget**  
**Phase 6 Project Costs**  
**July 31, 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	\$ 128,255	27.0%
Task 1.2 Phase 6 South Design	\$ 940,000		\$ 826,551	\$ 231,434	28.0%
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	\$ 5,675	6.7%
<b>Total Phase 6 Design</b>	<b>\$ 1,360,000</b>	<b>\$ 1,440,000</b>	<b>\$ 1,439,993</b>	<b>\$ 365,364</b>	<b>25.4%</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			\$ 15,868	15,868	100.0%
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>\$ 15,868</b>	<b>\$ 15,868</b>	<b>100.0%</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			\$ 19,394	19,394	100.0%
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>\$ 19,394</b>	<b>\$ 19,394</b>	<b>100.0%</b>
<b>Easement Acquisition/Abandonment</b>	<b>\$ 400,000</b>	<b>\$ 447,000</b>			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 351,594	\$ 3,385	1.0%
Surveys					
Legal Sketch			\$ 58,415		0.0%
Jones Foster - Legal					
Recording Costs				\$ 276	
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>\$ 3,661</b>	<b>0.8%</b>
<b>Total Phase 6 Costs</b>	<b>\$ 16,820,000</b>	<b>\$ 20,800,000</b>	<b>\$ 1,921,608</b>	<b>\$ 404,287</b>	<b>21.0%</b>

**Underground Utility Project Budget**  
**Other Project Costs**  
**July 31, 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%
Task 1.1a Data Collection for Future Communications	\$ 23,511	\$ 23,511	100.0%
Task 1.2 - Conceptual Design and Master Plan	\$ 161,756	\$ 161,756	100.0%
Task 1.3 - Project Sequencing and Phasing	\$ 31,244	\$ 31,244	100.0%
Task 1.4 - Assessment of Traffic Impacts	\$ 77,660	\$ 77,660	100.0%
Task 1.5 - Project Delivery Methods	\$ 17,448	\$ 17,448	100.0%
Task 1.6 - Master Plan Document	\$ 45,053	\$ 45,053	100.0%
Task 1.7 - Meetings Master Planning Phase	\$ 113,135	\$ 113,123	100.0%
Task 1.8 - Master Plan Second Half	\$ 40,067	\$ 40,067	100.0%
<b>Subtotal Master Planning</b>	<b>\$ 597,895</b>	<b>\$ 597,883</b>	<b>100.0%</b>
Comcast Preplanning - Master Plan		\$ 12,015	
Easement Abandonment	\$ 200,000	\$ 7,645	3.8%
Community Outreach	\$ 282,519	\$ 210,898	74.6%
Peer Review Study - Patterson & Dewar (\$50,000 Offsetting Revenue)	\$ 100,000	\$ 100,000	100.0%
<b>Total Other Project Costs</b>	<b>\$ 1,180,414</b>	<b>\$ 928,441</b>	<b>78.7%</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	\$ 5,852,631	96.0%
<b>Total Debt Service and Related Debt Issuance Costs</b>	<b>\$ 6,098,350</b>	<b>\$ 6,830,814</b>	<b>112.0%</b>

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

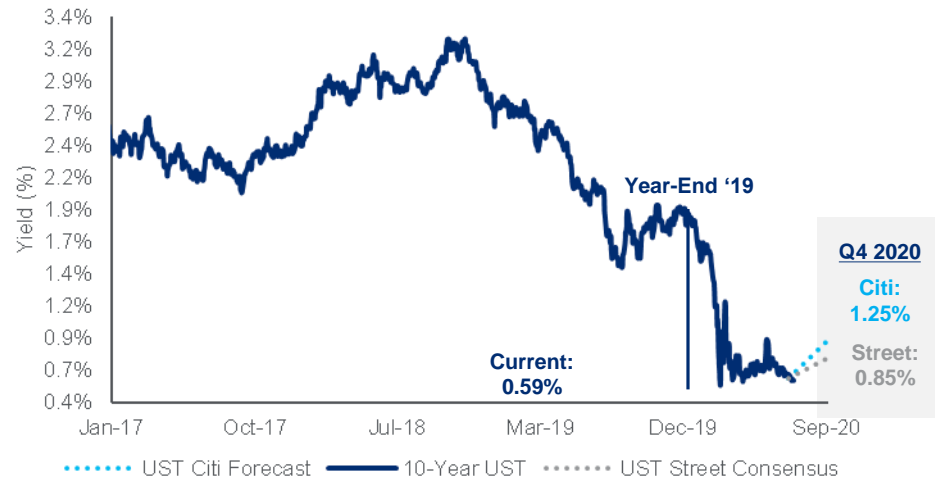
	<b>Budget</b>	<b>Actual</b>	<b>% Expended</b>
<b>Costs paid from (307) Fund CIP</b>			
Underground City of Lake Worth Section			
Project Design	\$ 25,231	\$ 24,430	96.8%
Project Construction	\$ 351,081	\$ 346,124	98.6%
Project Construction Engineering	\$ 11,607	\$ 12,849	110.7%
Utility Cost (FPL, Comcast, AT&T)	\$ 134,333	\$ 127,531	94.9%
Project Meeting Attendance	\$ 3,334	\$ 2,914	87.4%
Total Lake Worth Section	\$ 525,586	\$ 513,847	97.8%
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		\$ 525,260	
PBT Real Estate v TPB		\$ 159,408	
Gardner, Bist Bowden, Bush (Shef Wright)		\$ 24,799	
Temp Services - Easement acquisition	\$ 40,000	\$ 58,137	145.3%
Project Manager -Pay and benefits	\$ 454,398	\$ 432,081	95.1%
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>\$ 2,018,761</b>	<b>174.2%</b>



# U.S. Rate Forecasts

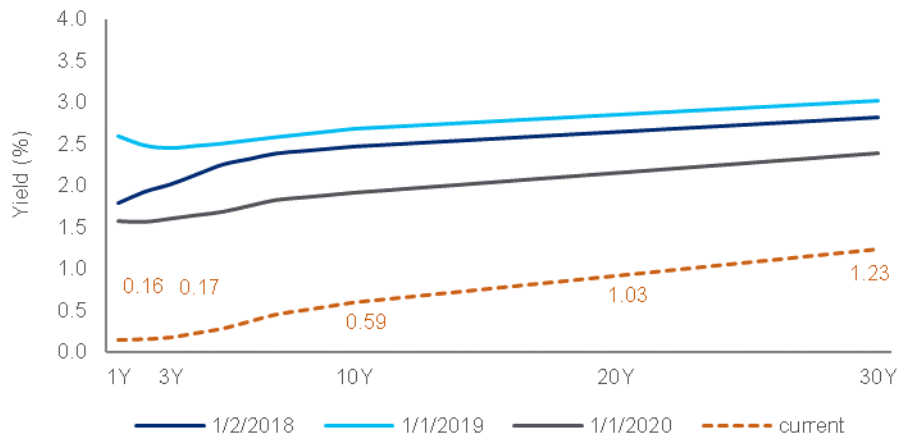
## 10-Year Treasury Yield Forecast

Citi is forecasting higher rates at year-end, similar to the Street consensus



## US Treasury Yield Curve

The yield curve has fallen significantly as the coronavirus outbreak has prompted the Federal Reserve to cut interest rates as investors put on a flight-to-quality trade



## Rate Forecasts

5-Year Treasury	Current	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Citi's Forecast	0.29%	0.37%	0.50%	0.50%	0.50%	0.50%	0.50%
Economists' Consensus		0.36%	0.45%	0.51%	0.60%	0.64%	0.72%

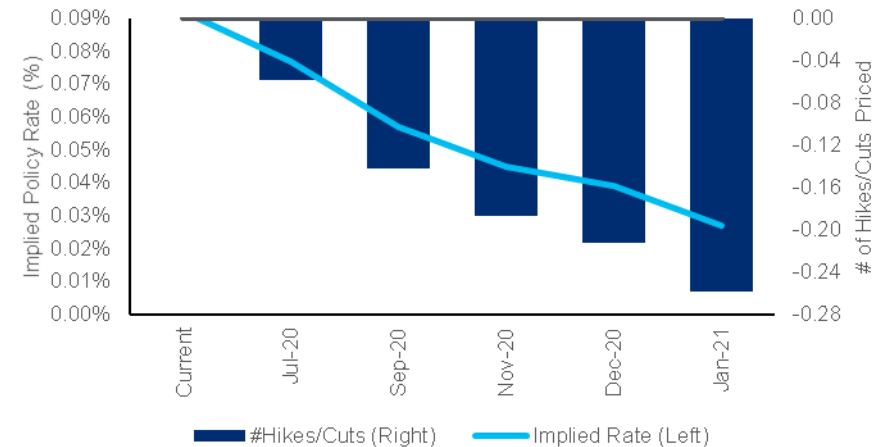
10-Year Treasury	Current	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Citi's Forecast	0.59%	0.89%	1.25%	1.25%	1.25%	1.25%	1.25%
Economists' Consensus		0.75%	0.85%	0.95%	1.00%	1.09%	1.20%

30-Year Treasury	Current	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Citi's Forecast	1.23%	1.50%	1.75%	1.75%	1.75%	1.75%	1.75%
Economists' Consensus		1.50%	1.56%	1.65%	1.70%	1.73%	1.83%

Fed Funds	Current	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
Citi's Forecast	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.50%
Economists' Consensus		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%

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

The market is pricing in lower interest rates throughout the next year



Source: Current rates and expectation of Fed hike as of July 24, 2020; expectations use the median of economists forecasts; Citi forecasts as of July 22, 2020, Bloomberg forecasts as of June 24, 2020.