

# TOWN OF PALM BEACH

Information for Town Council Meeting on: June 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: May 28, 2020

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## I. Communications

### A. Community Meetings:

Cancelled until further notice.

### B. Significant Postal Mail or eMail

None this month.

## 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 86% complete.
- Comcast cutovers and decom are complete.
- FPL overhead to underground conversions are over 50% complete.
- ATT cutovers and decom is in progress.

**Phase 2 South Construction:**

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

- Phase 2 South, construction is 9% 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 54% complete.
- The drilling crews are working in the final areas of Phase 3 south, south of Mockingbird Trail and the adjacent north-south streets.

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

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

- Design is 84% complete with 81 of 94 easements are approved.
- Bid package availability is approaching completion targeted for TC presentation in August.
- 4 critical path easements remain outstanding along Golfview Alley and 5 along S. County Road - all are described on the following pages of your backup materials.

**Phase 4 North:**

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

- Design is 85% complete with 56 of 66 easements approved.
- Bid package availability is approaching completion targeted for TC presentation in August.
- Out of the 11 Chicanes originally identified, 9 are progressing through active negotiation, verbal commitment or recorded easement. There are 2 Chicanes remaining without a path to resolution, all are described on the following pages of your backup materials.
- Two Vista switches are planned for placement within the beach access to the east of El Pueblo Way and Via Marila. The Town Public Works Department reviewed and will ensure none will impede access to a core beach nourishment project.

**Phase 4 South:**

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

- Design is 62% complete.
- 42 of 63 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.
- Easement acquisition in progress. 5 of 108 easements are 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.
- Easement acquisition in progress. 0 of 126 easements are approved.
- To minimize use of the S. Lake Park area for undergrounding equipment, we are requesting the Condominiums on the east side of S. Lake Drive grant easements for 5 important switch cabinet placements.

**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. Financial 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  
May 31, 2020**

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 1</b>	\$ 12,620,000	\$ 12,910,000	\$ 12,829,947	\$ 12,659,857	98.7%
<b>Phase 2</b>	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 5,840,353	45.2%
<b>Phase 3</b>	\$ 10,910,000	\$ 15,400,000	\$ 6,080,850	\$ 3,848,657	63.3%
<b>Phase 4</b>	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 863,284	64.7%
<b>Phase 5 (Includes \$8.5 Million FEMA Grant Offset)</b>	\$ 14,090,000	\$ 11,694,645	\$ 1,599,805	\$ 447,007	27.9%
<b>Phase 6</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,886,346	\$ 291,783	15.5%
<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>\$ 36,647,930</b>	<b>\$ 23,950,941</b>	<b>65.4%</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>\$ 37,828,344</b>	<b>\$ 24,879,381</b>	<b>65.8%</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	\$ 1,980,838	171.0%
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 38,986,911</b>	<b>\$ 26,860,219</b>	<b>68.9%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 121,085,059</b>
% Budgeted/Encumbered To Date Project Costs	31.24%
% Spent to Date - Project Costs	20.55%

## PHASE 3 SOUTH - CRITICAL EASEMENT STATUS

Area	Owner	Address	Contact Title	Note	Status
Golfview Alley	Colony Hotel	135/152/155 Hammon Ave	Hotel Mgr	Discussions progressing.	5/28: 1 of 3 Recorded.
Golfview Alley	Carl & Mary Panatonni	8 Golfview	Owner	Sent. Town Manager Letter. No progress.	5/28: No progress.
Golfview Alley	Fred Masters	212 Worth Ave	Owner	Sent. Town Manager Letter. No progress.	5/28: No progress.
Golfview Alley	Ilan Yerushalmi, Napoleon Palm Beach	218 Worth Ave	Owner	Sent. Town Manager Letter. No progress.	5/28: No progress.
Golfview Alley	Worth Pondfield, Mark Waxman	222 Worth Ave	Property Manager	Sent. Town Manager Letter. No progress.	5/28: No progress.
Golfview Alley	Ms. Handlesman	224 Worth Ave	Owner	Discussions progressing.	
Golfview Alley	Ms. Handlesman	306 Worth Ave	Owner	Discussions progressing.	
S. County Rd	Francoise & Jacques Cohen	137 El Vedado Road	Owner	Verbal Agreement	5/28: Verbal Agreement
S. County Rd	Joseph Allen, Richman Schmidt	200 El Vedado Road	Owner & Prop Mgr	Recorded Easement.	5/28: Recorded
S. County Rd	Bill Collatos, Posey & Roy	750 South County Road	Owner & Architect	Declined, owner reconsidering. Committed to easement in ARCOM.	3/26: Denied. Previously approved by owner in PZB.
S. County Rd	Terry R. Taylor	780 South County Road	Property Mgr	Verbal approval from property manager. Town will provide easment document.	4/29: Recorded.
S. County Rd	Alicia & Timothy Mullen	760 South County Road	Owner	ROW	3/5: ROW solution.
S. County Rd	Ann Desruisseaux trustee, Attebury attorney.	800 South County Road	Trustee	5/28: A June meeting is pending	
S. County Rd	MICHAEL KETTENBACH	800 S County Road	Owner	5/28: Requested a meeting.	5/28: No progress.
S. County Rd	Mark Davis	141 Gulfstream Road	Owner	Sent. Town Manager Letter. No Progress. Seeking alternative.	5/28: No recent progress.
S. County Rd	Robert F. Agostinelli, Leo Sotomejor	196 Banyan Rd	Property Manager	Sent. Town Manager Letter. No progress. (Tom Parker)	5/28: No progress.
Street	Jan Holdings, LLC (Ms. Navab Owner)	4 El Bravo Way	Owner	Verbal approval from property manager.	3/26: Presented easment doc
Street	Elena I. Arredondo	133 Gulfstream Road	Owner	Recorded Easement.	
Street	Margaretta Taylor	120 El Brillo Way	Owner	Meeting pending with property manager.	5/28: Meeting to be scheduled
Street	Paul Okean	203 Via Vizcaya	Owner	Recorded Easement.	3/5: Recorded
Street	Richard Kurtz	235 Banyan Rd	Owner	Easement pending owner signature.	3/26: Presented easmeent.
Street	Dana Landry & William Moody	240 Jungle	Owner	Shared easment, 1/2	4/30: Ready to record
Street	Prescott & Susan Low	242 Jungle	Owner & Attorney	Shared easment, 1/2	3/26: Ready to record
Street	Abbey, LLC (Pablo Cordero PM)	241 Banyan Rd	Owner, Prop Mgr	Easement pending owner signature.	4/30: Recorded
Street	Robert & Paula Butler, Larry Alexander	640 S. Ocean Blvd	Owner, Attorney	Pending owner decision.	5/28: No recent progress.

No Progress	7 No Progress
Pending Decision	4 Negotiating
Approved	6 Verbal Approval
Recorded	8 Recorded or ROW

Phase 3 South Easement Acquisition Status

## Phase 4 North - Critical Easement Status & Chicanes

Chicane	Equipment No.	Street	Street	Owner	Note	Status
1	44	217	LIST ROAD	Jason & Nicole Guari	Willing to accept 1/2 an easment.	4/27: Pending Signiture
1	44	209	List Road	Barbara Smith, Beth Hayne PM	5/28: Recorded	
2	34	266	Orange Grove Road	Michael Steranka	Willing to accept 1/2 an easment.	4/13: Pending signiture
2	34	274	Orange Grove Road	Alexander H Griswold	5/28: Recorded	
2	35	251	Orange Grove Road	Ernest Gordon, LLC	Considering 1/2 easment.	4/27: Reconsidering.
2	35	256	Orange Grove Road	Tomlinson	Communication only	4/27: Recorded
2	35	265	Orange Grove Road	Dave Moran	Considering 1/2 easement.	4/27: Reconsidering.
3	36	249	Orange Grove Road	Kathleen M. Cerasaro	5/28 Recorded	
4	26	220	Monterey Road	BROBERG BEVERLY D, BROBERG PETER S &	Recorded	
4	26	222	Monterey Road	Richard M. Hurtado	Recorded	
4	25	216	Monterey Rd	Budge and Candy (Henry and Leslie) Jamison	5/28: Declined 1/2 easment.	
4	25	1080	N. Ocean Blvd	Donald & Sher Kasun	Agreed to 1/2 easment.	
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	5/28: Recorded	
7	22	242	COLONIAL LANE	Joseph Lieb	5/28: Verbal Approval	
8	23	230	COLONIAL LANE	Salvatore J. Impastato	5/28: Reconsidering	
9	16	206	QUEENS LANE	Frazier Wellmeier Trust	5/28 Recorded	
10	2	255	EL PUEBLO WAY	Donna & Allen Morris	5/28: Negotiating	5/28: pending Signiture
10	2	260	El Pueblo Way	Gary B. & Kelly Jean Pohrer	5/28 Negotiating	5/28 Pending Signiture
11	39	211	Orange Grove Road	Kathleen Mara	5/28: Recorded	

No Progress	2 No progress
Pending Decision	3 in negotiation
Approved	8 Approved or Recorded
Recorded	

### Other Critical Path Easements

Visa Switch

No Solution for one (1) Vista Switch in the vicinity of 1072 N Lake Way / 1090 N Lake Way



# **Underground Utility Project Monthly Progress Report June 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 - June 2020

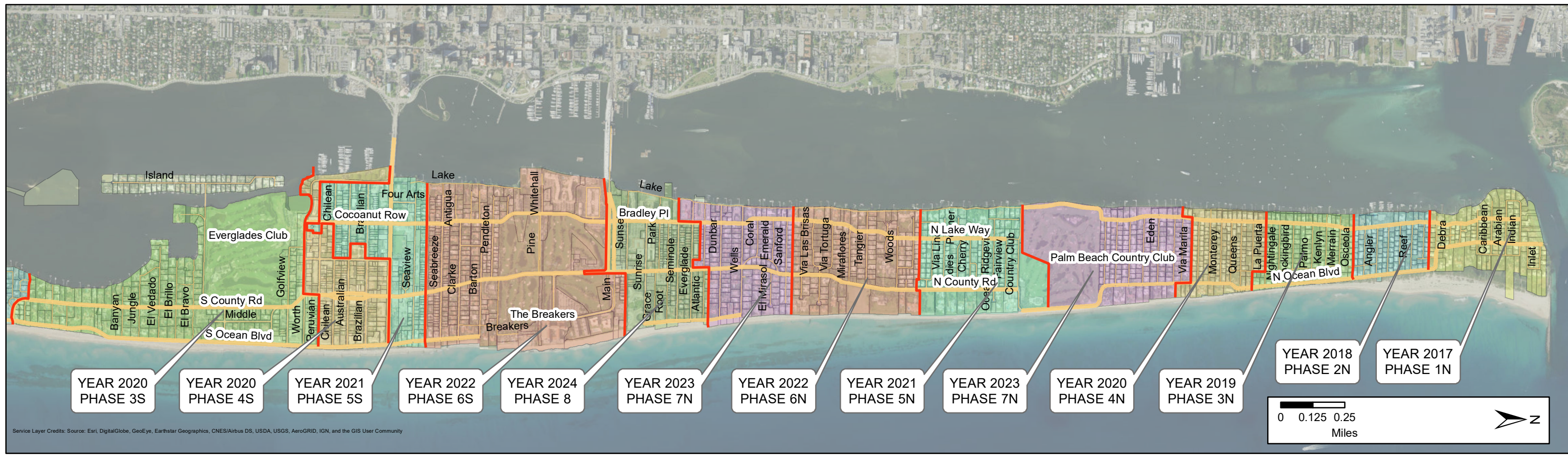
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



**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**  
**May 2020 Progress Report**  
**Period: April 19, 2020 to May 20, 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 84% complete \*
  - Budget: Project is on budget as of May 15, 2020
    - Phase 3 North Design is at 98% of total task budget
    - Phase 3 South Design at 91% of total task budget
  - Easement Status
    - Phase 3 North: 100% (36/36) easements approved
    - Phase 3 South: 86% (81/94) 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.
- Progress Meeting Attendance
- Preparation and submittal of BCE Request
- Coordination with FPL, AT&T and Comcast on progress markup of design plans based on easement progress.
- 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.
- Development of Specifications
- Preparation of FDOT Maintenance Plans
- Commercial Services Coordination with Subconsultant and FPL

**II. Upcoming Activities (May 21, 2020 – June 20, 2020)**

**A. Detailed Design Phase**

- Continued Subconsultant/utility owner coordination
- Submittal 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 finalize the Phase 3 South design
- Bid phase support
- Progress Meeting Attendance



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

**KHA Project #044063219**

**May 2020 Progress Report**

**Period: April 19, 2020 to May 20, 2020**

### **I. Scope Update**

#### **A. General**

- Schedule: Project schedule progress is shown below.
  - Phase 4 North Design is 78% complete\*
  - Phase 4 South Design is 62% complete\*
- Budget: Project is on budget as of May 18, 2020
  - Phase 4 North Design is at 84% of total task budget
  - Phase 4 South Design at 70% of total task budget
- Easement Status
  - Phase 4 North: 85% (56/66) easements approved
  - Phase 4 South: 67% (42/63) 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 and delivery of easement exhibits to the Town for Phases 4 North and South.
- Progress Meeting Attendance
- Virtual meetings and site visits with property owners to discuss easement requests
- Streetlight Coordination with FPL

### **II. Upcoming Activities (May 21, 2020 – June 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.
- Virtual 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**  
**May 2020 Progress Report**  
**Period: April 26, 2020 to May 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 May 15, 2020
  - Phase 5 North Design is at 29% of total task budget
  - Phase 5 South Design is at 30% of total task budget
- **Easement Status**
  - Phase 5 North: 5% (5/108) easements approved
  - Phase 5 South: 0% (0/126) easements approved

**B. Detailed Design Phase**

- Performed soft digs in Phase 5 South
- Coordinated with utility companies, sub-consultants, and Town
- Attended property owner meetings
- Attended meeting for 264 S County Rd
- Led coordination meetings with sub-consultants

**II. Upcoming Activities (May 26, 2020 – June 25, 2020)**

**A. Detailed Design Phase**

- Perform soft digs in Phase 5 South
- Coordinate with utility companies, sub-consultants, and Town
- Attend property owner meetings
- Lead coordination meetings with sub-consultants



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

**KHA Project #044063247**

**May 2020 Progress Report**

**Period: April 26, 2020 to May 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 May 15, 2020
  - Phase 6 North Design is at 17% of total task budget
  - Phase 6 South Design is at 20% of total task budget
- **Easement Status**
  - Phase 6: N/A, will provide status when this work begins

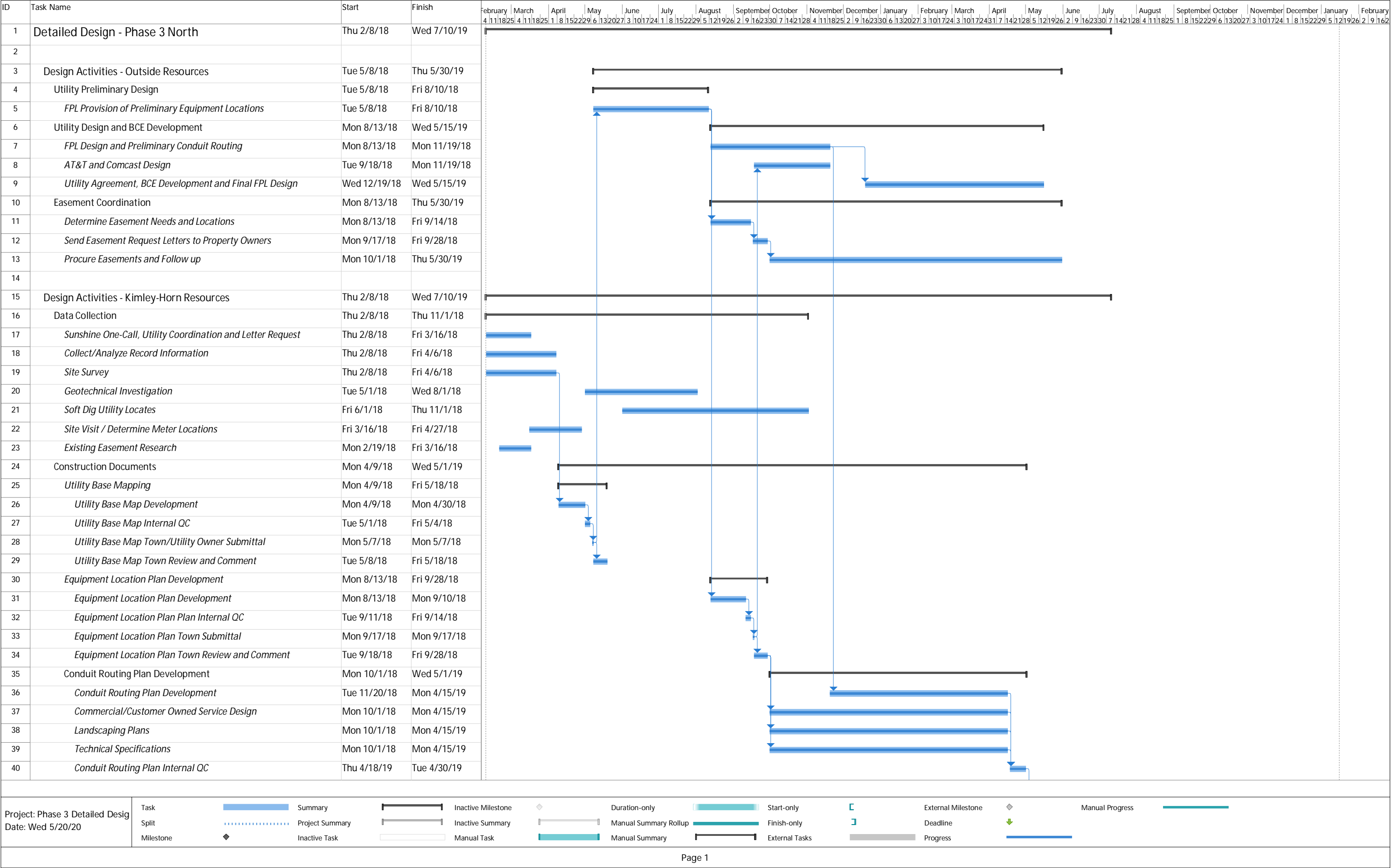
#### **B. Detailed Design Phase**

- Developed utility base maps
- Submitted utility base maps to FPL
- Performed geotechnical investigation
- Coordinated with utility companies, sub-consultants, and Town
- Attended property owner meetings
- Led coordination meetings with sub-consultants

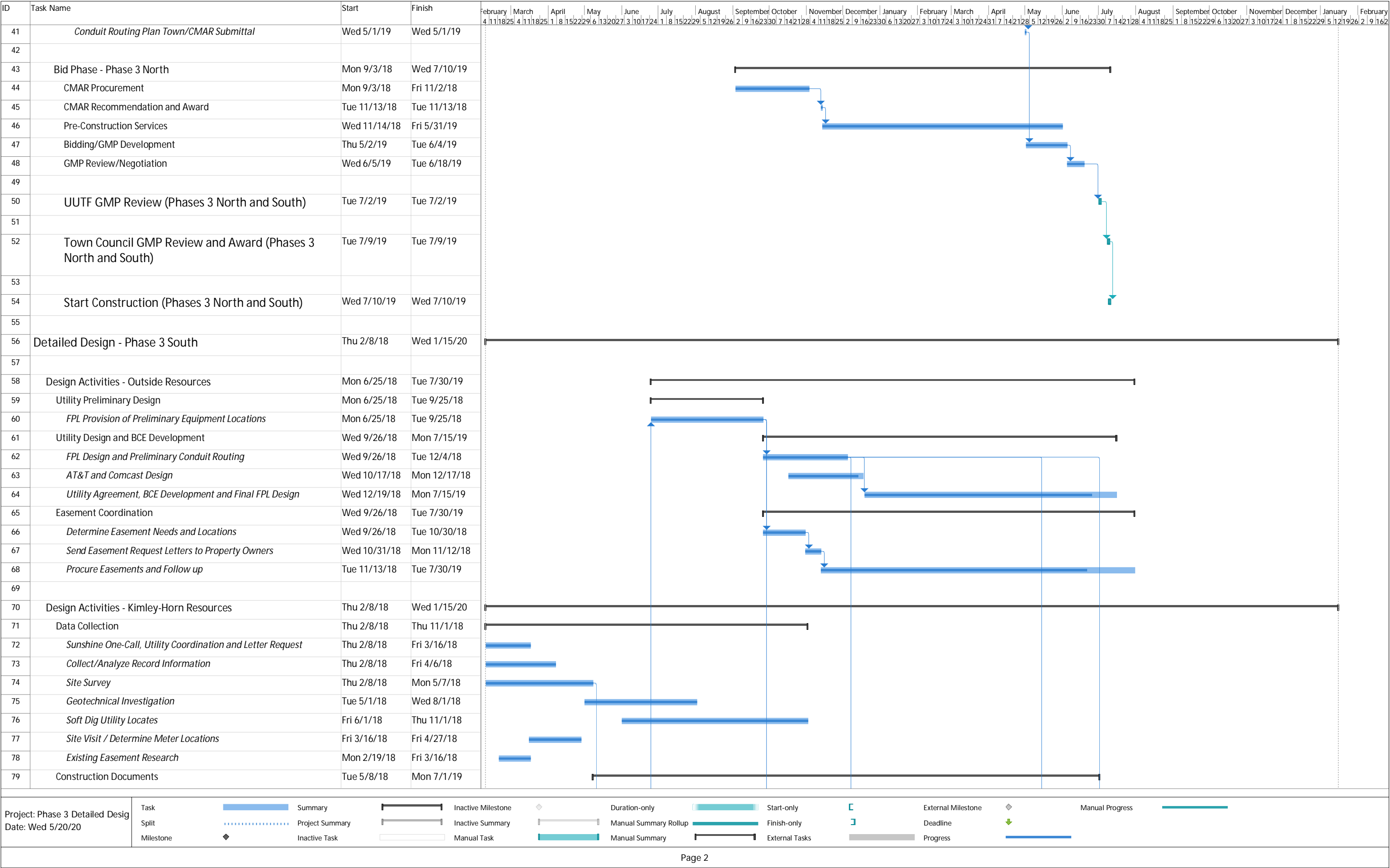
### **II. Upcoming Activities (May 26, 2020 – June 25, 2020)**

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

- Await preliminary equipment locations from FPL
- Perform geotechnical investigation
- Coordinate with utility companies, sub-consultants, and Town
- Attend property owner meetings
- Lead coordination meetings with sub-consultants

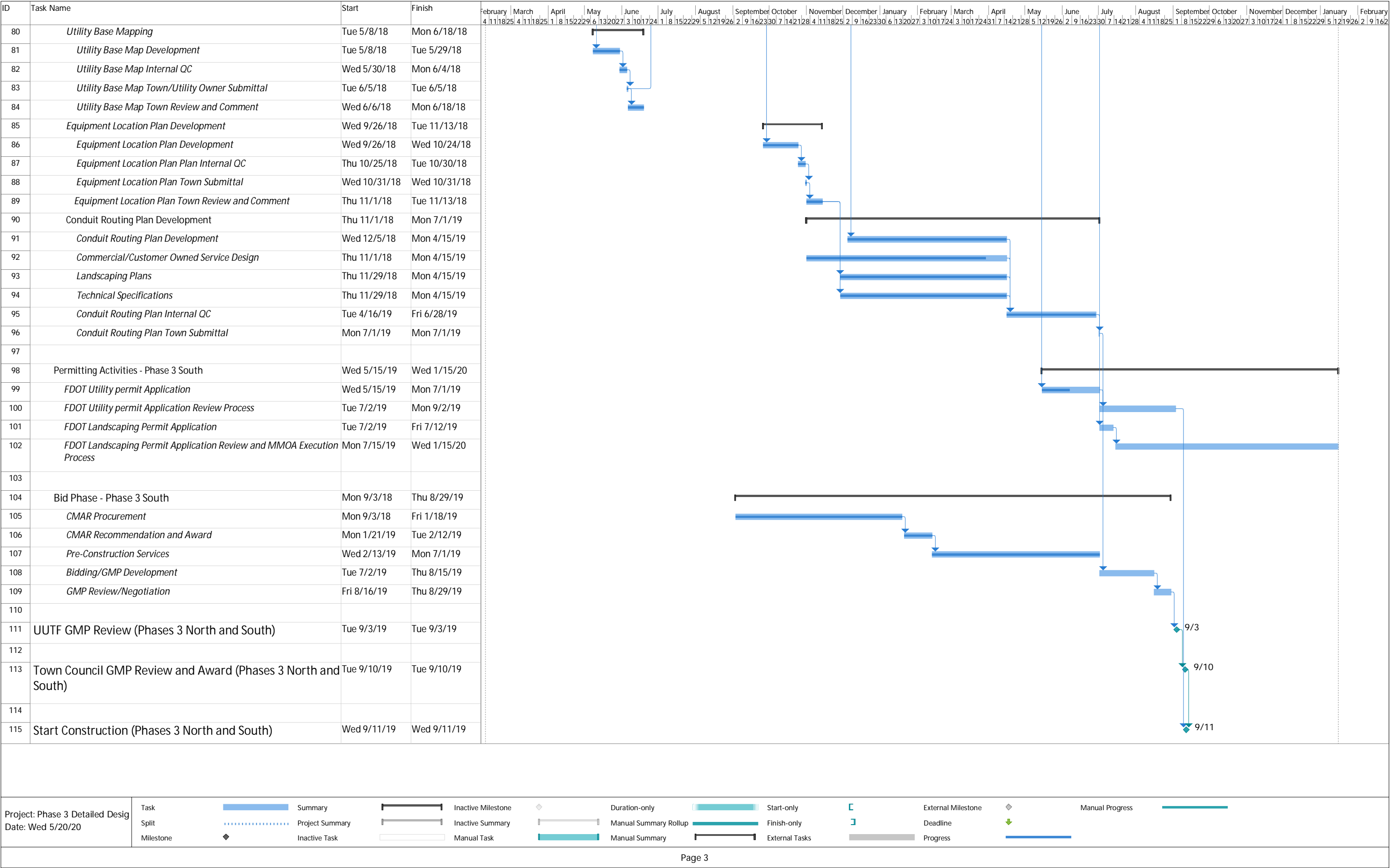


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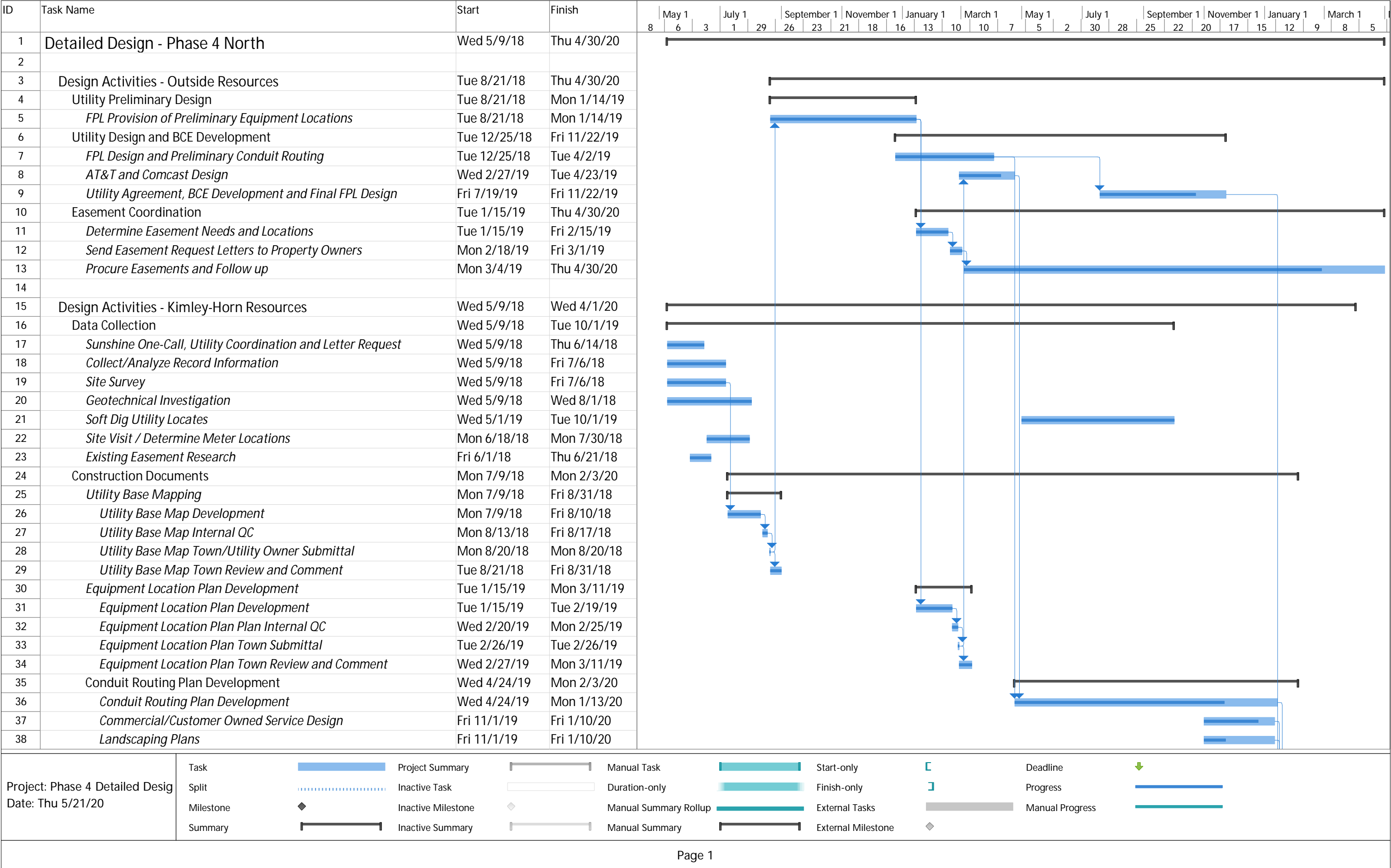


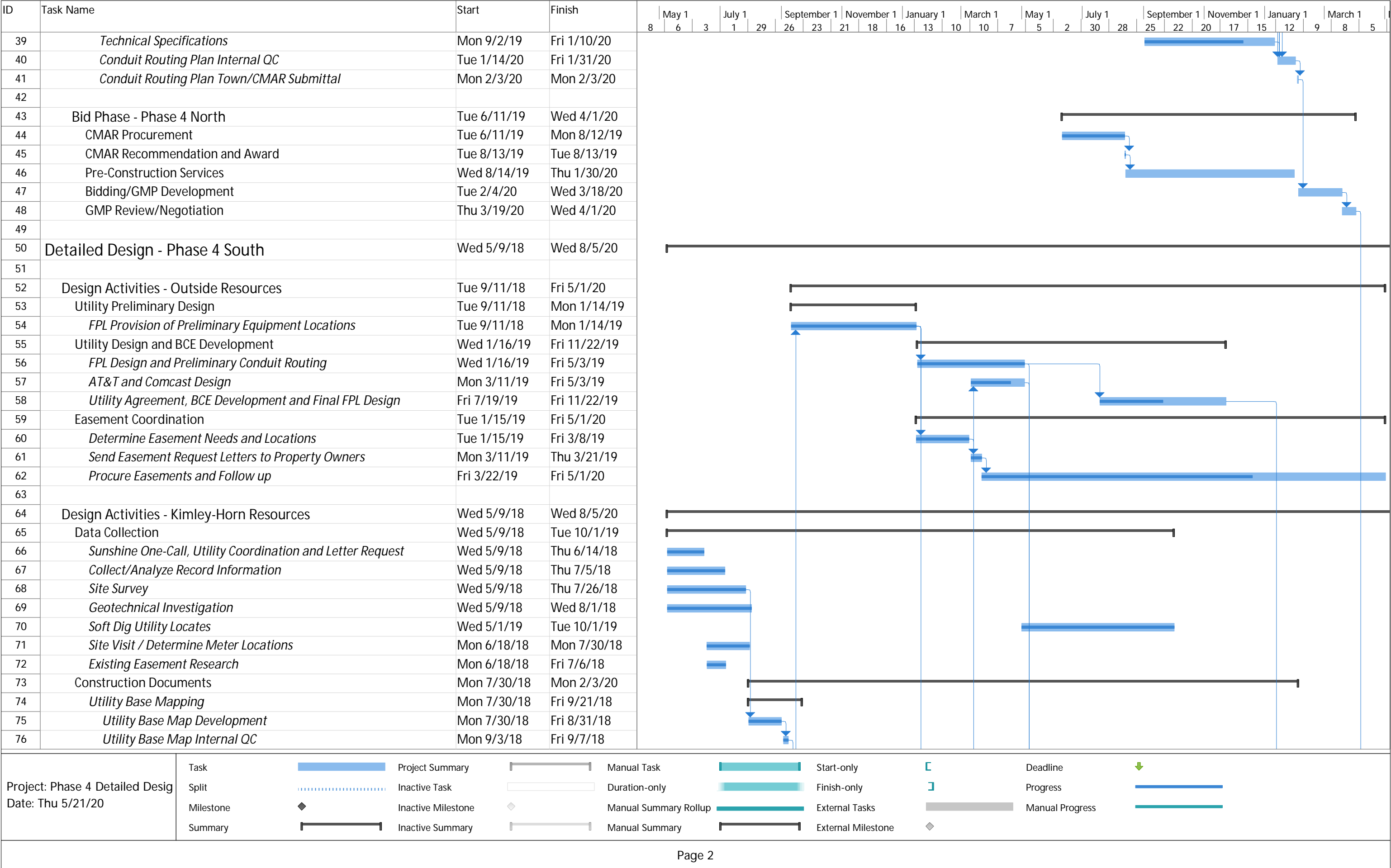
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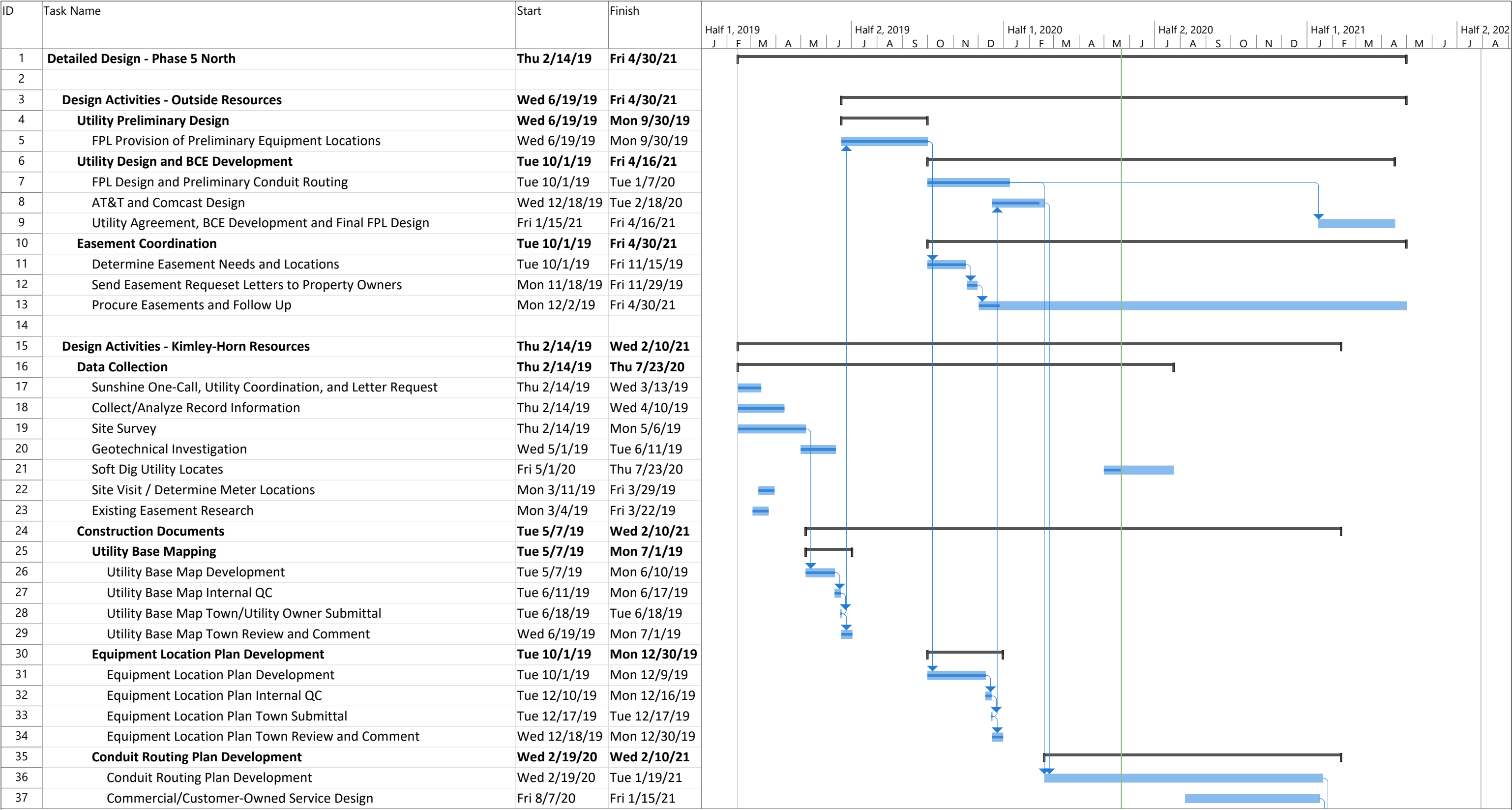


Page 3









Project: 2019\_0226\_Schedule  
Date: Fri 5/22/20

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

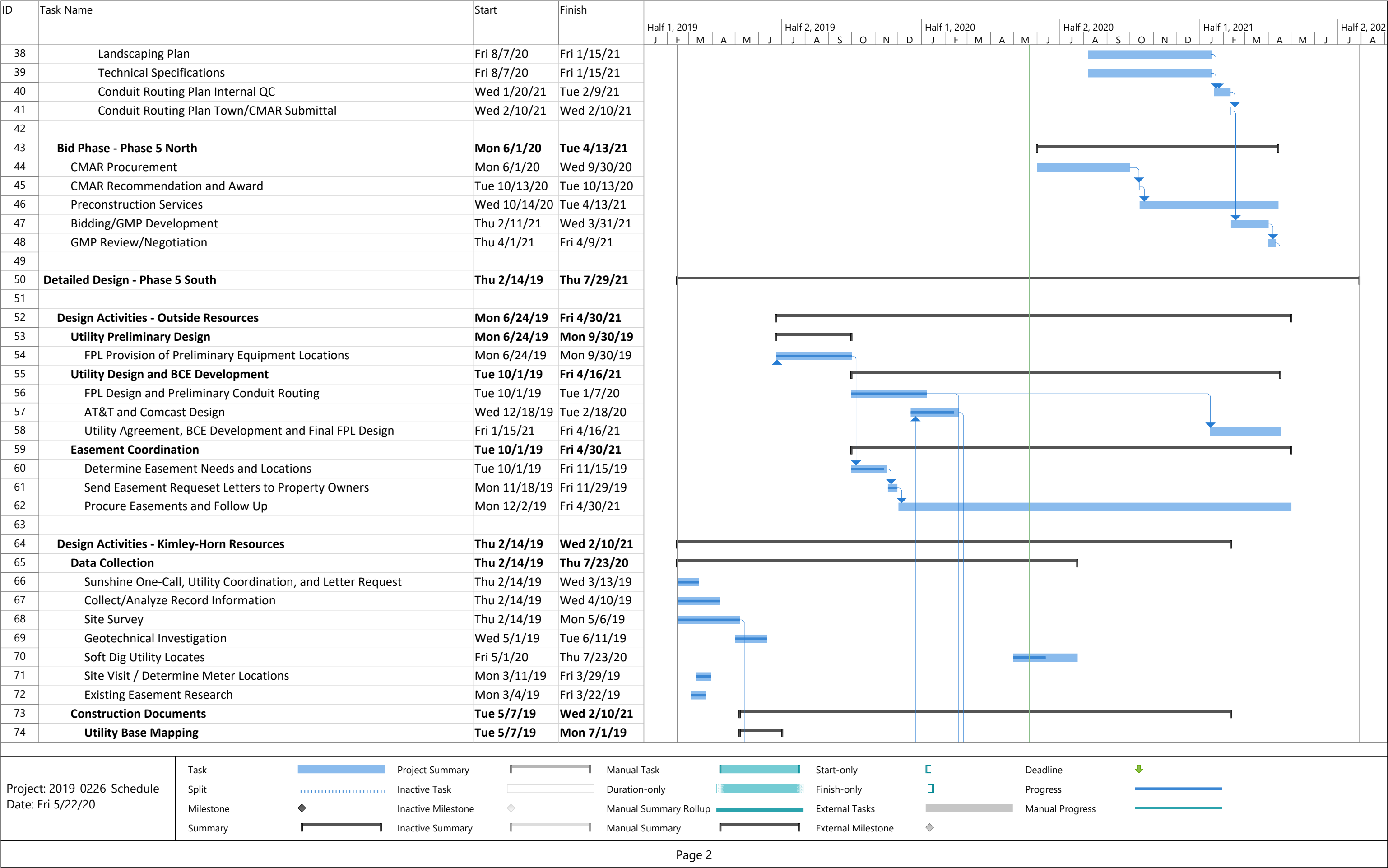
External Tasks

External Milestone

Deadline

Progress

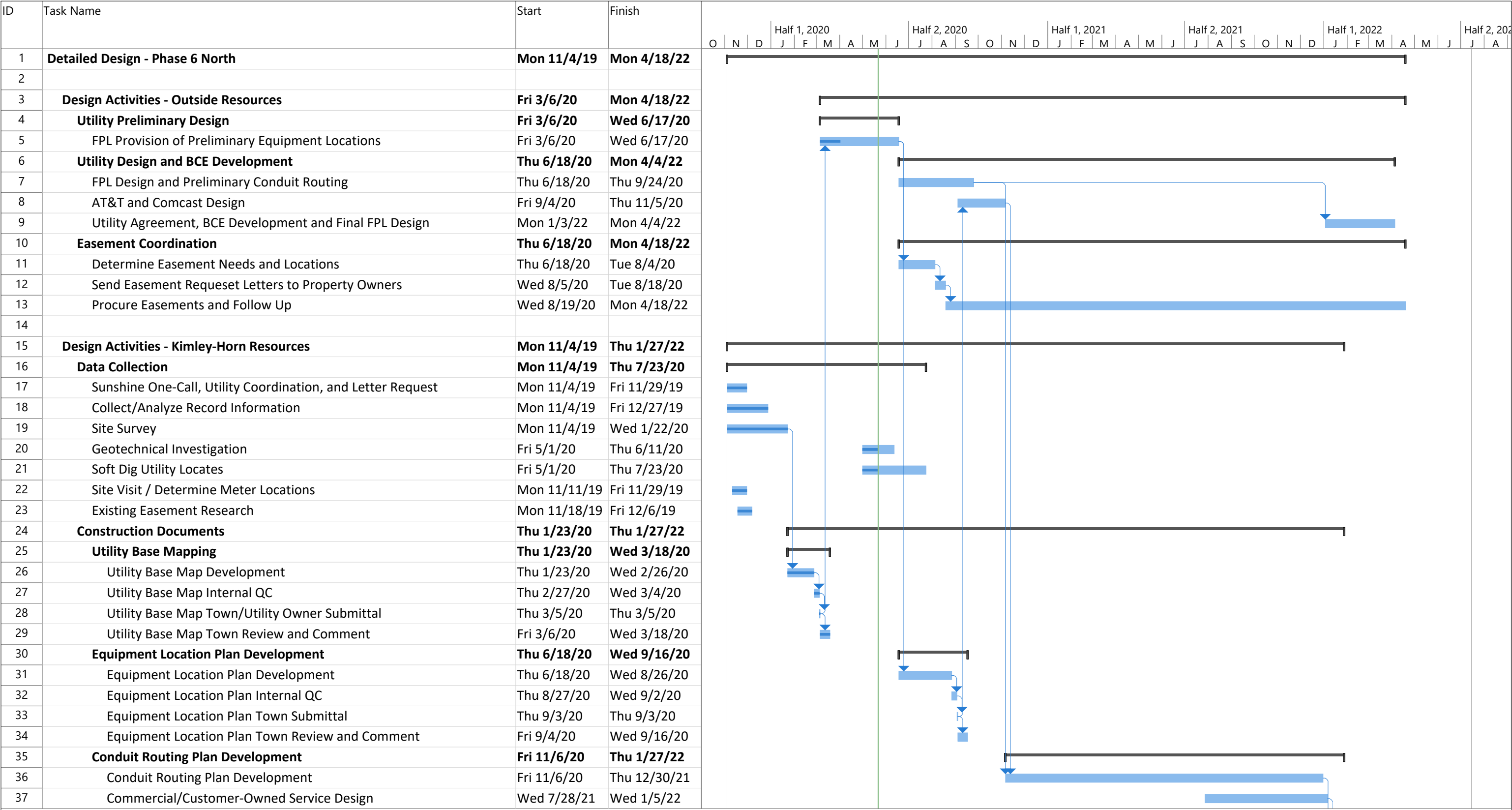
Manual Progress



Page 2







Project: 2019\_0226\_Schedule  
Date: Fri 5/22/20

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

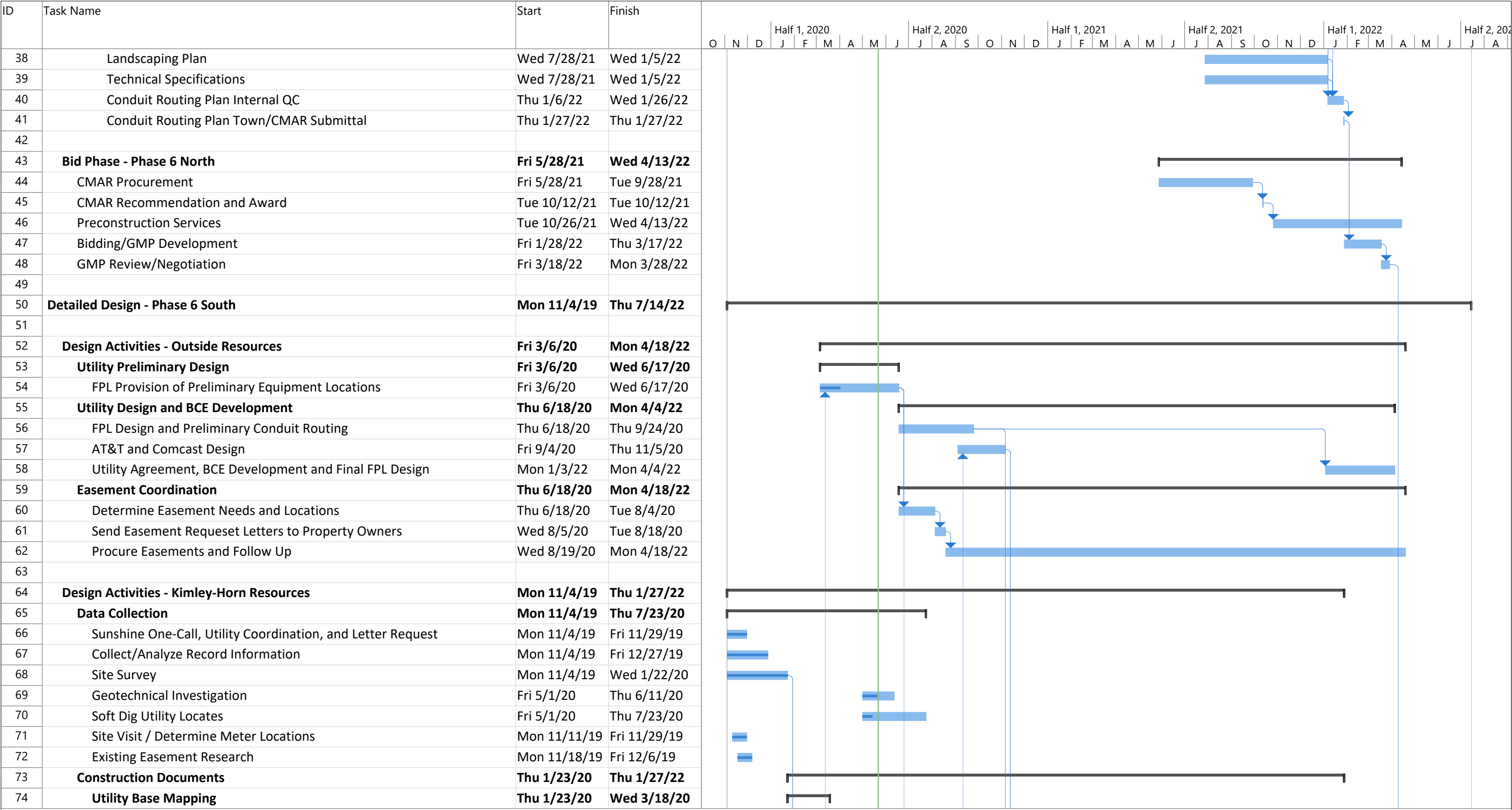
External Milestone

Deadline

Progress

Manual Progress





Project: 2019\_0226\_Schedule  
Date: Fri 5/22/20

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																																	
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: Fri 5/22/20		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

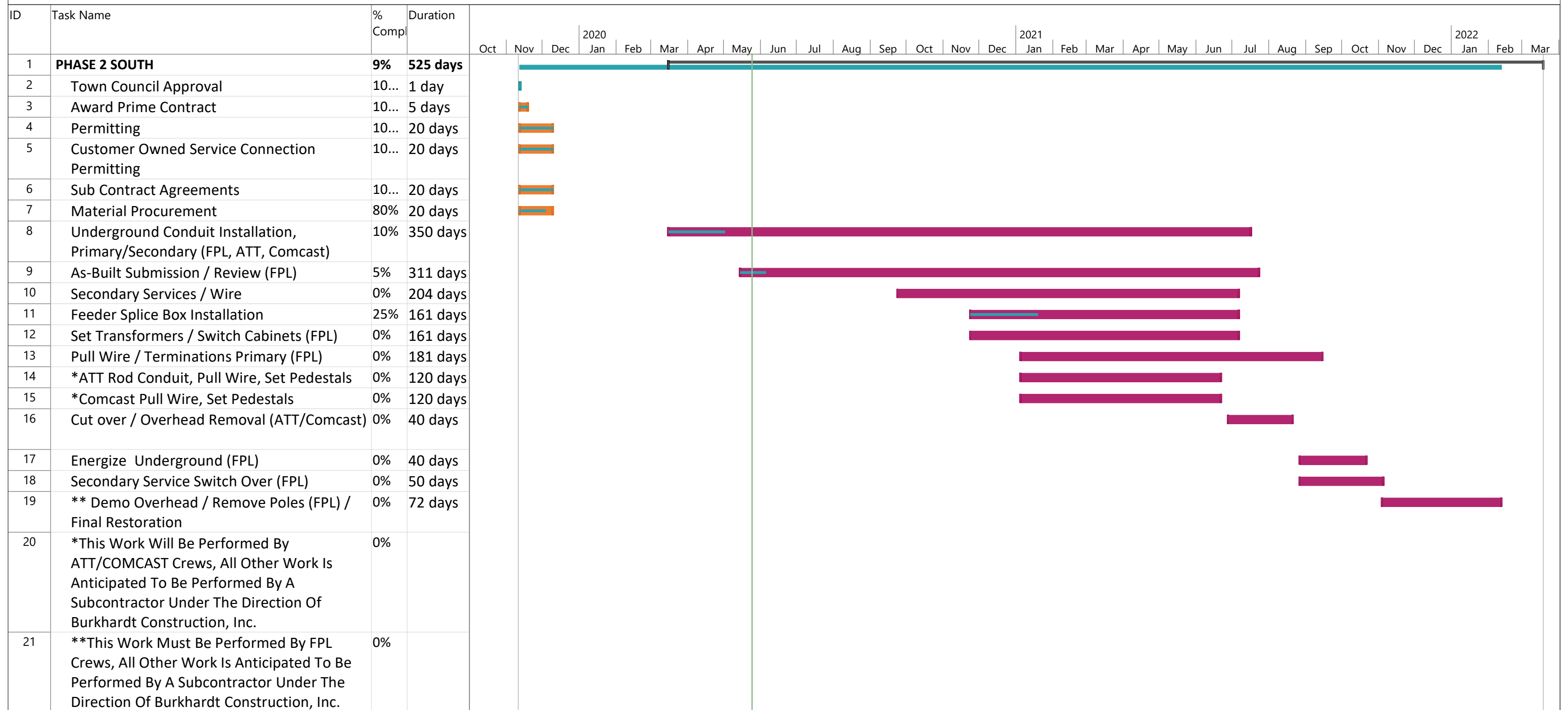


# Executive Summary

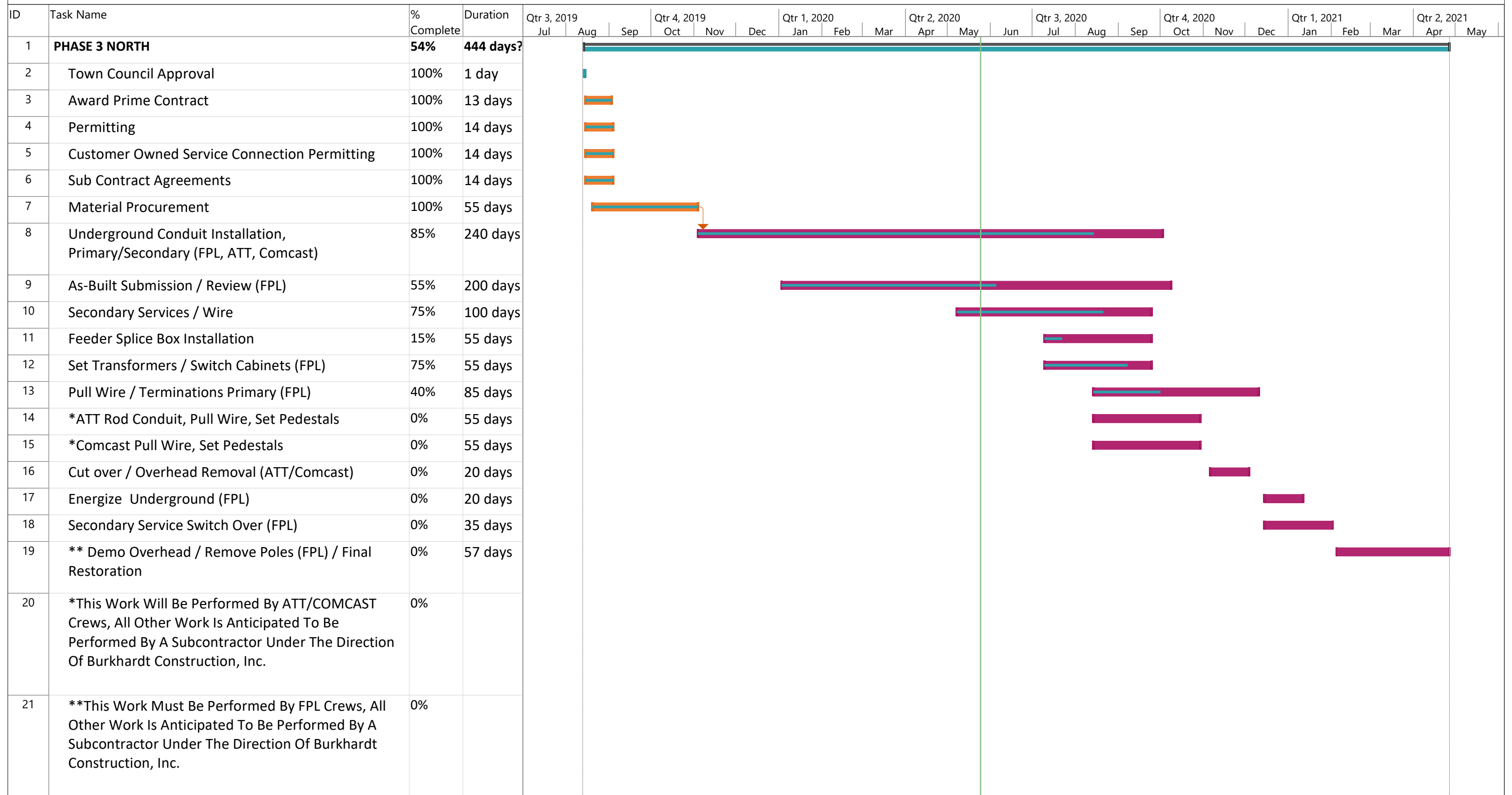
TOWN-WIDE OVERHEAD UTILITY UNDERGROUNDING  
PHASE 2 NORTH  
PRELIMINARY SCHEDULE  
RFQ No. 2018-03

ID	Task Name	% Comple	Duration																								
				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	86%	399 days?																								
2	Town Council Approval	100%	1 day																								
3	Award Prime Contract	100%	13 days																								
4	Permitting	100%	14 days																								
5	Customer Owned Service Connection Permitting	100%	14 days																								
6	Sub Contract Agreements	100%	14 days																								
7	Material Procurement	100%	11 days																								
8	Underground Conduit Installation, Primary/Secondary (FPL, ATT, Comcast)	100%	240 days																								
9	Feeder Splice Box Installation	100%	140 days																								
10	Set Transformers / Switch Cabinets (FPL)	100%	155 days																								
11	Secondary Services / Wire	100%	235 days																								
12	As-Built Submission / Review (FPL)	100%	220 days																								
13	Pull Wire / Terminations Primary (FPL)	100%	145 days																								
14	*ATT Rod Conduit, Pull Wire, Set Pedestals	95%	180 days																								
15	*Comcast Pull Wire, Set Pedestals	100%	180 days																								
16	Cut over / Overhead Removal (ATT/Comcast)	60%	150 days																								
17	Energize Underground (FPL)	100%	140 days																								
18	Secondary Service Switch Over (FPL)	65%	180 days																								
19	** Demo Overhead / Remove Poles (FPL) / Final Restoration	0%	180 days																								
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																								

TOWN-WIDE OVERHEAD UTILITY UNDERGROUNDING  
PHASE 2 SOUTH  
PRELIMINARY SCHEDULE  
RFQ No. 2019-03



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



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

Expenditures	Original OPC	Dec 2019 OPC	Budget	Actual	% Expended
<b>Phase 1</b>	\$ 12,620,000	\$ 12,910,000	\$ 12,829,947	\$ 12,659,857	98.7%
<b>Phase 2</b>	\$ 9,170,000	\$ 13,470,000	\$ 12,915,885	\$ 5,840,353	45.2%
<b>Phase 3</b>	\$ 10,910,000	\$ 15,400,000	\$ 6,080,850	\$ 3,848,657	63.3%
<b>Phase 4</b>	\$ 10,370,000	\$ 15,220,000	\$ 1,335,096	\$ 863,284	64.7%
<b>Phase 5 (Includes \$8.5 Million FEMA Grant Offset)</b>	\$ 14,090,000	\$ 11,694,645	\$ 1,599,805	\$ 447,007	27.9%
<b>Phase 6</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,886,346	\$ 291,783	15.5%
<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>\$ 36,647,930</b>	<b>\$23,950,941</b>	<b>65.4%</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>\$ 37,828,344</b>	<b>\$24,879,381</b>	<b>65.8%</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>\$ 1,980,838</b>	<b>171.0%</b>
<b>Grand Total of All Costs Related to the Project</b>	<b>\$ 98,580,000</b>	<b>\$ 121,085,059</b>	<b>\$ 38,986,911</b>	<b>\$26,860,219</b>	<b>68.9%</b>

<b>Total Project Budget - Opinion of cost for construction</b>	<b>\$ 121,085,059</b>
% Budgeted/Encumbered To Date Project Costs	31.24%
% Spent to Date - Project Costs	20.55%

**Project Revenues Received**

Revenues	Budget	Actual	% of Budget
<b>Revenues</b>			
Prepaid Assessments	\$ -	\$ 11,966,042	0.0%
Assessment Revenue	\$ 13,380,000	\$ 12,733,113	95.2%
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	\$ 2,062,629	402.9%
GO Bond Proceeds	\$ 60,500,000	\$ 60,499,897	100.0%
1 Cent Sales Tax	\$ 5,000,000	\$ 1,791,667	35.8%
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	\$ 349,262	85.3%
<b>Total Project Revenues</b>	<b>\$ 91,908,191</b>	<b>\$ 93,890,887</b>	<b>102.2%</b>

**Underground Utility Project Budget**  
**Phase 1 Project Costs**  
**May 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	4,267,153	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)			\$ 316,498	315,453	99.7%
	<b>\$ 6,800,000</b>	<b>\$ 6,350,000</b>	<b>\$ 6,334,777</b>	<b>\$ 6,137,742</b>	<b>96.9%</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>\$ 12,659,857</b>	<b>98.7%</b>



**Underground Utility Project Budget**  
**Phase 2 Project Costs**  
**May 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	3,604,249	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	\$ 220,338	88.8%
<b>Total Phase 2 North Construction</b>	<b>3,800,000</b>	<b>5,020,000</b>	<b>\$ 4,831,238</b>	<b>\$ 4,437,920</b>	<b>91.9%</b>
<b>Phase 2 South Construction</b>	-				
Preconstruction			\$ 35,000	-	
Burkhardt Construction			\$ 6,494,596	169,481	2.6%
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	\$ 62,919	22.2%
<b>Total Phase 2 South Construction</b>	<b>4,435,000</b>	<b>7,424,000</b>	<b>\$ 7,055,899</b>	<b>\$ 399,398</b>	<b>5.7%</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	\$ 2,793	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>\$ 203,791</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>\$ 5,840,353</b>	<b>45.2%</b>

**Underground Utility Project Budget**  
**Phase 3 Project Costs**  
**May 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	\$ 462,006	95.0%
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	\$ 76,626	99.0%
<b>Total Phase 3 Design</b>	<b>\$ 860,000</b>	<b>\$ 895,000</b>	<b>\$ 894,505</b>	<b>\$ 837,238</b>	<b>93.6%</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	\$ 2,118,807	52.4%
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	
Construction Engineering (KH)			\$ 236,976	\$ 107,860	45.5%
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>\$ 2,709,884</b>	<b>56.9%</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	
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>\$ 15,078</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	\$ 270,913	99.1%
Legal Advertising				\$ 1,076	
Easement Amendment			\$ 49,285	\$ 6,856	
<i>Surveys</i>					
Task Legal Sketch South			\$ 37,436		
Jones Foster - Legal			\$ 25,000	\$ 4,328	
Recording Costs				\$ 3,284	
Easement Abandonment			\$ 28,387	\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 260,000</b>	<b>\$ 330,000</b>	<b>\$ 413,498</b>	<b>\$ 286,457</b>	<b>69.3%</b>
<b>Total Phase 3 Costs</b>	<b>\$ 10,910,000</b>	<b>\$ 15,400,000</b>	<b>\$ 6,080,850</b>	<b>\$ 3,848,657</b>	<b>63.3%</b>

**Underground Utility Project Budget**  
**Phase 4 Project Costs**  
**May 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	240,484	77.0%
Task 1.2 Phase 4 South Design	\$ 413,000		\$ 451,284	279,796	62.0%
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	42,663	54.8%
<b>Total Phase 4 Design</b>	<b>\$ 815,000</b>	<b>\$ 894,000</b>	<b>\$ 893,879</b>	<b>562,943</b>	<b>63.0%</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	255,711	91.2%
Easement Assistance (KH) -- Switches			\$ 67,747	8,552	12.6%
<i>Surveys</i>					
Legal Sketch			\$ 38,230	16,725	43.7%
Legal Sketch - Switches			\$ 4,967		
Jones Foster - Legal					
Recording Costs				1,748	
Easement Abandonment			\$ 24,086		
<b>Total Easement Acquisition Costs</b>	<b>\$ 240,000</b>	<b>\$ 411,000</b>	<b>\$ 415,300</b>	<b>282,736</b>	<b>68.1%</b>
<b>Total Phase 4 Costs</b>	<b>\$ 10,370,000</b>	<b>\$ 15,220,000</b>	<b>\$ 1,335,096</b>	<b>863,284</b>	<b>64.7%</b>

**Underground Utility Project Budget**  
**Phase 5 Project Costs**  
**May 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	\$ 168,058	37.0%
Task 1.2 Phase 5 South Design	\$ 600,000		\$ 606,951	\$ 212,433	35.0%
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	\$ 12,488	16.0%
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>\$ 392,979</b>	<b>32.9%</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>108.3%</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	\$ 14,702	6.7%
Easement Assistance			\$ 81,086	\$ 1,009	1.2%
<i>Surveys</i>					
Legal Sketch			\$ 41,080		
Jones Foster - Legal					
Recording Costs				\$ 111	
Easement Abandonment			\$ 29,462	\$ -	
<b>Total Easement Acquisition Costs</b>	<b>\$ 330,000</b>	<b>\$ 365,000</b>	<b>\$ 370,228</b>	<b>\$ 15,822</b>	<b>4.3%</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>\$ 447,007</b>	<b>27.9%</b>

**Underground Utility Project Budget**  
**Phase 6 Project Costs**  
**May 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	\$ 104,504	22.0%
Task 1.2 Phase 6 South Design	\$ 940,000		\$ 826,551	\$ 181,841	22.0%
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	\$ 4,444	5.2%
<b>Total Phase 6 Design</b>	\$ 1,360,000	\$ 1,440,000	\$ 1,439,993	\$ 290,789	20.2%
<b>Utility and Construction Costs</b>					
<b>Phase 6 North Construction</b>	\$ 4,790,000	\$ 6,615,000			
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>	\$ 4,790,000	\$ 6,615,000	\$ -	\$ -	0.0%
<b>Phase 6 South Construction</b>	\$ 10,270,000	\$ 12,298,000			
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>	\$ 10,270,000	\$ 12,298,000	\$ -	\$ -	0.0%
<b>Easement Acquisition/Abandonment</b>	\$ 400,000	\$ 447,000			
<i>Kimley Horn Easement Assistance</i>					
Easement Assistance			\$ 351,594	\$ 785	0.2%
<i>Surveys</i>					
Legal Sketch			\$ 58,415		0.0%
Jones Foster - Legal					
Recording Costs				\$ 209	
Easement Abandonment			\$ 36,344	\$ -	0.0%
<b>Total Easement Acquisition Costs</b>	\$ 400,000	\$ 447,000	\$ 446,353	\$ 994	0.2%
<b>Total Phase 6 Costs</b>	\$ 16,820,000	\$ 20,800,000	\$ 1,886,346	\$ 291,783	15.5%

**Underground Utility Project Budget**  
**Other Project Costs**  
**May 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%
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>	\$ 7,645	3.8%
<b>Community Outreach</b>	<b>\$ 282,519</b>	\$ 210,898	74.6%
<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>\$ 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	\$ 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>

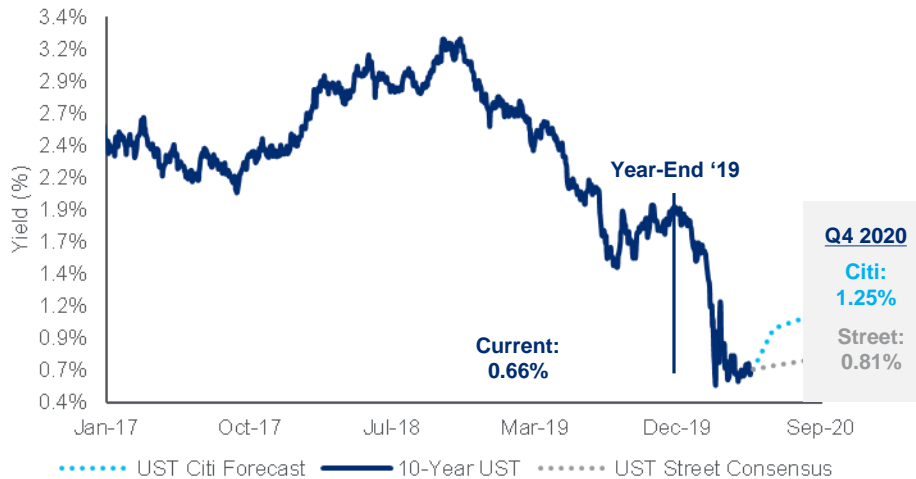
**Related Costs Outside of the Underground Project Budget**

	<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		\$ 523,173	
PBT Real Estate v TPB		\$ 159,408	
Gardner, Bist Bowden, Bush (Shef Wright)		\$ 24,799	
Temp Services - Easement acquisition	\$ 40,000	\$ 45,076	112.7%
Project Manager -Pay and benefits	\$ 454,398	\$ 409,306	90.1%
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>\$ 1,980,838</b>	<b>171.0%</b>

# U.S. Rate Forecasts

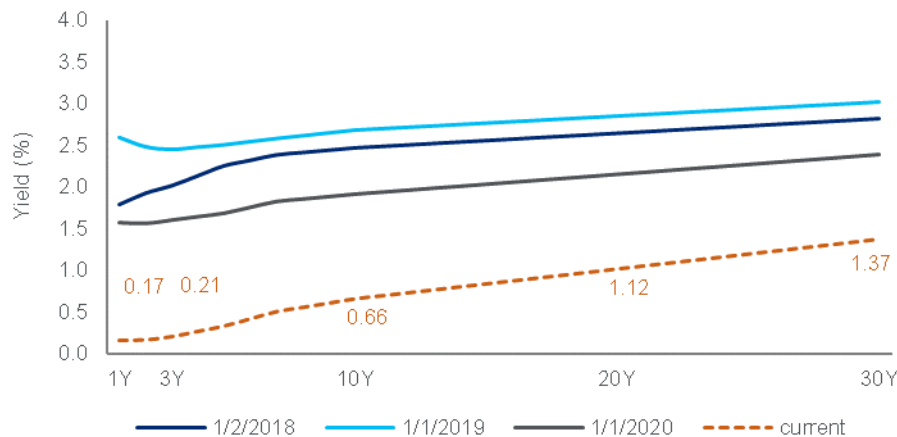
## 10-Year Treasury Yield Forecast

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	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
Citi's Forecast	0.34%	0.61%	0.65%	0.70%	0.70%	0.70%	0.70%
Economists' Consensus		0.40%	0.45%	0.54%	0.60%	0.68%	0.70%

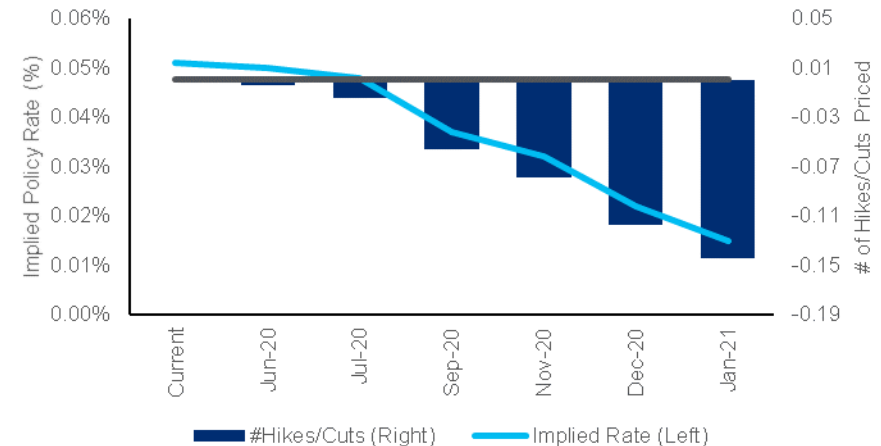
10-Year Treasury	Current	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
Citi's Forecast	0.66%	0.98%	1.11%	1.25%	1.25%	1.25%	1.25%
Economists' Consensus		0.68%	0.75%	0.81%	0.91%	1.00%	1.01%

30-Year Treasury	Current	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
Citi's Forecast	1.37%	1.53%	1.64%	1.75%	1.75%	1.75%	1.75%
Economists' Consensus		1.33%	1.40%	1.50%	1.60%	1.65%	1.70%

Fed Funds	Current	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21
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 May 22, 2020; expectations use the median of economists forecasts; Citi forecasts as of May 15, 2020, Bloomberg forecasts as of May 22, 2020.