

SOUTHEAST LFA WELLFIELD PROJECT

GMP-2

SETM - Construction Package 1 & 6

September 4, 2024



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Section 1: Cover Letter

Florida Water Partners (FWP) is pleased to provide this Guaranteed Maximum Price 2 (GMP-2) for the Southeast LFA Wellfield Project – SETM – Construction Packages 1 and 6. These bid packages were advertised on July 19th, 2024, with bids received on August 20th, 2024. A total of three bid packages were received for Segment 6 and one bid package was received for Segment 1 and evaluated by FWP and PRWC to determine the best value bidder for each scope of work. After the review and evaluation period it was determined that all bidders were responsive. Garney Companies was the only and best value selection for Construction Package 1 with a recommendation to modify the package by removing the ductile iron pipe portion of the work to be bid as part of a future work segment and award just the steel pipe portion of the project to take advantage of favorable market conditions. Carr and Collier was the best value selection for Construction Package 6. A complete analysis can be found in Section 5 – Schedule 3 – GMP Bid Breakdown.

GMP-2 SETM Bid Package 1 includes cost for performance and payment bonds, insurance, CMAR general conditions, CMAR contingency, and CMAR fee.

Insurance coverage is estimated in this GMP and will be provided as agreed upon by FWP and PRWC.

FWP will serve as the CMAR, furnishing construction administration and management services and will use the CMAR efforts to perform the Work in accordance with the Contract Documents.

GMP-2 scope of work description is included in Section 4 – Schedule 2 – Contract Drawings and Specifications.

The GMP is based on a closed book lump sum agreement with a Notice to Proceed date of September 23, 2024. The construction schedule for GMP-2 is provided Section 7.

Should you have any questions, comments, or wish to discuss any of the GMP package in greater detail, please feel free to contact us immediately.

Section 2: Exhibit 'C' GMP Addendum Summary

EXHIBIT "C"

GMP ADDENDUM TO

Agreement between Polk Regional Water Cooperative and Construction Manager at Risk

Southeast LFA Wellfield and West Polk LFA Wellfield

Pursuant to the Agreement (the "Agreement") dated 11/16/2022 between Polk Regional Water Cooperative, an independent special district of the State of Florida (the "Cooperative") and FWP (the "CMAR"), with respect to the Project, as identified and described in the Pre-Construction Addendum, the Cooperative and the CMAR hereby establish a Guaranteed Maximum Price (GMP), Contract Time for the Work and amend the Agreement as set forth below.

1. The CMAR's (GMP) for the Work as defined in Section 6.1.3 and the CMAR's Fee as defined in Section 6.1.2, for the Construction Phase Services is \$71,571,699.19.

2. This price is for the performance of the Work in accordance with the Schedules listed below and attached to this Addendum as follows:

Schedule 1 CMAR's Personnel.

Schedule 2 Contract Drawings & Specifications.

Schedule 3 GMP Bid Breakdown.

Schedule 4 Clarifications, Assumptions, Exclusions and Allowances.

3. Pursuant to Article 2, Section 2.1, the Project critical dates are as follow:

Package 1

A. Limited Notice to Proceed date - **September 2024**

B. Conditional Notice to Proceed date - **October 2024**

C. Project Substantial Completion Date **1,170** Calendar days from Notice to Proceed

D. Project Final Completion Date **60** Calendar days after Substantial Completion

E. In the event the CMAR does not achieve Substantial Completion within the Contract Time, including approved extensions, the CMAR shall pay the Cooperative, as liquidated damages and not as a penalty, the sum of **\$8,000** per day for each calendar day the actual time of performance exceeds the authorized Contract Time.

Package 6

A. Conditional Notice to Proceed date - **September 2024**

B. Project Substantial Completion Date **580** Calendar days from Notice to Proceed

C. Project Final Completion Date **60** Calendar days after Substantial Completion

D. In the event the CMAR does not achieve Substantial Completion within the Contract Time, including approved extensions, the CMAR shall pay the Cooperative, as liquidated damages and not as a penalty, the sum of **\$2,000** per day for each calendar day the actual time of performance exceeds the authorized Contract Time.

5. The CMAR shall not be due any additional Construction Phase Fee on increases in the GMP that do not exceed a cumulative total of \$71,571,699.19.

6. The CMAR's Fee for overhead, profit and general expenses of any kind, except as may be expressly included in Article 9, for services provided during and related to the construction phase, shall be 8% of the cost of work, as defined under section 6.1.3, and contingency. The CMAR's Fee shall be converted to a fix amount upon acceptance of the GMP, subject to changes as described herein, and shall be paid proportionally to the ratio of the work in place, including stored materials (see Article 8.1.3), as it bears on the latest estimate of the total construction cost and/or to the GMP, whichever is less.

7. Pursuant to Section 6.1.3.2.2, the cost of the premiums for all insurance and cost of premiums for all bonds, which the CMAR is required to procure by this Agreement specifically for the construction project. General Liability will be cost at a fixed rate of 1.75% of the final Contract Amount and CMAR bonds will be cost at a fixed rate of 0.60%. The premium stated will be substantiated with industry standard documentation. The cost of the work shall include any subcontractor bonds the CMAR deems appropriate. There shall be no CMAR Overhead and profit fee on this item.

IN WITNESS WHEREOF, the parties have caused this amendment to be executed by their duly authorized Project Administrators, as of the effective date.

**POLK REGIONAL WATER COOPERATIVE, an
independent special district of the State of Florida**

ATTEST:

By: _____

By: _____

Chairman

Board of Directors

Date: 9/18/2024

Approved as to form and legal sufficiency:

Edward Del Rio 9/18/24
Cooperative Attorney Date

**Florida Water Partners,
Construction Manager at Risk.**
a Florida corporation

Attest:

By: _____

Printed Name

Tracy Winsor

Title: Member

Section 3: Schedule 1 – CMAR's Personnel

[illegible]

Section 4: Schedule 2 – Contract Drawings & Specifications

The following documents were used to develop GMP-2.

Package 1

1. SE Water Transmission Main Construction Package 1 Technical Specifications, dated June 2024 prepared by TeamOne.
2. Southeast Water Transmission Main Construction Package 1 drawings, dated June 2024 prepared by TeamOne.
 - a. With exception of plan sheets PP-001 – PP-036. Only ductile iron piping from the 42" steel transition up to the nearest valve on the 30" and 36" lines on sheets PP-037 and PP-038 is being included.
3. Geotechnical Engineering Report – PRWC SE Wellfield Pipeline Seg 9, dated March 13, 2023 prepared by Madrid CPWG.
4. Addendum 1 prepared by FWP, TeamOne, and PRWC. The addendum is included in Section 6.

Package 6

1. SE Water Transmission Main Construction Package 6 Technical Specifications, dated June 2024 prepared by TeamOne.
2. Southeast Water Transmission Main Construction Package 6 drawings, dated June 2024 prepared by TeamOne.
3. Geotechnical Engineering Reports – PRWC SE Wellfield Pipeline Seg 1, dated March 3, 2023 and PRWC SE Wellfield Pipeline Seg 2, dated March 25, 2023 prepared by Madrid CPWG.
4. Addendums 1 and 2 prepared by FWP, TeamOne, and PRWC. The addendums is included in Section 6.

LARGE FILES TO BE PROVIDED SEPARATELY

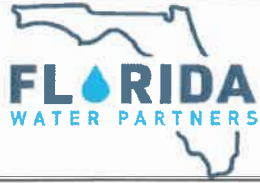
Section 5: Schedule 3 – GMP Bid Breakdown

Enclosed is the GMP-2 summary and backup.

GMP-2: Construction Package 1 and 6

8/20/2024

CONSTRUCTION COSTS		
	CMAR General Conditions	8,524,768
	Construction Package 1	46,055,499
5%	CMAR Contingency	2,302,775
	Construction Package 6	6,977,377
10%	CMAR Contingency	697,738
	SUBTOTAL COSTS	64,558,157
ALLOWANCES, INDIRECT COSTS		
ALLOWANCES		
	Testing & Inspection Fees	20,000
	Permit Fees	10,000
	Insurance Deductible	TBD
INDIRECT COST		
0.60%	Bonds (on GMP Total)	429,430
1.75%	Insurance (on GMP Total)	1,252,505
8.00%	Construction Fee	5,301,607
	GMP-2 TOTAL	71,571,699



Submittal Date: 08/20/24

PRWC - SETM

GMP-02: SEGMENT 1 & 6

SEC	DESCRIPTION	QTY	UM	Unit Cost (\$)	Extended Cost (\$)
1	Mobilization and Demobilization	1	LS	1,350,000	1,350,000
1	Gopher Tortoise Survey	1	LS	144,000	144,000
1	Preconstruction Video	1	LS	75,000	75,000
1	Survey/As-built Drawings	1	LS	216,200	216,200
1	Maintenance of Traffic	1	LS	1,000,000.00	1,000,000
1	Clearing and Grubbing	1	LS	900,000	900,000
1	Erosion and Sedimentation Control	1	LS	400,000	400,000
1	Existing Utility Location, Relocations & Support	1	LS	1,300,000	1,300,000
1	36" Ductile Iron Pipe (Open-Cut)	220	LF	700	154,000
1	30" Ductile Iron Pipe (Open-Cut)	60	LF	600	36,000
1	42" Steel Pipe & Fittings (Open-Cut)	51678	LF	628	32,427,945
1	Corrosion Protection Systems	1	LS	1,170,020	1,170,020
1	Below Grade Bacteriological Sampling Assembly	65	EA	12,000	780,000
1	Water Main Testing and Disinfection	1	LS	235,000	235,000
1	30" Butterfly Valve	1	EA	49,000	49,000
1	36" Butterfly Valve	1	EA	57,000	57,000
1	42" Butterfly Valve	9	EA	79,000	711,000
1	30" 90 degree bend	3	EA	-	-
1	30" 45 degree bend	1	EA	-	-
1	30" 22.5 degree bend	1	EA	-	-
1	36"x30" reducer	1	EA	-	-
1	36" 45 degree bend	4	EA	-	-
1	36" 11.25 degree bend	1	EA	-	-
1	36" Flanged x PE DI Spool, 5' long	1	EA	35,000	35,000
1	2" Combination Air Release Valve Assembly	5	EA	-	-
1	2" Surge Suppression Air Release Valve Assembly	1	EA	-	-
1	3" Combination Air Release Valve Assembly	2	EA	25,000	50,000
1	3" Air Release Valve Assembly	1	EA	25,000	25,000
1	4" Combination Air Release Valve Assembly	20	EA	35,000.00	700,000
1	Type 2 4" Combination Air Release Valve Assembly	8	EA	35,000	280,000
1	Type 1 4" Combination Air Release Valve Assembly	2	EA	35,000	70,000
1	4" Blow Off Assembly	5	EA	42,000	210,000
1	6" Blow Off Assembly	5	EA	44,000	220,000
1	8" Blow Off Assembly	21	EA	45,000	945,000
1	10" Blow Off Assembly	1	EA	49,000	49,000
1	12" Blow Off Assembly	1	EA	53,000	53,000
1	Asphalt Roadway Repair	484	SQ YD	1,100	532,400
1	Milling and Overlay of Existing Asphalt Pavement	2779	SQ YD	66	183,414
1	Dirt Road Restoration PAVT-6	2955	SQ YD	48	141,840
1	Gravel Road Restoration	447	SQ YD	790	353,130
1	Clay Road Restoration	789	SQ YD	170	134,130

1	Concrete Driveway Replacement	228 SQ YD	261	59,508
1	Asphalt Driveway Replacement	48 SQ YD	589	28,272
1	Fencing removal and re-installation	14120 LF	22	310,640
1	Sodding	1 LS	300,000	300,000
1	Seed and Mulch	1 LS	65,000	65,000
1	Gopher Tortoise Permitting and Relocation	1 LS	50,000	50,000
1	Utility Pole Protection	1 LS	80,000	80,000
1	ALTERNATE: Remobilization at direction of CMAR	1 LS	175,000	175,000
1	SEGMENT 1 SCHEDULE OF VALUES SUBTOTAL			46,055,499.00
1	CMAR CONTINGENCY		5.0% \$	2,302,774.95
1	SUB TOTAL SEGMENT 1			48,358,273.95
6	Mobilization and Demobilization	1 LS	345,000	345,000
6	Gopher Tortoise Survey	1 LS	20,000	20,000
6	Preconstruction Video	1 LS	13,000	13,000
6	Survey/As-built Drawings	1 LS	75,000.00	75,000
6	Maintenance of Traffic	1 LS	110,000	110,000
6	Clearing and Grubbing	1 LS	91,700	91,700
6	Erosion and Sedimentation Control	1 LS	90,099	90,099
6	Existing Utility Location, Relocations & Support	1 LS	67,693	67,693
6	12" PVC Pipe (Open-Cut)	18305 LF	130	2,379,650
6	10" PVC Pipe (Open-Cut)	68 LF	325	22,100
6	20" PVC Pipe (Open-Cut)	1250 LF	170	212,500
6	12" HDPE Pipe w/ HDPE Casing (Open-Cut)	50 LF	358	17,900
6	HDPE Potable Water Transmission Main by HDD	17026 LF	143	2,434,718
6	Below Grade Bacteriological Sampling Assembly	16 EA	2,800	44,800
6	Water Main Testing and Disinfection	1 LS	188,600	188,600
6	12" Gate Valve	9 EA	6,000	54,000
6	10" Gate Valve	1 EA	5,161	5,161
6	12" 90 degree bend	8 EA	2,100	16,800
6	12" 45 degree bend	13 EA	2,100	27,300
6	12" 22.5 degree bend	5 EA	2,100	10,500
6	12" 11.25 degree bend	34 EA	2,100	71,400
6	12"x10" tee	1 EA	2,900	2,900
6	12" plug	2 EA	1,300	2,600
6	10" 45 degree bend	1 EA	1,800	1,800
6	20" 45 degree bend	1 EA	4,800	4,800
6	20" 22.5 degree bend	2 EA	4,800	9,600
6	20" 11.25 degree bend	1 EA	4,800	4,800
6	20" plug	2 EA	2,000.00	4,000
6	3" Air Release Assembly	3 EA	11,300	33,900
6	2" Air Release Assembly	19 EA	9,700	184,300
6	Asphalt Roadway Repair	46 SQ YD	330	15,180
6	Milling Existing Asphalt Pavement Down 2-inches	502 SQ YD	100	50,200
6	Dirt Road Restoration	41 SQ YD	26	1,066
6	Concrete Sidewalk Replacement	141 SQ YD	40	5,640

6	Concrete Driveway Replacement	106	SQ YD	53	5,618
6	Asphalt Driveway Replacement	128	SQ YD	193	24,704
6	Asphalt Trail Replacement	818	SQ YD	86	70,348
6	Sodding	1	LS	32,000	32,000
6	Seed and Mulch	1	LS	96,000	96,000
6	Gopher Tortoise Permitting and Relocation	1	LS	50,000	50,000
6	Utility Pole Protection	1	LS	80,000	80,000
6	SEGMENT 6 SCHEDULE OF VALUES SUBTOTAL				6,977,377.00
6	CMAR CONTINGENCY			10.0%	\$ 697,737.70
6	SUB TOTAL SEGMENT 6				7,675,114.70
ALLOW	TESTING & INSPECTION FEES			\$	20,000.00
ALLOW	PERMIT FEES			\$	10,000.00
GMP-02	CMAR GENERAL CONDITIONS			\$	8,524,768.26
GMP-02	CMAR BONDS		0.60%	\$	429,430.20
GMP-02	GENERAL LIABILITY INSURANCE		1.75%	\$	1,252,504.74
GMP-02	CMAR FEE		8.00%	\$	5,301,607.35
GMP-02 TOTAL					71,571,699.19

Section 6: Schedule 4 – Clarifications, Assumptions, Exclusions & Allowances

Package 1

GMP and project schedule provided are contingent on easements **acquired** so that gopher tortoise relocation, clearing and grubbing and material deliveries can occur before the full mobilization takes place. As noted in the documents, some Property parcels are still in the process of being acquired. Construction activities may not commence on these parcels until notified by PRWC. The anticipated date of release is notated on attached parcel map.

Package 6

GMP and project schedule provided are contingent on easements **acquired** so that gopher tortoise relocation, clearing and grubbing and material deliveries can occur before the full mobilization takes place. As noted in the documents, Property parcels #6050, 8001, and 6051 still need to be acquired. Construction activities may not commence on these parcels until notified by PRWC. The anticipated date of release is 1/1/25 for parcels 6050 and 6051 and 8/1/25 for parcel 8001.

Permitting costs other than for gopher tortoises are excluded from these costs. All other permits should be available no later than January 1st 2025. Due to this permitting delay, the 20" pipeline on Segment 6 completion will be delayed from what was specified.

No species mitigation efforts have been included other than gopher tortoise survey and allowance for relocation.

No cost has been included in the GMP Engineer or Owner-related facilities.

The GMP is based on a closed book lump sum agreement with a NTP date of September 23, 2024

The following pages are partial parcel maps and Addenda as prepared during the bidding process.

13 - Property Parcel Status and Construction Conditions Supplement - Segment 1

Parcel Unique ID(s)	Parcel Number(s)	Current Status	Anticipated Release Date	Conditions of Construction
3058-TCE	272922866300045100	Acquired		Install silt fence at back of TCE (north edge of easement). Maintain access to parcel at all times during construction.
3059, 3066	272922866300045080, 272922866300051050	Pending	1/1/2025	Add note to limit number of trees removed from TCE's (\$500/tree removed during construction).
3060, 3061	272922866300045070, 272922866300045010	Pending	8/1/2025	Add note to limit number of trees removed from TCE's (\$500/tree removed during construction).
3067	272924000000012010	Pending	1/1/2025	
4000	272922866300001180	Acquired		Pipe must be buried a minimum of 48 inches, provide access to parcels during construction.
5053, 5057	282932937720010043, 282933937750030043	No Progress	8/1/2025	Incorporate recommendations from March 12, 2024 arborist report into design plans and contract documents.
5055	282933937750030041	No Progress	8/1/2025	Incorporate recommendations from March 12, 2024 arborist report into design plans and contract documents. Restore existing improvements to pre construction conditions (including irrigation). Replace sod in kind - owner to provide type of sod and supplier.
5056	282933937750030042	No Progress	8/1/2025	Repair/replace existing irrigation, stone columns, fence, gate, and underground fence. Stone columns shall be replaced in-kind.
5067	282933937770002020	Acquired		Incorporate recommendations from March 27, 2024 arborist report into design plans and contract documents.
5077	282934937800030000	Pending	1/1/2025	
5086	282935937900019160	Acquired		Remove concrete driveway to first joint and replace driveway and fence in kind. Do not replace columns/pillars, existing gate or key pad (remove only). Extend fence along driveway to back of TCE. Remove and replace existing berm in kind. Coordinate access to parcel ahead of work.
6010 6005	293006992000000600 293001939000000400	Acquired		Aboveground features must be "in line" with citrus improvements and to one side of easement boundary; pipe must be buried a minimum of 48 inches; irrigation lines cannot be disconnected between November 15th and March 15th; 72-hour notice to owner and owner's attorney before disconnecting irrigation piping; irrigation pipes must be restored with 48 hours of being disconnected
7003, 7004, 7005, 7008, 7010	272913000000042010, 272913000000043030, 272913000000043010, 272924000000032000, 272924868500000010	Pending	8/1/2025	
7009	272924000000033010	Pending	8/1/2025	
14002, 14003, 14004	282929937600040130, 282930937640020010, 282929937600040170	Pending	8/1/2024	Install temporary fencing at back of TCE to retain livestock/cattle, replace existing fence with 5 strand barbed wire on 6" posts spaced 18' apart (similar to existing).

SEGMENT 1 PARCEL OVERVIEW: 2024.07.18





SETM PACKAGE 1

ADDENDUM #1

08/14/2024

Questions/Responses

Question 1: On the plans for PRWC, sheet PP-151 calls out a test cap at the end of the line. It references a standard detail (STL-13) in keynote #2 for the test plug, however we can't find this detail in the plans. Please provide.

Response 1: The requested detail is attached to this document.

Question 2: For Sheet DET 006, CP-01 Detail A and B, are all the lead wires for the anodes (6 each) to terminate at the test station individually and not via a single common wire header?

Response 2: Per project specifications, buried splices are only permitted as approved by the engineer so all anode leads are brought individually to the test station and terminated as indicated in the detail.

Question 3: For sheet DET 006 detail CP-02, it appears that only the IR Free Test stations are flush mount, and all others are post mount. Please confirm.

Response 3: Flush test stations should only be installed in roadways, driveways, sidewalks, or other hardscaped areas. Otherwise, use post-mounted test stations.

Question 4: Per DET 006, CP-02 Detail C, no anodes are shown in the detail however 6 each is listed in the CP schedule for IR Free TS. Please confirm which is correct.

Response 4: Provide anodes in accordance with the schedule. The IR Free Test Station Detail C on CP-02 provides spacing criteria for the metallic coupon and is a plan view of the details in CP-01. Refer to CP-01 for anode placement.

Question 5: Per DET006, the CP schedule does not indicate any isolation test stations for the project. Please confirm that none are required.

Response 5: Provide an isolation test station at the transition of the steel pipe to ductile iron pipe shown on PP-038. The butterfly valves will not require flange isolation kits. Delete Note 3 on Detail MISC-13.

Question 6: Per Section 33 13 00 it requires flushing of the line at a minimum velocity of 2.5 feet per second. Without some parts of the adjacent systems being complete, this is not possible due to the volume of water required. The same applies to chlorination and hydrostatic testing. Please provide the engineer's intent.

Response 6: For the man-entry pipe (42-inch diameter pipe), the contractor can manually sweep the inside of the pipe prior to filling it with water and then, flush the pipe with whatever velocity possible to fully clear it.

Question 7: 33 13 00 - Please provide allowable loss for O ring steel pipe.

Response 7: There is no allowable loss because there are no O rings. The steel pipe is all welded steel except for flange connections.

Question 8: General Note 1 on PP sheets states "Seed all work areas not shown for other restoration". When reviewing restoration areas some of the sod callouts on the PP sheets indicate the sod type and others do not. Please confirm sod type at all locations where required.

Response 8: In areas that do not call out a specific sod type, the sod should match existing conditions. This will need to be determined by the contractor.

Question 9: CP schedule appears incomplete. For example, there are no isolation test stations called out in the schedule, but they are shown on the PP 037 sheet. Also, none are called out for the inline 42-in valves which get ISO gaskets.

Response 9: Refer to the response to Question 5.

Question 10: Per detail sheet 006 detail CP02, please confirm what joint bonding if any is required if any for the 30" and 36" DI pipe.

Response 10: There will be no joint bonding required for the 30" and 36" DI pipe.

Question 11: Per detail sheet 006 detail CP02, please confirm what joint bonding is required for the 42" steel piping i.e., o-ring joint, inline valves, welded joint. steel to DI transitions at ARV and BO's etc.

Response 11: There will be no joint bonding required because the steel pipeline is welded steel. Use flange isolation kits at the flanged connections of steel to ductile iron pipe.

Question 12: Per detail sheet 006 detail CP01, please confirm if isolation test stations are required at all inline valves as well as branch valves for ARV's and BO's

Response 12: Refer to the response to Question 5. Isolation test stations are not required at the branches for ARVs and BOs.

Question 13: Please confirm which ARVS are Type 2.

Response 13: The only differentiation between Type 1 and Type 2 ARVs are the offsets from the pipeline. All ARVS should be assumed to be type 2 except for valves shown to be installed at the pipe in the plan view of the drawings.

Question 14: Please confirm that the concrete support pad shown on detail Misc-12 is 4' thick.

Response 14: The referenced detail pad should be 4" thick not 4'.

Question 15: Detail MISC-12 says to omit the Surge Check Valve if the Schedule does not call for it. Only (1) 2" ARV calls for an ARV W/ Surge Suppression (Mountain Lake). Please confirm that the schedule is correct and that only one ARV with Surge suppression is required.

Response 15: For this construction package there is only one ARV that requires Surge Suppression as seen in the schedule.

Question 16: Please confirm if ARVs will be an air vacuum valve with an externally mounted air release valve or a single ARV.

Response 16: For valves 3" and smaller a single body ARV will be used. Any valve larger will require dual body valves.

Question 17: On 2A, we are using threaded brass Nipple and Threaded Gate Valves for the 3" ARV assemblies. Do you want to use flanged for 4" and threaded for 2" and 3"?

Response 17: For 3" and smaller, threaded connections are acceptable as seen in Section 33 14 00 F.

Question 18: DET-003 – Per PAVT 9, please confirm that all asphalt driveways are to be replaced with 1-in asphalt regardless of existing asphalt thickness. If the intent is to meet existing asphalt thickness at various locations, please provide additional information i.e. existing thickness.

Response 18: Asphalt driveways are to be 1" minimum.

Question 19: Has a crossing agreement been obtained for the 36-in gas crossing PP sheet 60? If so, please provide.

Response 19: The gas company has approved the crossing in question. The final agreement between the PRWC and the gas company will be shared with the successful bidder.

Question 20: PP109 and other PP sheets: Full Depth Asphalt Replacement references keynote PVMT 01 for which there is no detail. Please confirm if the intent is to use PAVT01.

Response 20: Any reference showing PVMT-01 should reference PAVT-01.

Question 21: PP17 – Call out for installing future dirt road references Keynote 1-PAVT 07. This is not consistent with other details for this item as they reference PAVT 06. Please confirm.

Response 21: The keynotes on this page were labeled incorrectly. The keynotes in the plan view should be switched and the future road callout should reference PAVT-06 and the clay replacement should reference PAVT-07.

Question 22: For the removal and replacement of clay road, can we not remove existing clay and reuse it? Also, the details referenced in PP17 and PP34 are not consistent with others. Please confirm.

Response 22: Native soil can be reused if suitable. Final compaction to meet standards referenced in detail PAVT-07.

Question 23: For removing and replace dirt drive, the majority of callouts do not reference a detail and others conflict between PAVT07,05 and 06.

Response 23: Any dirt drives that do not have a detailed reference should be treated as a standard restoration with the native soil and follow standard compaction requirements as described in the measurement and payment section of the specifications. It was determined that these specific drives did not require a full unpaved road restoration as seen in the details.

Question 24: For remove and replace dirt road, the majority of call outs do not reference a detail. Please provide.

Response 24: Refer to the response to Question 9.

Question 25: PP96 - For remove and replacement of gravel drive, the plans reference PAVT08 which is for concrete driveway.

Response 25: The reference to PAVT-08 is incorrect. The correct reference is PAVT-05.

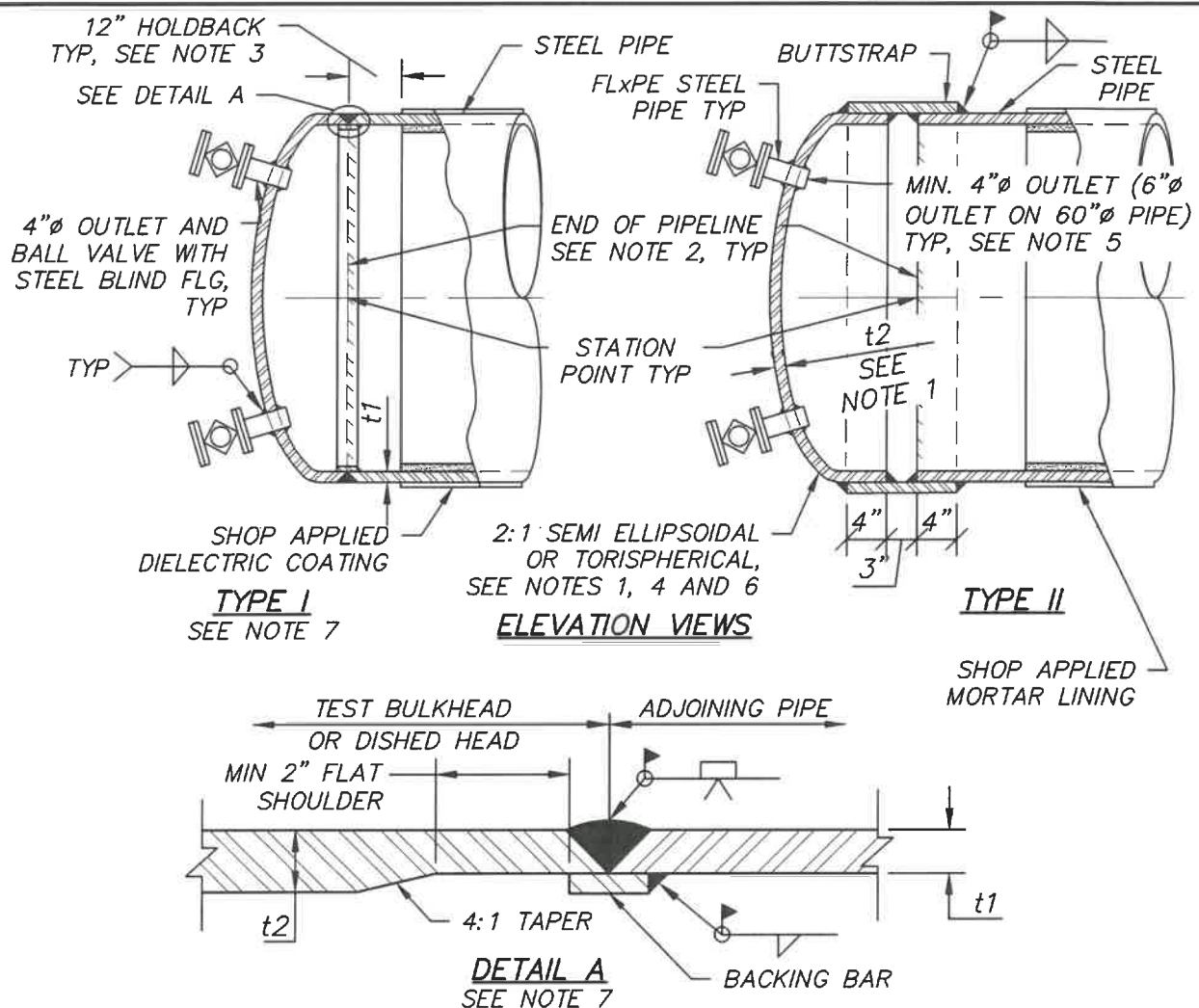
Question 26: PP70 – Call out is for brick paver replacement. Please provide detail.

Response 26: Note for clarity, the callout for paver replacement is on PP-69. The brick paver restoration should be replaced in kind utilizing reused or new materials, matching existing ones.

SIGNATURE

PRINT NAME/TITLE

DATE



NOTES:

1. CALCULATE THICKNESS BY A.S.M.E. BOILER AND PRESSURE VESSEL CODE, PRESSURE VESSELS SECTION VIII, DIVISION 1.
2. SEE DRAWINGS FOR STATION AND LOCATION OF PIPELINE ENDS.
3. MINIMUM 8" HOLD BACK REQUIRED AFTER TEST HEAD IS CUT OFF.
4. IF BULKHEAD IS FOR TEMPORARY USE ONLY, WELD INSPECTION TO BE VISUAL & ULTRASONIC TESTED.
5. LINE AND COAT TEST BULKHEAD/DISHED HEAD PER MAINLINE PIPE REQUIREMENTS.
6. TEST HEADS MAY BE EITHER TYPE I OR TYPE II. PERMANENT HEADS SHALL BE TYPE I.
7. FOR TYPE 1 TEST OR DISHED HEAD JOINT CONNECTION, TAPER BASE METAL SO THAT THE MAXIMUM ALLOWABLE GAP BETWEEN THE BACKING BAR AND BASE METAL DOES NOT EXCEED 1/16" PER AWS D1.1, PARAGRAPH 5.22.1.1. SEE DETAIL A.



30" + Ø STEEL - BULKHEAD OR
DISHED HEAD

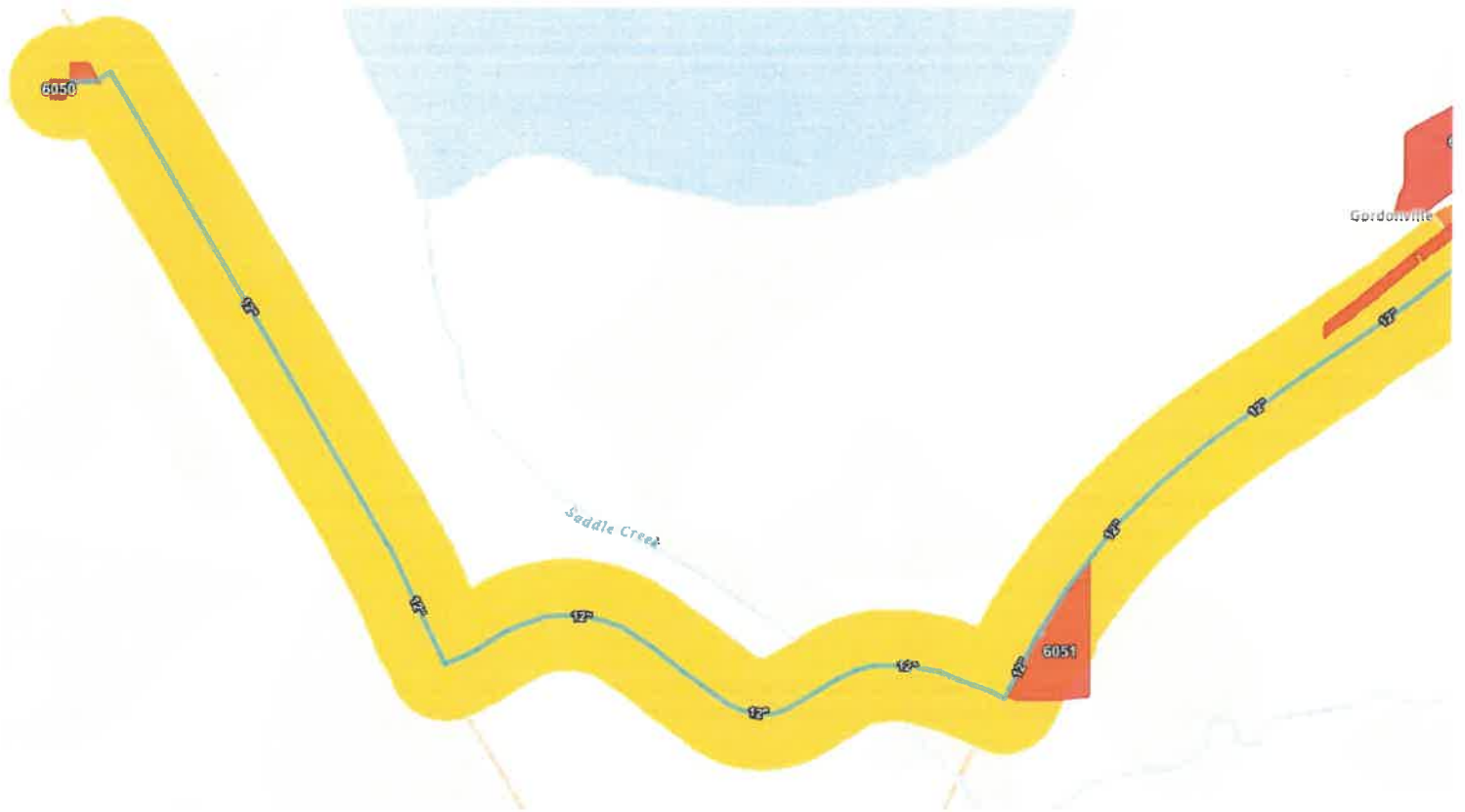
30" + Ø STEEL - BULKHEAD OR DISHED HEAD

POLK REGIONAL WATER COOPERATIVE

FIGURE #
STL-13

NOVEMBER, 2023

Parcel Unique ID(s)	Parcel Number(s)	Current Status	Anticipated release date	Conditions of Construction
6050	242913000000044120	No Progress	1/1/2025	N/A
6051	252928000000041020	No Progress	1/1/2025	N/A
8001	242913000000044070	No Progress	8/1/2025	N/A





SETM PACKAGE 6

ADDENDUM #1

08/14/2024

Questions/Responses

1. Refer to Dwg. C-001. The site plan shows a note, "proposed I & C equipment". There are no electrical, or I & C drawings or specifications. Please confirm that this is not part of the contract.

Response: Confirmed.

2. Refer to Dwg. C-001. The site plan shows a note, "proposed fence". Please provide a fence detail if this is required.

Response: The following typical fence and gate detail is to be used for the site. See attached detail.

3. Refer to Dwg. C-001. Is the above-ground pipe assembly to be capped on the east side or connected to an existing pipe?

Response: It should be capped at the 90 bend.

4. Refer to Dwg. C-001. The site plan does not show what the surrounding ground cover is within the fenced area beside the concrete driveway and pad.

Response: Impact to other areas of the site should be minimal. Any disturbed areas outside the fence should be sodded to match the existing conditions. Areas inside the fence beside the concrete driveway and pad should have 2 feet of 57 stone fill with Mirafi 140N filter fabric or equal.

5. Refer to document 12 - Property Parcel Status and Construction Conditions, as well as Drawings POC-001 and POC-002. Please explain what portion of work in this area will be delayed by the easement acquisition date. Will the directional drills be on hold until the anticipated dates?

Response: All work shown on POC-001 and POC-002 will be delayed by easement acquisition including the directional drills.

6. Refer to document 12 - Property Parcel Status and Construction Conditions, Parcel 6051, as well as Drawing PP-048. Will the directional drill and the 12" PVC open cut on US-17 be impacted by this?

Response: No impact to directional drill or open cut on US-17.

7. Refer to drawing PL-048A thru PL-048C. Will this area be impacted by the Parcel Status? Also, it states that this is a staging area. What is the allowable width of the lineal footage provided?

Response: This area is public right-of-way and will not be delayed by acquisition. Staging area is intended to follow the existing access trail. Work area is within the R/W limits shown. Clearing is at your discretion and is included in the lump sum pay item.

8. Please confirm that a daily lane closure will be allowable on Ernest Smith Blvd. for construction activities.

Response: Lane closures are to be obtained by the Contractor from Polk County Roads and Drainage. Daily lane closures are not expected to be an issue.

9. It states in spec sect 33 05 07.13, Horizontal Directional Drilling, that pigging is required. Aside from pressure testing and chlorination, is pigging required for the open-cut 12" PVC water main installation?

Response: Yes. Pigging is required for all installation methods.

10. Is silt fence installation required at any location on this project?

Response: Silt fencing will be required per Contractor's SWPPP.

11. Please confirm that the asphalt thickness for trail replacement is 1" as shown in the detail.

Response: Confirmed.

12. Please refer to dwg. PP-055. It shows an 18" HDPE casing above the existing steel gas main. Are there any other requirements to install this casing over the gas main?

Response: Yes. Refer to the conditions listed in the Letter of No Objection. See attached.

13. Please confirm that the fiber optic lines that closely parallel and/or cross the proposed water main will be temporarily moved and adjusted by others.

Response: Fiber lines identified on plans are to be protected and shifted as needed by the Contractor.

14. Please confirm that seed & mulch is acceptable in all disturbed areas except where sodding abuts hard surfaces.

Response: Sodding is required on sloped areas including swales/ponds as noted in the General Notes on sheet G-002. This also includes along the trail on Ernest Smith Blvd.

15. Please identify the sources of water that can be utilized for pressure testing and chlorination. Water for testing and chlorination is available at fire hydrants along the route.

Response: The contractor is to coordinate with the City of Bartow regarding meters. They will need to set up an account with customer service.

16. Please confirm that the general contractor does not have to pay for the water needed for testing. It will be more cost-efficient for the County to provide this.

Response: Water for testing will be paid for by the Contractor.

17. Refer to spec sect 09 90 04 Painting. Aside from the above grade pipe shown on dwg. C-001, is there any other location where this spec would be needed?

Response: Any above-ground piping will be painted including ARVs.

18. Please confirm that the water main is not fully restrained. Also, can you provide a restraint table for reference?

Response: Confirmed. Restraint limits are provided in the profile views on the plans.

Clarifications

1. Test hole TH-08-001-1 on Sheet PP-003 was not performed at the current pipe alignment. The contractor to field verify the 4" PE gas main at STA 8037+76.
2. Sheets PP-031A to PP-034A were added to the set. See attached.
3. Add note 16 to detail MISC-11 on DET-002. "16. MAXIMUM TRENCH WIDTH IS 8 FEET. MAXIMUM WIDTH OF SPOIL PILE IS 10 FEET."
4. The work at the future SR570B overpass shown on sheets PP-062 through PP070 needs to be completed prior to the start of roadway construction. That project is currently scheduled to begin construction in July 2025.
5. Replace the notes on UC-09 on DET-007 with the following:

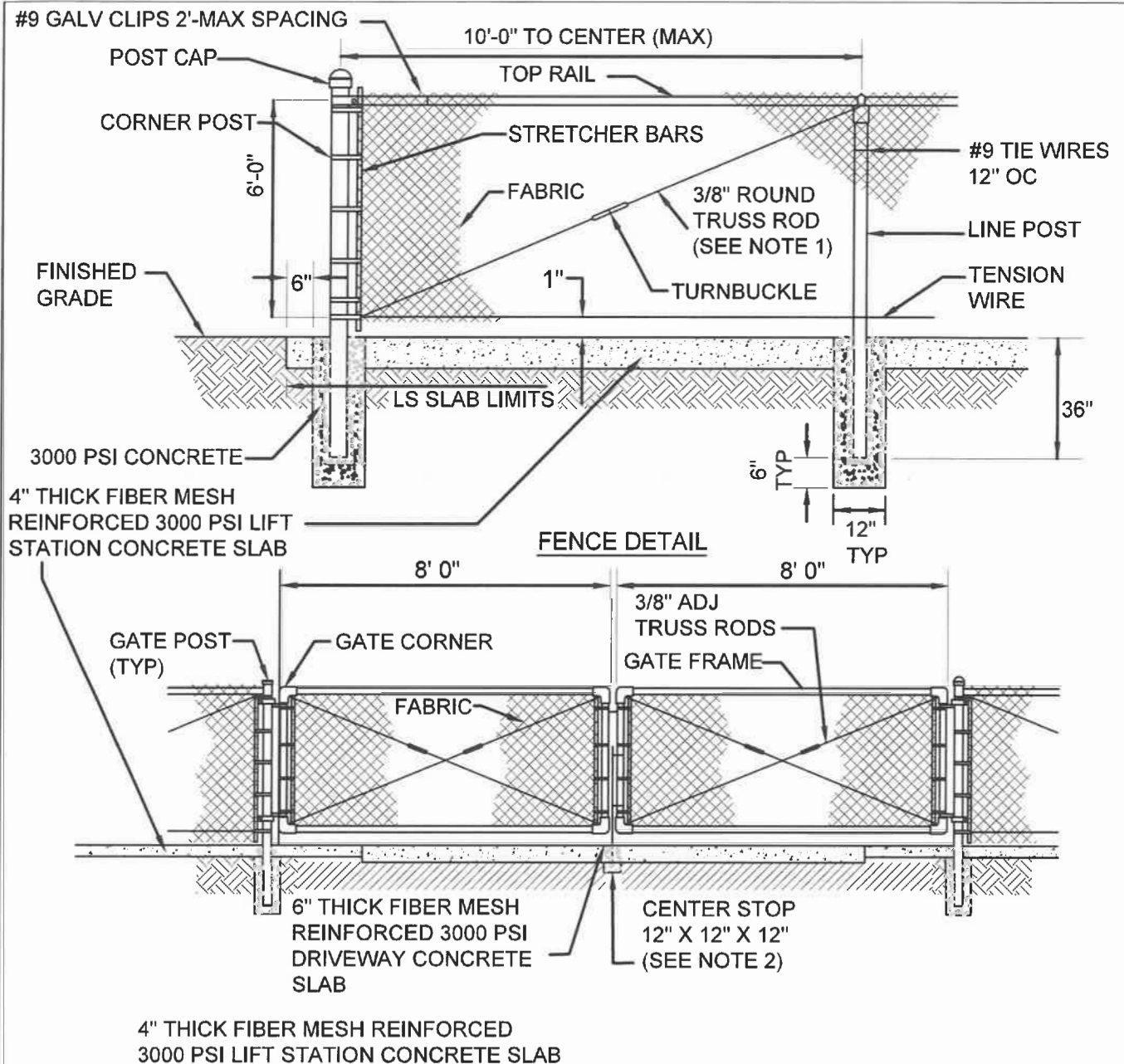
FDOT stormwater pond 4B relies on infiltration into the soil for recovery and stormwater quality. The pond's infiltration capability is susceptible to clogging from construction equipment and sediments and therefore requires special construction requirements:

- 1. The use of pond 4B for construction staging or storage of heavy equipment is prohibited.***
- 2. Avoid compaction of the soils from heavy equipment, etc.***
- 3. Minimize the work zone within pond 4B to the greatest extent practicable.***
- 4. The use of pond 4B for temporary dewatering settling basin is prohibited.***
- 5. Restore the pond bottom to pre-construction elevations and conditions.***

SIGNATURE

PRINT NAME/TITLE

DATE



NOTES:

1. TRUSS RODS ARE REQUIRED FOR EACH GATE SECTION AND THE FIRST SPAN ON EACH SIDE OF A GATE AND EACH SIDE OF A CORNER POST ONLY.
2. GATE SHALL BE CAPABLE OF BEING LOCKED SECURELY WITH MINIMUM SPACE BETWEEN GATES.
3. FENCING SHALL BE BLACK, FACTORY APPLIED VINYL CLAD.
4. THREE STRANDS OF BARBED WIRE SHALL BE INSTALLED ON TOP ONLY IF APPROVED BY PCU. 2' FENCE AND GATE POST CAP EXTENSION SHALL BE INCORPORATED INTO FENCE AND/OR GATE DESIGN ACCORDINGLY. BARBED WIRE SHALL BE INSTALLED VERTICALLY AT GATE.
5. MINIMUM 15' COMPLETELY CLEAR OPENING REQUIRED TO ACCOMMODATE HEAVY EQUIPMENT AND/OR EMERGENCY VEHICLES.

CHAIN LINK FENCE (TYPICAL)



May 14, 2024

Polk Regional Water Cooperative
Attention: Mr. Eric DeHaven, Executive Director
330 W. Church Street
Bartow, Florida 33821-8005

RE: Proposed 12" Water Line Encroachment on South Side Of US-17 – Polk County, Florida

Dear Mr. DeHaven,

This letter is in response to your request for permission for Polk Regional Water Cooperative ("Company") to "construct" the proposed twelve inch (12") HDPE DR11 water line to be installed by open cut at Gulfstreams thirty inch (30") pipeline crossing within the public right of way of US-17 in Polk County, Florida ("Encroachment Project"), "over or under" the existing Gulfstream Lateral Line 400 pipeline, including all appurtenant equipment and facilities associated therewith (together, the "Gulfstream Facility") owned by Gulfstream Natural Gas System ("Gulfstream") in Polk County, FL. Please be advised that Gulfstream hereby grants to Company permission to "construct or conduct" said Encroachment Project, "over or under" the Gulfstream Facility in consideration of Company acknowledgement and compliance with the following:

1. Company must provide notice to Gulfstream in compliance with State One call laws (excluding weekends and holidays) prior to commencing the Encroachment Project construction or operations near the Gulfstream Facility, Company shall notify and/or be responsible for its contractors, agents and subcontractors notifying the State One-Call System (dial 811) of the construction so that a Gulfstream representative(s) or other designated person(s) can be present during the construction or operations.
2. Company has provided Gulfstream with the proposed design and crossing plan for the Encroachment Project "over or under" the Gulfstream Facility and agrees to provide Gulfstream two business days advance notice in writing before materially deviating from such proposed design and crossing plan.
3. Gulfstream reserves the right to have a representative stationed along the Gulfstream Facility during the subject construction or other operations near Gulfstreams pipeline, facilities, and/or other equipment.
4. If applicable, wherever Company should encroach upon Gulfstreams' Facility with heavy steel tracked equipment, Company shall place matting or other suitable material over the Gulfstream Facility as determined by Gulfstreams representative.
5. The proposed encroachment will be located within the public right of way of US 17 as represented by Company in the proposed design and crossing plan or as depicted in the vicinity map and/or site plans attached to this letter as Exhibits "A" and "B". Company shall be solely responsible for

obtaining any required permission or grants from the Landowner and any governmental permits or authorizations necessary for Company to begin or engage in activities related to the Encroachment Project near the Gulfstream Facility.

6. Gulfstream has the right to stop the Company and its agents, contractors, or other representatives from continuing Encroachment Project work if Gulfstreams personnel determine, in their sole discretion, that there is a safety issue or risk to the integrity to the Gulfstream Facility. This right to stop work is not an obligation to inspect or supervise the Encroachment Project installation activities and doesn't waive or release any claims Gulfstream may have related to the Encroachment Project.

Please indicate Polk Regional Water Cooperative's acceptance of the above by having one of the originals of this letter signed and dated by a Polk Regional Water Cooperative representative, then return to:

Williams
2800 Post oak Blvd., Suite 900
Houston, TX 77056
Attention: Donna Warren

Should you have any questions regarding Gulfstreams operating procedures, please call me at Phone # 713-215-2664.

Sincerely,

Donna Warren
Land Representative

ACCEPTED AND AGREED TO BY POLK REGIONAL WATER COOPERATIVE ON THIS 20th day of May 2024.

Name: 
Title: Executive Director

EXHIBIT "A"

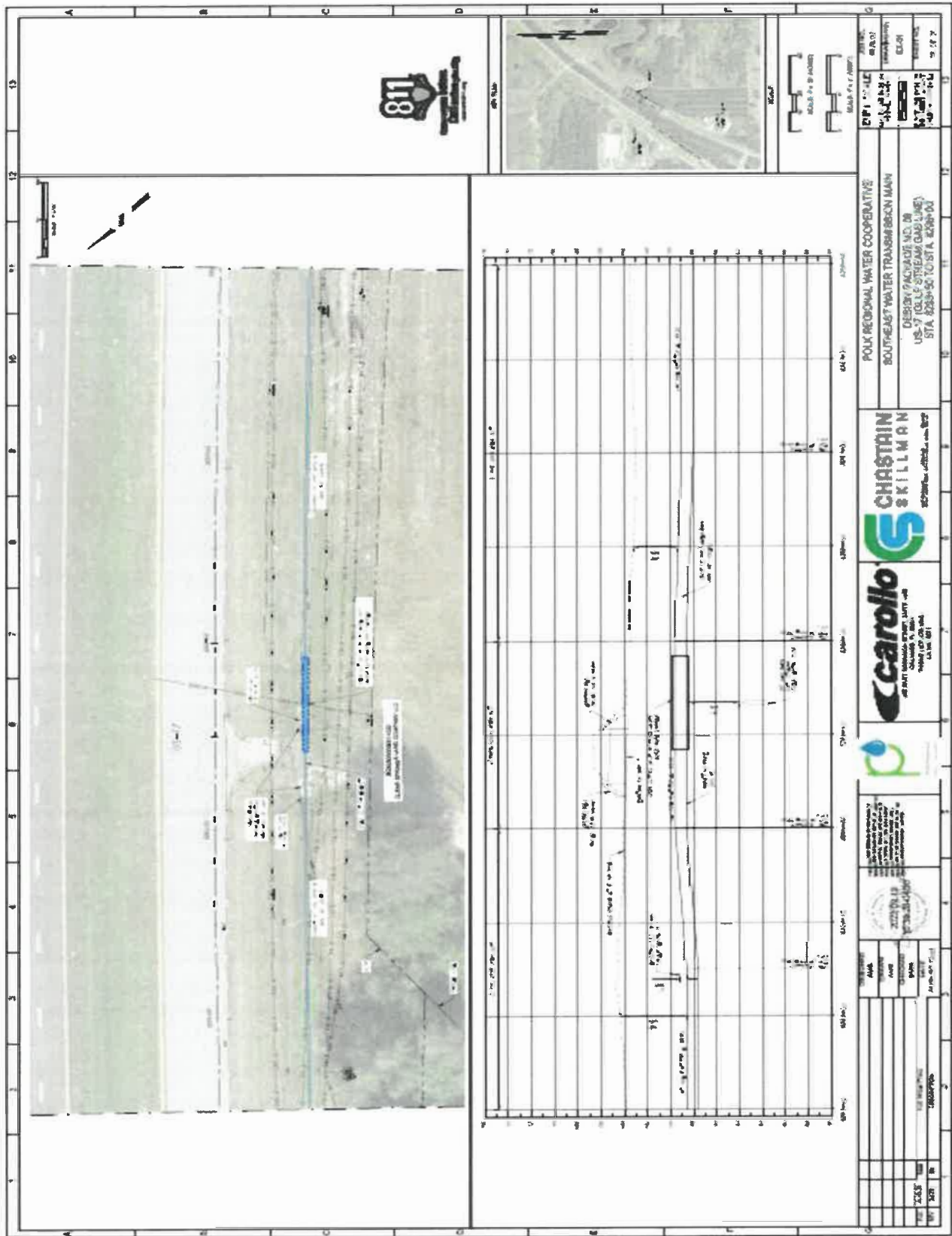
VICINITY MAP

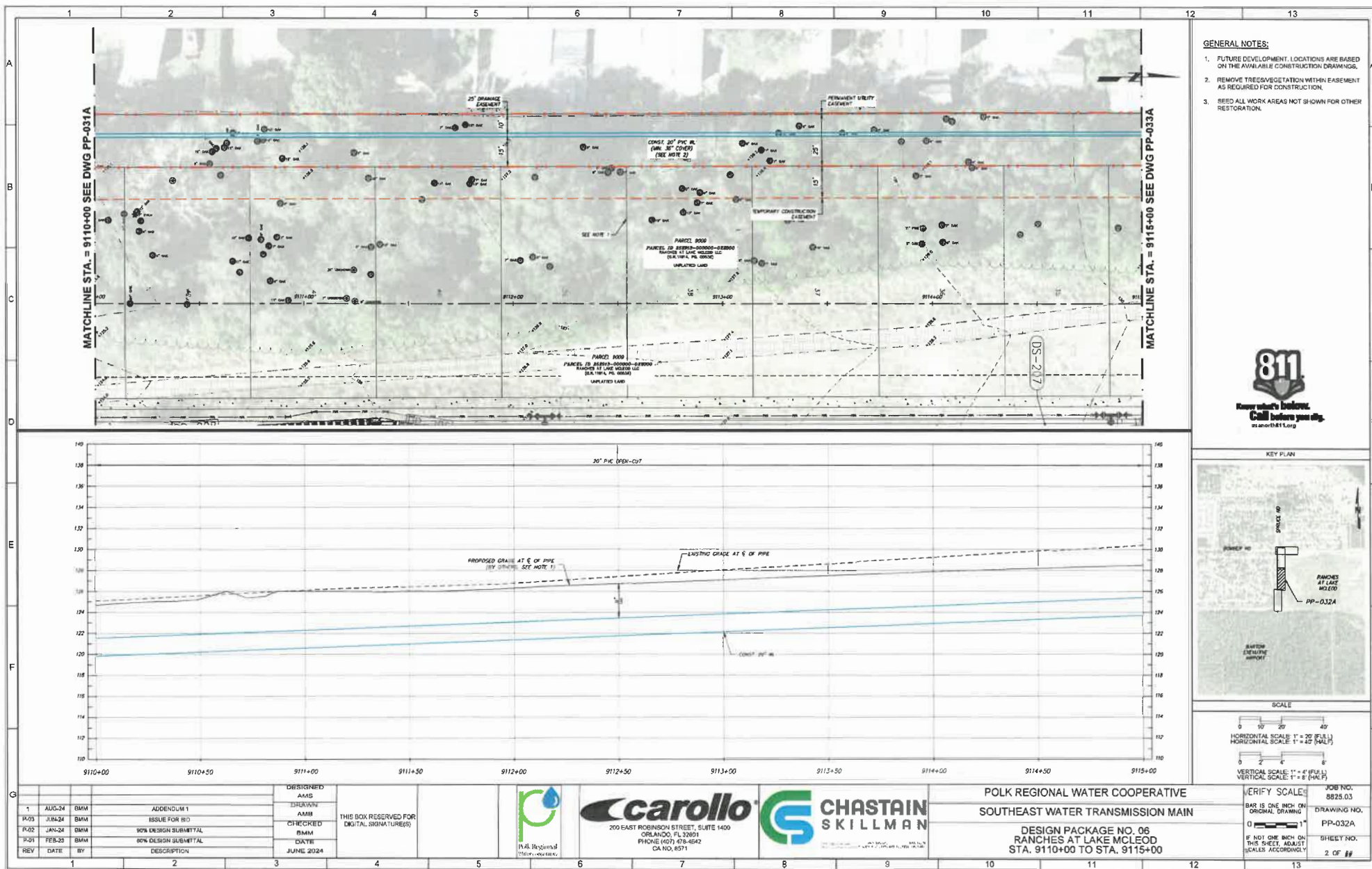


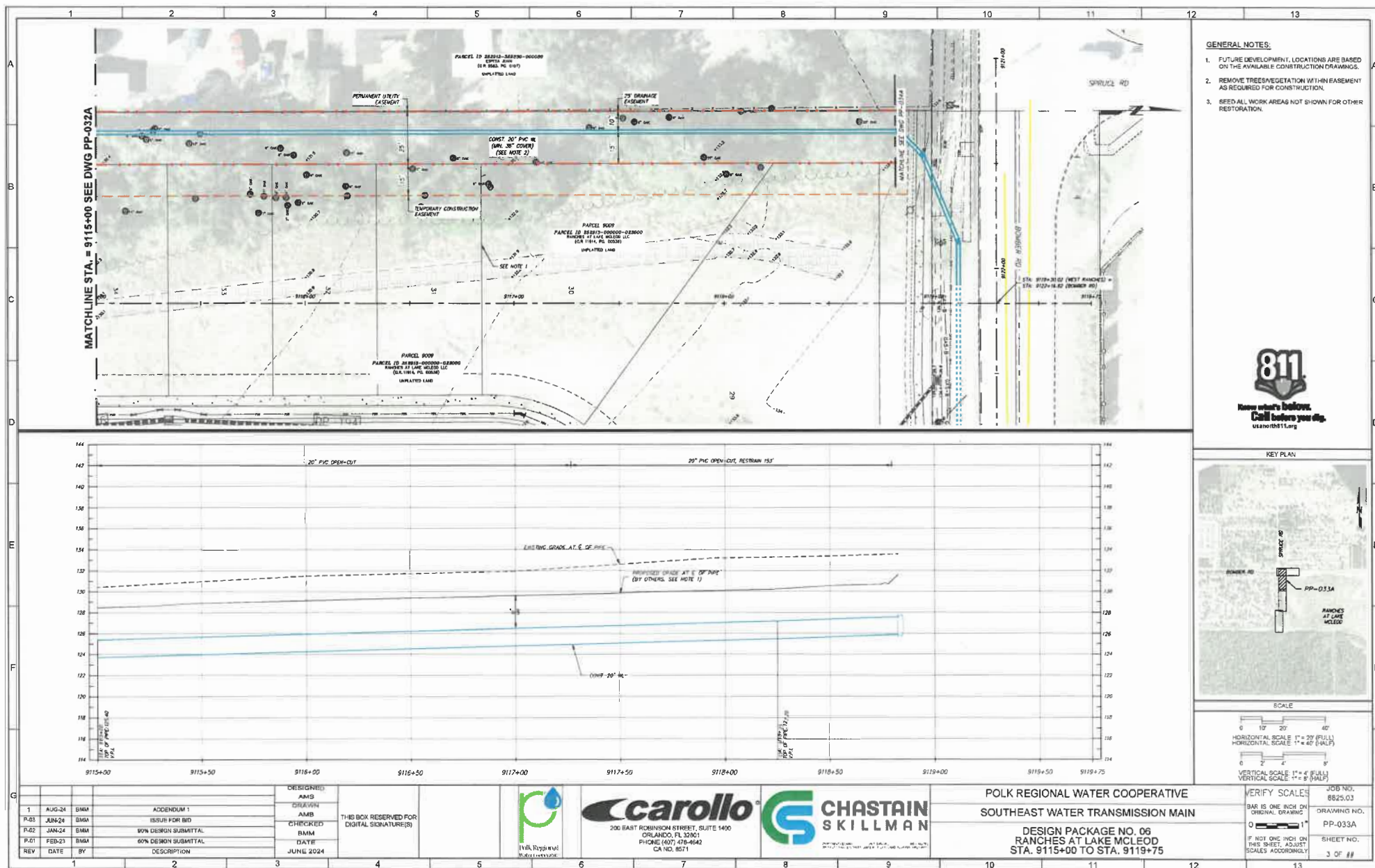
LIST OF PROPOSED FACILITIES:

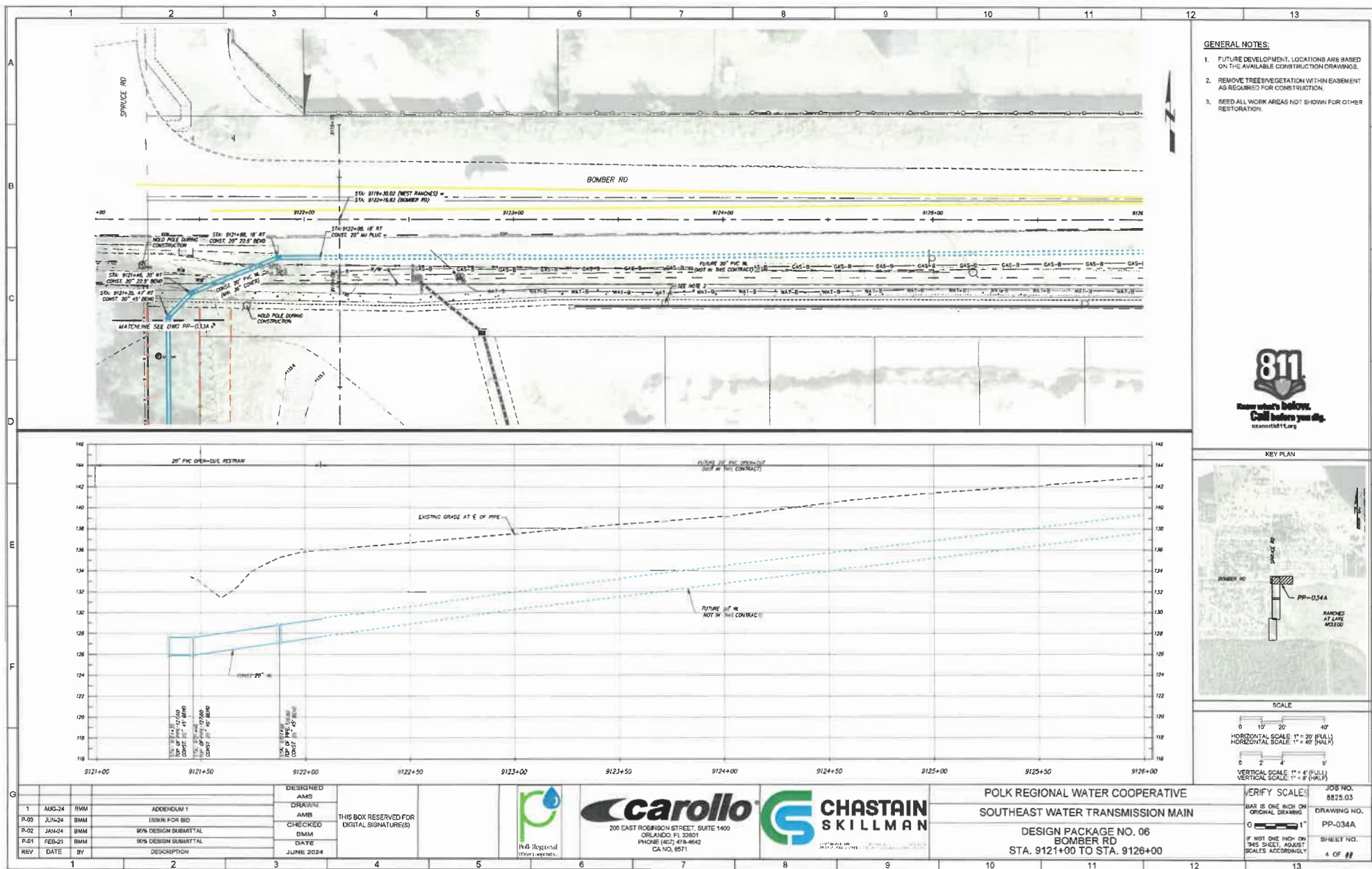
1. A 12" HDPE DR11 Water Line

EXHIBIT "B"











SETM PACKAGE 6

ADDENDUM #2

08/15/2024

Clarifications

1. Sheets PP-031A to PP-034A were added to the set. This work must be completed before the new development starts construction. Work in this area must be completed by the end of February 2025, pending easement acquisition. The Bid Sheet has been updated to include 20" PVC pipe and fittings in red. See attached.

SIGNATURE

PRINT NAME/TITLE

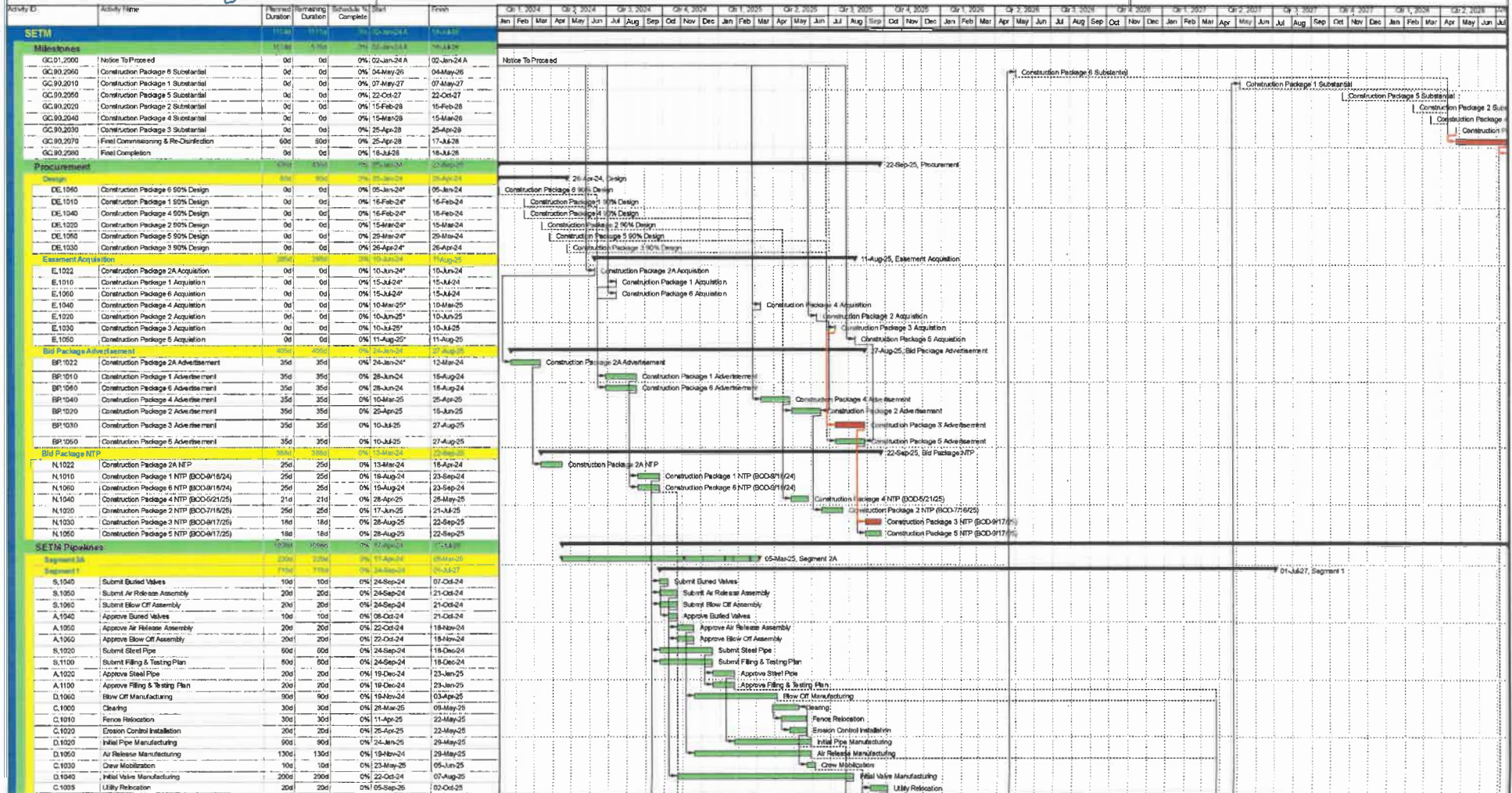
DATE

Section 7: Bid Package 1 & 6 – CMAR CPM Schedule

Please see the following pages for the CPM Schedule for Bid Packages 1 and 6. This is preliminary and based on the CMAR's overall project schedule. Project schedules from successful bidders will be requested and submitted following final subcontract negotiations.



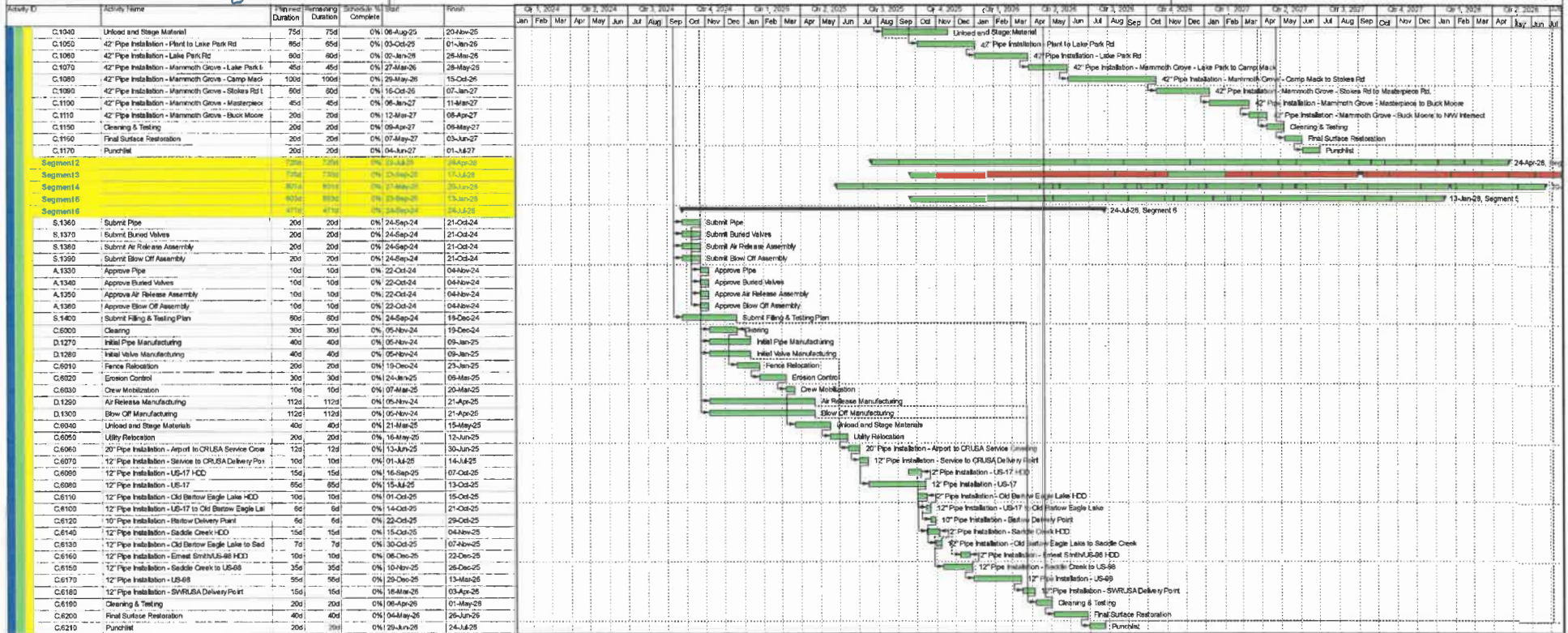
PRWC SETM



Actual Work Critical Remaining Work Summary
Remaining Work Milestone



PRWC SETM



Actual Work Critical Remaining Work Summary
Remaining Work Milestone