CITY OF LA MARQUE
CITY COUNCIL
SPECIAL AGENDA
of
February 3, 2025

Notice is hereby given that the City Council of the City of La Marque, Texas will conduct a **Special Meeting** on **February 3, 2025**, beginning at **10:00 AM** in the **Council Chambers** at **1109-B Bayou Road La Marque, Texas as well as via videoconference hosted through Zoom (councilzoom.cityoflamarque.org)**. In accordance with Section 551.127(b) of the Texas Local Government Code the presiding officer and a quorum of the La Marque City Council intend to be and will be physically present at 1109-B Bayou Road, La Marque, Texas. This location will be open to the public and the meeting will be broadcast at this location, on Channel 16, and via YouTube (https://www.youtube.com/watch?v=L6G8ypjyEDo).

The Council will meet for the purpose of considering the following agenda:

1. CALL MEETING TO ORDER

2. ROLL CALL

3. INVOCATION AND PLEDGE OF ALLEGIANCE

4. CITIZENS PARTICIPATION
   LIMITED TO THREE MINUTES PER PERSON

   Comments from the public will be heard at this time. Any person with city-related business who has signed up may speak to Council (limited to three (3) minutes). If wishing to speak give the Mayor or presiding officer your full legal name and the item you wish to speak about. In compliance with Texas Open Meeting Act, the City may not deliberate on comments. Personal attacks will not be allowed, and personnel matters should be addressed to the City Manager during normal business hours. *Press *6 to mute or unmute if you are participating by telephone, press the unmute button if attending via zoom on a smartphone, tablet or computer, or stand if* attending in person, and the mayor will call on you in turn.

5. NEW BUSINESS
   Items presented to the Council for discussion and possible action:

   5.I. Interim City Manager
   Appointing an Interim City Manager - *Mayor*

5.II. City Manager
Establishing a procedure for conducting a City Manager search - *Mayor*

5.III. Change Order #6: Sanitary Sewer Rehabilitation
Authorizing Change Order #6 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $115,830.00 - *Public Works*

5.IV. Change Order #7: Sanitary Sewer Rehabilitation
Authorizing Change Order #7 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $38,200.00

5.V. Change Order #8: Sanitary Sewer Rehabilitation
Authorizing Change Order #8 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $382,873.75

6. EXECUTIVE SESSION
The City Council for the City of La Marque, Texas reserves the right to adjourn into executive session at any time during this meeting to discuss any of the matters listed above, as authorized by the Texas Government Code Section 551.071 (Consultation with Attorney), 551.072(Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), and 551.087 (Economic Development)

6.I. Section 551.074 (Personnel Matter)

7. ACTIONS TAKEN FROM EXECUTIVE SESSION

7.I. Section 551.074 (Personnel Matter)

8. REQUESTS AND ANNOUNCEMENTS

9. ADJOURNMENT

CERTIFICATION:

I hereby certify that the above notice of meeting was posted at 1109-B Bayou Road, La Marque, Texas by January 30th by 12:00 p.m.

_____
Kierra K. Nance, TRMC
City Clerk

CITY COUNCIL AGENDA FORM

Meeting Date: February 3, 2025 Agenda Item: 5.II.
Prepared by: Reviewed by:
Department: City Clerk

AGENDA ITEM DESCRIPTION:
Establishing a procedure for conducting a City Manager search - *Mayor*

STAFF BRIEFING:

HISTORY:

FISCAL IMPACT:

CITY COUNCIL AGENDA FORM

Meeting Date: February 3, 2025 Agenda Item: 5.III.
Prepared by: Shannon Breaux Reviewed by:
Department: Public Works

AGENDA ITEM DESCRIPTION:

Authorizing Change Order #6 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $115,830.00 - *Public Works*

STAFF BRIEFING:

- **Inspection Findings:** Pre-construction CCTV inspections revealed that the sewer system in Section 2 is structurally sound except for isolated Inflow & Infiltration (I&I) leaks.
- **Revised Scope:** Instead of lining entire pipe sections, the contractor recommends point repairs at specific leak locations to improve cost efficiency and system integrity.
- **Cost and Timeline Impact:** The change reduces unnecessary work, lowers costs, and accelerates project completion with minimal community disruption.

HISTORY:

- **Original Contract Scope:** Included full-length CIPP lining in Section 2 based on initial assessments.
- **New Findings:** Southern Trenchless Solutions, LLC conducted CCTV inspections, identifying specific leak points that can be addressed with targeted repairs rather than full rehabilitation.
- **Prior Change Orders:** This is the sixth change order for the project, with previous modifications addressing unforeseen conditions and necessary adjustments.
- Approval Recommendation: Based on engineering analysis, the recommended approach ensures the most effective use of funds while maintaining the structural integrity of the sewer system.

FISCAL IMPACT:

- **Total Cost Increase:** $115,830.00
- **Revised Contract Total:** $3,962,928.98
- **Cost Breakdown:**

    - 18" pipe repair – **$14,300.00**
    - 24" pipe repairs (2 locations) – **$37,180.00**
    - 30" pipe repairs (3 locations) – **$64,350.00**
- **Long-Term Benefits:**
    - Avoids unnecessary costs by focusing on targeted repairs.
    - Reduces future maintenance expenses.
    - Speeds up project completion, minimizing community disruption.

Change Order #6: Sanitary Sewer Rehabilitation

Project: Citywide Manhole Rehab, City of La Marque
Contractor: Southern Trenchless Solutions, LLC
Engineer: Adico, LLC
Contract Number: 22-083-003-D208
Revised Contract Price: $3,962,928.98
Cost Impact of Change Order #6: +$115,830.00

Reason for Change Order

- **Pre-Construction CCTV Inspections Findings:**
  - Initial plan included **Cured-In-Place Pipe (CIPP) lining** for entire pipe sections in Section 2.
  - Inspections revealed the **sanitary sewer system is structurally sound** except for isolated **Inflow & Infiltration (I&I) leaks**.
  - Full CIPP lining was **unnecessary**; instead, targeted point repairs were deemed **more effective**.

Justification for Change

1. **Cost Efficiency**
   - Full CIPP lining is **more expensive** than repairing only the identified leaks.
   - Point repairs focus resources **only on problem areas**, reducing overall expenses.
2. **Preservation of System Integrity**
   - Most of the sewer system **is in good condition** and does not need rehabilitation.
   - Avoids unnecessary disruptions and potential **unintended consequences** from full lining.
3. **Faster Project Completion**
   - Point repairs are **quicker** than lining full pipe sections.
   - **Minimizes disruptions** to the community and **keeps project on schedule**.

Scope of Change & Cost Breakdown

Instead of full pipe relining, the following **internal trenchless point repairs** will be made:

Pipe Size	Quantity	Unit Price	Total Cost
18" Pipe	1	$14,300.00	$14,300.00
24" Pipe	2	$18,590.00	$37,180.00
30" Pipe	3	$21,450.00	$64,350.00
Total	-	-	**$115,830.00**

Impact Analysis

- **Number of Beneficiaries:** No significant change.
- **Scope of Work:** Minor revision; **improves efficiency** without altering objectives.
- **Operation & Maintenance Costs:** Reduced long-term costs due to **targeted repairs** instead of unnecessary full rehabilitation.
- **Environmental Impact:** No new conditions requiring additional environmental assessment.
- **Regulatory Compliance:** All existing approvals, permits, and clearances **remain valid**.

Recommendation

- **Approval of Change Order #6** to ensure **cost-effective and timely** completion of the project.
- **Maintains project efficiency** while **preserving sewer infrastructure** and **minimizing community disruptions**.

ADICO
CONSULTING ENGINEERS

January 10, 2025

Grant Works, Inc.
2201 Northland Drive
Austin, TX 78756

Attn: Alex Sievers

Re: Texas General Land Office (GLO)
CLO Contract No. 22-083-003-D208
Letter of Justification for Change Order No. 6
Adico Project No. 20100-17

Mr. Sievers:

Adico, LLC provides the following justification for Change Order No. 6 for the subject project.

This change order was initiated by Southern Trenchless as a result of observations made during construction of the project.

Southern Trenchless, conducted CCTV inspections as part of the pre-construction assessment process in Section 2 of the project and found that it was not necessary to proceed with the original scope of work specified. The original scope called out for CIPP (Cured-In-Place Pipe) lining for the entire length of pipe segments to address potential structural deficiencies in Section 2.

The CCTV inspection revealed that the sanitary sewer system in Section 2 is in good structural condition and free of significant defects. However, the inspection identified specific locations within the pipe segments where I&I (Inflow & Infiltration) leaks were present. These leaks are isolated and do not warrant the extensive rehabilitation originally planned.

In lieu of performing CIPP lining on the entire pipe sections, it is proposed to perform targeted point repairs at the locations where I&I leaks were identified. This approach addresses the identified deficiencies while preserving the integrity of the remainder of the system, which was found to be in satisfactory condition.

Justification:

1. **Cost Efficiency:** Point repairs are significantly more cost-effective than lining the entire pipe sections. By focusing resources on the defective areas, substantial cost savings can be achieved without compromising the functionality of the system.
2. **System Integrity:** The CCTV inspection confirmed that the majority of the sewer system is in good condition. Undertaking unnecessary CIPP lining could disrupt areas that are currently performing well, potentially leading to unforeseen complications.
3. **Project Timeline:** Point repairs can be completed more quickly than full pipe lining, minimizing disruptions to the community and allowing the project to progress more efficiently.

The unit price used for these change order items are based on the pricing provided by the contractor within their backup documentation. The CCTV was required for pre-construction testing and not for maintenance purposes.

This change order will result in an increase in the contract price of $115,830.00. The revised contract price is $3,962,928.98.

We recommend approval of this change order.

Should you have any questions or require any additional information, please contact me.

Sincerely,
Adico, LLC

Samir Michael, P.E.
TBPE Firm No. 16423

cc: Keith Bell, Mayor

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

NOTE: Texas Local Government Code Sec. 262.031 "CHANGES IN PLANS AND SPECIFICATIONS" regulations apply. Generally, a cumulative increase in the contract price in excess of 25% or a cumulative decrease in excess of 18% are disallowed.

Subrecipient: City of La Marque | GLO Contract Number: 22-083-003-D208 | Date: 1/8/2025

Engineer Name Address & Phone Number:	Subrecipient Name, Address, & Phone Number:	Contractor Name, Address & Phone Number:
ADICO CONSULTING ENGINEERS 2114 EL DORADO BLVD, SUITE 400 FRIENDSWOOD, TX 77546 832-895-1093	KEITH BELL MAYOR 1111 BAYOU ROAD LA MARQUE, TX 77568 409-257-6259	SOUTHERN TRENCHLESS SOLUTIONS, LLC. 1200 W. EXPRESSWAY 83 LA FERIA, TEXAS 78559 956-277-0354

Project #: 20100-17 | Bid Package #: | Change Order #: 6

Contract Origination Date: 8/18/2023 | Project Description: Citywide Sanitary Sewer Rehabilitation Project

You are hereby requested to comply with the following changes from the contract plans and specifications.

Item No.	Description of Changes: Quantities, Units, Unit Prices, Change in Completion Schedule etc.	Decrease in Contract Price	Increase in Contract Price
	ITEM INCREASED:		
CO6-1	Internal Pipe Repair for 18" Polypropylene Pipe (Section 2)		$ 14,300.00
CO6-2	Internal Pipe Repair for 24" Polypropylene Pipe (Section 2)		$ 37,180.00
CO6-3	Internal Pipe Repair for 30" Polypropylene Pipe (Section 2)		$ 64,350.00

See sheet 2 to add additional entries

Change in Construction Contract Price		Change in Contract Time (Calendar Days)	
Original Contract Price:	$ 5,632,613.90	Original Contract Time in Days:	365
Cumulative Previous Change Order(s) Total:	$ (1,785,514.92)	Net Change from Previous Change Order(s) in Days	60
Contract Price Prior to this Change Order:	$ 3,847,098.98	Contract Time Prior to this Change Order in Days	425
Net Increase/Decrease of this Change Order:	$ 115,830.00	Net Increase/Decrease of this Change Order in Days:	0

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

Contract Price with All Approved Change Orders:	$ 3,962,928.98	Contract Time with All Approved Change Orders in Days:	425
Cumulative Percent Change in Contract Price (+/-)	-29.64%	Subrecipient Contract End Date:	3/15/2025
Construction Contract Start Date:	1/15/2024	Construction Contract End Date:	3/15/2025

Reimbursements of costs included in this change order are subject to review by GLO-CDR.

***This document may be executed prior to submission for GLO-CDR review, but all parties involved will be held responsible if the change order or amendment warranted as a result of this change order is not in compliance with CDBG or HUD Requiremements**

Subrecipient Signature	Engineer Signature	Contractor Signature
Keith Bell, Mayor	Samir Michael, Assistant PM	Ramon Closner Owner/CEO
Subrecipient Name and Title (Printed)	Engineer Name and Title (Printed)	Contractor Name and Title (Printed)
Subrecipient Signature	Engineer Signature	Contractor Signature

Justification for Change Order

1. Will this change order increase or decrease the number of beneficiaries?	~~Increase~~	~~Decrease~~	No Change
If there is a change, how many beneficiaries will be affected?	Total	LMI	
2. Effect of this change on the scope of work:	Increase	~~Decrease~~	No Change
3. Effect on operation and maintenance costs:	~~Increase~~	~~Decrease~~	No Change
4. Are all prices in the change order dependent upon unit prices found in the original bid?	Yes	~~No~~	

If "no", explain:

5. Has the change created new circumstances or environmental conditions which may affect the project's impact, such as concealed or unexpected conditions discovered during actual construction?	~~Yes~~	No

If "yes", is an environmental assessment required?

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

6. Is the Texas Council on Environmental Quality (TCEQ) clearance still valid (if applicable)?	Yes	~~No~~
7. Is the CCN permit still valid? (*sewer projects only*)	Yes	No
8. Are the disability access requirements/approval still valid (if applicable)?	Yes	~~No~~
9. Are other Disaster Recovery contractural special condition clearances still valid?	Yes	~~No~~

If "no", explain:

Disclaimer: *The Texas General Land Office has made every effort to ensure the information contained on this form is accurate and in compliance with the most up-to-date CDBG-DR and/or CDBG-MIT federal rules and regulations, as applicable. It should be noted that the Texas General Land Office assumes no liability or responsibility for any error or omission on this form that may result from the interim period between the publication of amended and/or revised federal rules and regulations and the Texas General Land Office's standard review and update schedule.*

PROJECT:	Citywide Manhole Rehab	**PROJECT NUMBER:**
OWNER:	City of La Marque	
CONTRACTOR:	Southern Trenchless Solutions, LLC	
ENGINEER:		

DESCRIPTION: INTERNAL TRENCHLESS POINT REPAIRS **NO.** 06

NOTIFICATION BY CONTRACTOR

The Contractor proposes to make the additions, modifications, or deletions to the Work described in the Contract Documents, as shown in Attachment "A" and requests that you take the following action:

- ☐ Notify us that you concur that this change does not require a change in Contract time or amount and issue a Field Order.
- ☐ Issue a Work Change Directive to authorize us to proceed with the described change with payment at the Contract unit prices.
- ☒ Issue a Work Change Directive to authorize us to proceed with the change as a time and materials as associated with the change.
- ☐ Issue a Work Change Directive or Change Order for performing the described change. Proposed change in Contract amount is indicated in the attached detailed cost breakdown of labor, materials, equipment and all other costs associated with this change. Impacts on Contract time are shown in the attached revised schedule.

By: Tom Tanner Date: 12/17/24

ENGINEER'S RESPONSE

- ☐ We concur that this change does not require a change in Contract time or amount. A Field Order will be issued.
- ☐ We concur that you proceed with the change with payment to be made at the Contract unit prices. A Work Change Directive will be issued.
- ☐ We concur that you proceed with the change under the time and materials provisions of the Contract Documents. A Work Change Directive will be issued.
- ☐ A Change Order will be issued based on the attached proposal.
- ☐ Additional information is required to evaluate this request. Provide information as described in the attached comments and resubmit.
- ☐ Contract Modification Request is not accepted.

By: _____ Date: _____

For Contractors Use:

- ☐ Field Order _____ issued.
- ☐ Change Order _____ issued.
- ☐ Work Change Directive _____issued.
- ☐ Contract Modification cancelled for the following reasons: _____

_____
_____
_____
___

Southern Trenchless has been requested to provide a Change Order for repairs to found I&I leaks at several pipe locations in lieu of CIPP lining the entire pipe sections. The following is a price to install internal pipe repairs:

18" – 1 EA @ $14,300.00 = $14,300.00
24" – 2 EA @ $18,590.00 = $37,180.00
30" – 3 EA @ $21,450.00 = $64,350.00
$115,830.00

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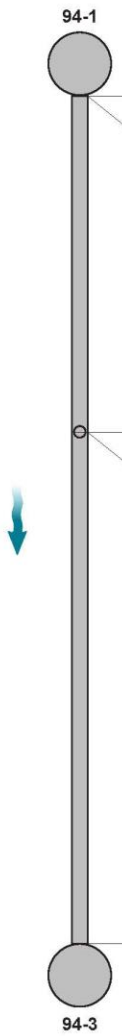
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
5/10/2024		Dry	HOMERO SANCHEZ	06-12795	94-1 - 94-3
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	1	Downstream		456.70	456.70

City:	LA MARQE	Drainage Area:		Upstream MH:	94-1
Street:	3202 MAIN ST	Media Label:	DVD	Up Rim to Invert:	12.00
Location Code:		Flow Control:	Not Controlled	Downstream MH:	94-3
Location Details:		Sheet Number:	0	Down Rim to Invert:	
Pipe shape:	Circular	Sewer Use:	Sanitary Sewage Pipe	Total gallons used:	0.0
Pipe size:	18 "	Sewer Category:	SEC	Joints passed:	0
Pipe material:	Polypropylene	Purpose:	Maintenance Related	Joints failed:	0
Lining Method:		Owner:			

Additional Info:



1:3447	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 94-1	00:01:03		
	0.0	MWL	Water Level, 45% of the vertical dimension	00:01:16		
	181.3	IGC	Infiltration Gusher Connection at 12 o'clock		1, 2	M5
	181.3	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch	00:05:06	3, 4	M2
	456.7	AMH	Manhole / 94-3	00:11:55		

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5121	5121	0.0	7.0	7.0	0.0	3.5	3.5

La Marque_1 // Page: 1

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Section Pictures - 5/10/2024 - 94-1 - 94-3

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	3202 MAIN ST	5/10/2024	94-1 - 94-3	9

1, , 181.30ft
Infiltration Gusher Connection at 12 o'clock

2, , 181.30ft
Infiltration Gusher Connection at 12 o'clock

3, 00:05:06, 181.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

4, 00:05:06, 181.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

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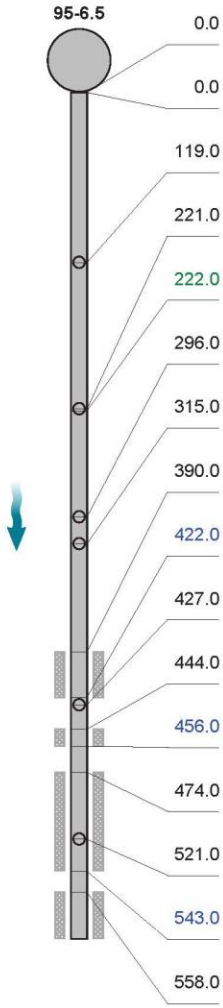
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
9/26/2024		Dry	HOMERO SANCHEZ	06-12795	95-6.5 - 95-21
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	Heavy Cleaning	Downstream		736.00	736.00

City:	LA MARQUE	Drainage Area:		Upstream MH:	95-6.5
Street:	2202 CLARK DR	Media Label:	DVD	Up Rim to Invert:	14.40
Location Code:		Flow Control:	Not Controlled	Downstream MH:	95-21
Location Details:		Sheet Number:	0	Down Rim to Invert:	15.00
Pipe shape:	Circular	Sewer Use:	Sanitary Sewage Pipe	Total gallons used:	0.0
Pipe size:	24 "	Sewer Category:	SEC	Joints passed:	0
Pipe material:	Other	Purpose:		Joints failed:	0
Lining Method:	Cured in Place	Owner:			

Additional Info:



1:4457	Distance		Code	Observation	Counter	Photo	Grade
	0.0		AMH	Manhole / 95-6.5			
	0.0		MWL	Water Level, 10% of the vertical dimension			
	119.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch		1, 2	M2
	221.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch		3, 4	M2
	222.0		IGB	Infiltration Gusher Barrel from 10 o'clock to 11 o'clock		5	M5
	296.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch		6, 7	M2
	315.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch		8, 9	M2
	390.0	S01	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start		10, 11	
	422.0	F01	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Finish		12	S2
	427.0		TRA	Tap Rehabilitated Activity at 12 o'clock, dia/height: 4inch		13	
	444.0	S02	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start		14	
	456.0	F02	MWLS	Miscellaneous Water Level, Sag, 20% of the vertical dimension, Finish		15	S2
	474.0	S03	MWLS	Miscellaneous Water Level, Sag, 30% of the vertical dimension, Start		16, 17	
	521.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch		18, 19	M2
	543.0	F03	MWLS	Miscellaneous Water Level, Sag, 30% of the vertical dimension, Finish		20	S2
	558.0	S04	MWLS	Miscellaneous Water Level, Sag, 50% of the vertical dimension, Start		21, 22	

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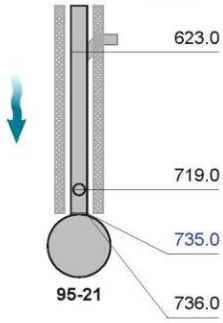
Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
9/26/2024		Dry	HOMERO SANCHEZ	06-12795	95-6.5 - 95-21
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	Heavy Cleaning	Downstream		736.00	736.00

1:4457



Distance		Code	Observation	Counter	Photo	Grade
623.0		TRI	Tap Rehabilitated Intruding at 11 o'clock, dia/height: 4inch, intruding: 1inch		23, 24	M2
719.0		TRI	Tap Rehabilitated Intruding at 12 o'clock, dia/height: 5inch, intruding: 1inch		25, 26	M2
735.0	F04	MWLS	Miscellaneous Water Level, Sag, 50% of the vertical dimension, Finish			S3
736.0		AMH	Manhole / 95-21			

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3F2C	5127	513F	149.0	19.0	168.0	2.6	2.4	2.6

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Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

1, , 119.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

2, , 119.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

3, , 221.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

4, , 221.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

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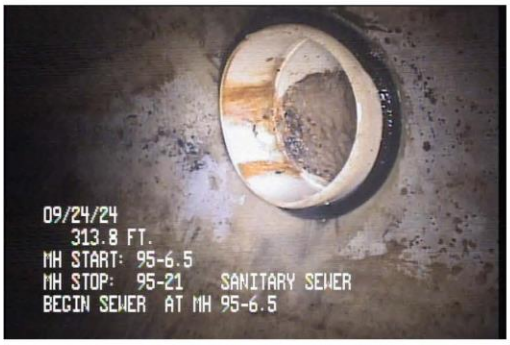
Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

5, , 222.00ft
Infiltration Gusher Barrel from 10 o'clock to 11 o'clock

6, , 296.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

7, , 296.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch



8, , 315.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

WinCan

Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

9, , 315.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

10, , 390.00ft
Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start

11, , 390.00ft
Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start

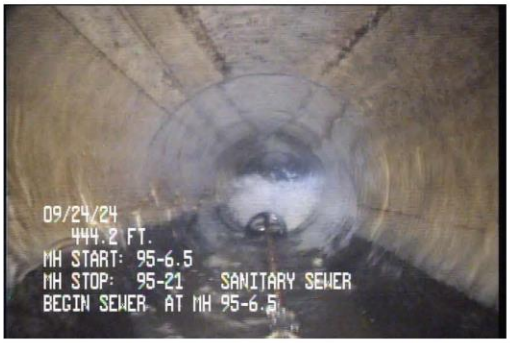
12, , 422.00ft
Miscellaneous Water Level, Sag, 20% of the vertical dimension, Finish

WinCan

Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

13, , 427.00ft
Tap Rehabilitated Activity at 12 o'clock, dia/height: 4inch



14, , 444.00ft
Miscellaneous Water Level, Sag, 20% of the vertical dimension, Start

15, , 456.00ft
Miscellaneous Water Level, Sag, 20% of the vertical dimension, Finish

16, , 474.00ft
Miscellaneous Water Level, Sag, 30% of the vertical dimension, Start

WinCan

Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

17, , 474.00ft
Miscellaneous Water Level, Sag, 30% of the vertical dimension, Start

18, , 521.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

19, , 521.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

20, , 543.00ft
Miscellaneous Water Level, Sag, 30% of the vertical dimension, Finish

WinCan

Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15

21, , 558.00ft
Miscellaneous Water Level, Sag, 50% of the vertical dimension, Start

22, , 558.00ft
Miscellaneous Water Level, Sag, 50% of the vertical dimension, Start

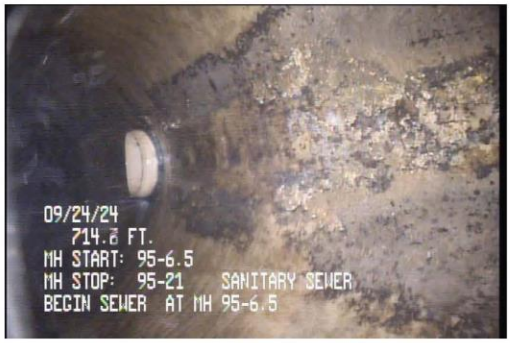
23, , 623.00ft
Tap Rehabilitated Intruding at 11 o'clock, dia/height: 4inch, intruding: 1inch

24, , 623.00ft
Tap Rehabilitated Intruding at 11 o'clock, dia/height: 4inch, intruding: 1inch

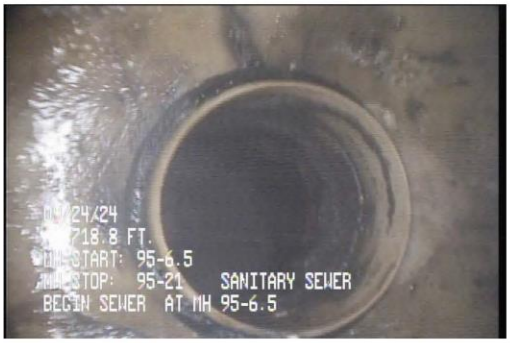
WinCan

Section Pictures - 9/26/2024 - 95-6.5 - 95-21

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	2202 CLARK DR	9/26/2024	95-6.5 - 95-21	15



25, , 719.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 5inch, intruding: 1inch



26, , 719.00ft
Tap Rehabilitated Intruding at 12 o'clock, dia/height: 5inch, intruding: 1inch

WinCan

Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
5/15/2024		Dry	HOMERO SANCHEZ	06-12795	95-21 - 95-21.5
Year laid:	**Pre-cleaning:**	**Direction:**	**Pipe Joint Length:**	**Total Length:**	**Length Surveyed:**
	1	Downstream		433.00	433.00

City:	LA MARQE	Drainage Area:		Upstream MH:	95-21
Street:	2224 CLARK DR	Media Label:	DVD	Up Rim to Invert:	11.00
Location Code:		Flow Control:	Not Controlled	Downstream MH:	95-21.5
Location Details:		Sheet Number:	0	Down Rim to Invert:	11.00
Pipe shape:	Circular	Sewer Use:	Sanitary Sewage Pipe	Total gallons used:	0.0
Pipe size:	30 "	Sewer Category:	SEC	Joints passed:	0
Pipe material:	Other	Purpose:	Maintenance Related	Joints failed:	0
Lining Method:	CP	Owner:			

Additional Info:

Distance	Code	Observation	Counter	Photo	Grade
0.0	AMH	Manhole / 95-21	00:00:34		
0.0	MWL	Water Level, 50% of the vertical dimension	00:00:47		
78.2	TFA	Tap Factory Made Active at 12 o'clock, 4.000inch dim	00:03:28	1	
124.0	TFA	Tap Factory Made Active at 12 o'clock, 4.000inch dim	00:04:40	2	
173.7	IGC	Infiltration Gusher Connection at 12 o'clock		3, 4	M5
173.7	TFA	Tap Factory Activity at 12 o'clock, dia/height: 4inch	00:06:06	5	
200.9	LD	Alignment Down, 20% changed	00:07:15	6	M2
279.2	IGC	Infiltration Gusher Connection at 12 o'clock		7	M5
279.2	TFA	Tap Factory Activity at 12 o'clock, dia/height: 4inch	00:09:11	8	
374.5	IGJ	Infiltration Gusher Joint from 11 o'clock to 4 o'clock, within 8 inch		9, 10	M5
374.5	TFA	Tap Factory Activity at 1 o'clock, dia/height: 4inch	00:12:24	11	
429.0	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 2inch	00:14:34	12, 13	M2
433.0	AMH	Manhole / 95-21.5	00:18:06		

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5322	5322	0.0	19.0	19.0	0.0	3.8	3.8

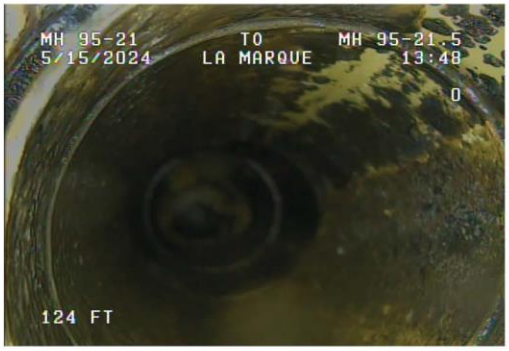
La Marque_1 // Page: 1

WinCan

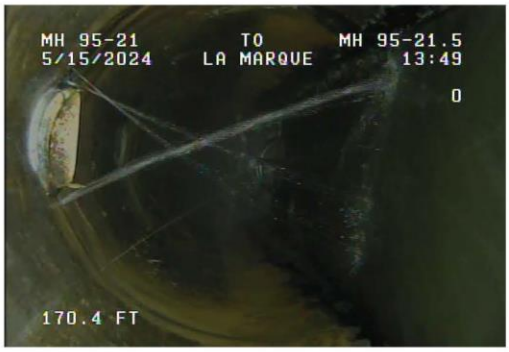
Section Pictures - 5/15/2024 - 95-21 - 95-21.5

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2224 CLARK DR	5/15/2024	95-21 - 95-21.5	12

1, 00:03:28, 78.20ft
Tap Factory Made Active at 12 o'clock, 4.000inch dim



2, 00:04:40, 124.00ft
Tap Factory Made Active at 12 o'clock, 4.000inch dim



3, , 173.70ft
Infiltration Gusher Connection at 12 o'clock

4, , 173.70ft
Infiltration Gusher Connection at 12 o'clock

WinCan

Section Pictures - 5/15/2024 - 95-21 - 95-21.5

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2224 CLARK DR	5/15/2024	95-21 - 95-21.5	12

5, 00:06:06, 173.70ft
Tap Factory Activity at 12 o'clock, dia/height: 4inch

6, 00:07:15, 200.90ft
Alignment Down, 20% changed

7, , 279.20ft
Infiltration Gusher Connection at 12 o'clock

8, 00:09:11, 279.20ft
Tap Factory Activity at 12 o'clock, dia/height: 4inch

WinCan

Section Pictures - 5/15/2024 - 95-21 - 95-21.5

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2224 CLARK DR	5/15/2024	95-21 - 95-21.5	12

9, , 374.50ft
Infiltration Gusher Joint from 11 o'clock to 4 o'clock, within 8 inch

10, , 374.50ft
Infiltration Gusher Joint from 11 o'clock to 4 o'clock, within 8 inch

11, 00:12:24, 374.50ft
Tap Factory Activity at 1 o'clock, dia/height: 4inch

12, 00:14:34, 429.00ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 2inch

WinCan

Section Pictures - 5/15/2024 - 95-21 - 95-21.5

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2224 CLARK DR	5/15/2024	95-21 - 95-21.5	12

13, 00:14:34, 429.00ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 2inch

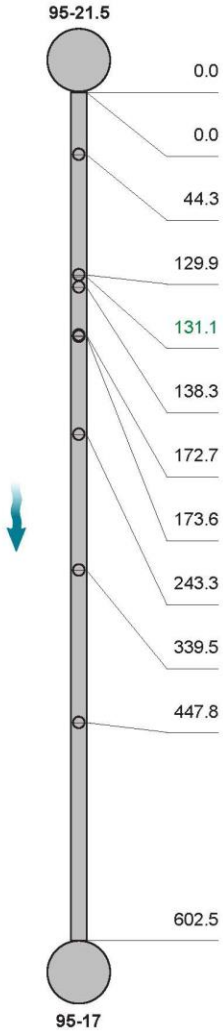
WinCan

Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
5/16/2024		Dry	HOMERO SANCHEZ	06-12795	95-21.5 - 95-17
Year laid:	**Pre-cleaning:**	**Direction:**	**Pipe Joint Length:**	**Total Length:**	**Length Surveyed:**
	1	Downstream		602.50	602.50

City:	LA MARQE	Drainage Area:		Upstream MH:	95-21.5
Street:	2310 CLARK DR	Media Label:	DVD	Up Rim to Invert:	11.00
Location Code:		Flow Control:	Not Controlled	Downstream MH:	95-17
Location Details:		Sheet Number:	0	Down Rim to Invert:	16.60
Pipe shape:	Circular	Sewer Use:	Sanitary Sewage Pipe	Total gallons used:	0.0
Pipe size:	24 "	Sewer Category:	SEC	Joints passed:	0
Pipe material:	Other	Purpose:	Maintenance Related	Joints failed:	0
Lining Method:	CP	Owner:			

Additional Info:



Distance	Code	Observation	Counter	Photo	Grade
0.0	AMH	Manhole / 95-21.5	00:00:46		
0.0	MWL	Water Level, 45% of the vertical dimension	00:00:59		
44.3	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch	00:03:56	1, 2	M2
129.9	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch	00:05:48	3, 4	M2
131.1	IGB	Infiltration Gusher Barrel at 12 o'clock	00:06:33	5, 6	M5
138.3	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch	00:07:04	7, 8	M2
172.7	TFA	Tap Factory Made Active at 12 o'clock, 4.000inch dim	00:08:18	9	
173.6	TFA	Tap Factory Made Active at 12 o'clock, 4.000inch dim	00:08:46	10	
243.3	TFA	Tap Factory Made Active at 12 o'clock, 4.000inch dim	00:12:22	11	
339.5	TFC	Tap Factory Made Capped at 12 o'clock, 4.000inch dim	00:16:44	12	
447.8	TFI	Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch	00:19:58	13, 14	M2
602.5	AMH	Manhole / 95-17	00:23:57		

QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	5124	5124	0.0	13.0	13.0	0.0	2.6	2.6

La Marque_1 // Page: 1

WinCan

Section Pictures - 5/16/2024 - 95-21.5 - 95-17

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2310 CLARK DR	5/16/2024	95-21.5 - 95-17	11

1, 00:03:56, 44.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

2, 00:03:56, 44.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

3, 00:05:48, 129.90ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

4, 00:05:48, 129.90ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

WinCan

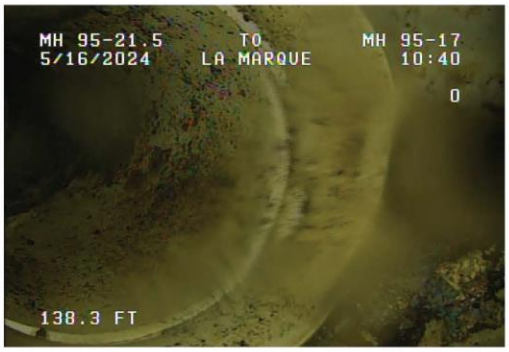
Section Pictures - 5/16/2024 - 95-21.5 - 95-17

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2310 CLARK DR	5/16/2024	95-21.5 - 95-17	11

5, 00:06:33, 131.10ft
Infiltration Gusher Barrel at 12 o'clock

6, 00:06:33, 131.10ft
Infiltration Gusher Barrel at 12 o'clock

7, 00:07:04, 138.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch



8, 00:07:04, 138.30ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

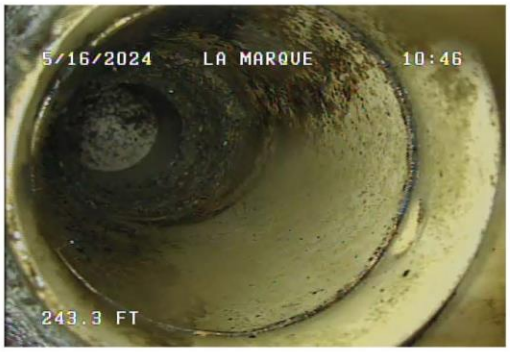
WinCan

Section Pictures - 5/16/2024 - 95-21.5 - 95-17

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2310 CLARK DR	5/16/2024	95-21.5 - 95-17	11

9, 00:08:18, 172.70ft
Tap Factory Made Active at 12 o'clock, 4.000inch dim

10, 00:08:46, 173.60ft
Tap Factory Made Active at 12 o'clock, 4.000inch dim



11, 00:12:22, 243.30ft
Tap Factory Made Active at 12 o'clock, 4.000inch dim

12, 00:16:44, 339.50ft
Tap Factory Made Capped at 12 o'clock, 4.000inch dim

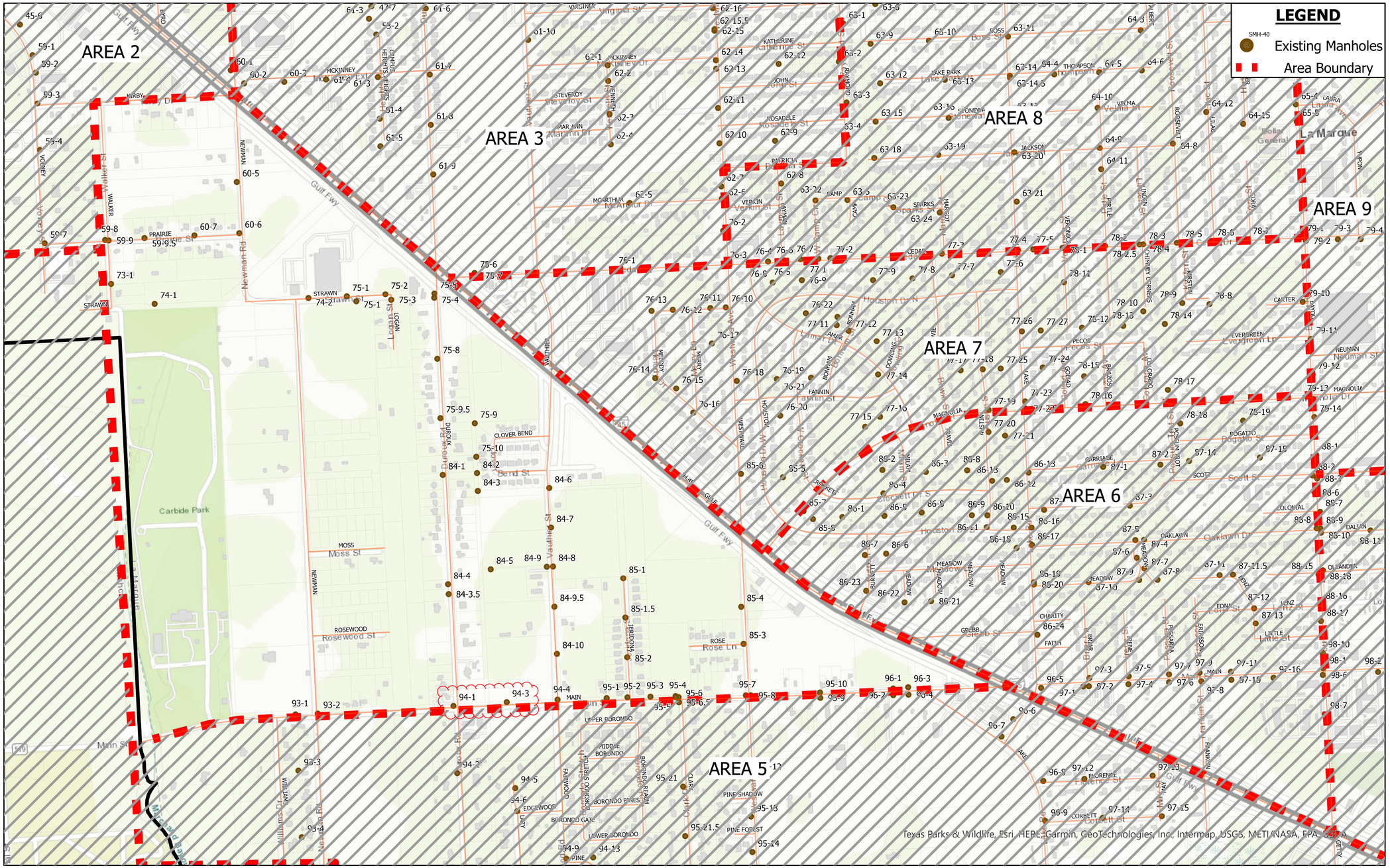
WinCan

Section Pictures - 5/16/2024 - 95-21.5 - 95-17

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQE	2310 CLARK DR	5/16/2024	95-21.5 - 95-17	11

13, 00:19:58, 447.80ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch

14, 00:19:58, 447.80ft
Tap Factory Made Intruding at 12 o'clock, dia/height: 4inch, intruding: 1inch



CIVIL ENGINEER:

ADICO
CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093
WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

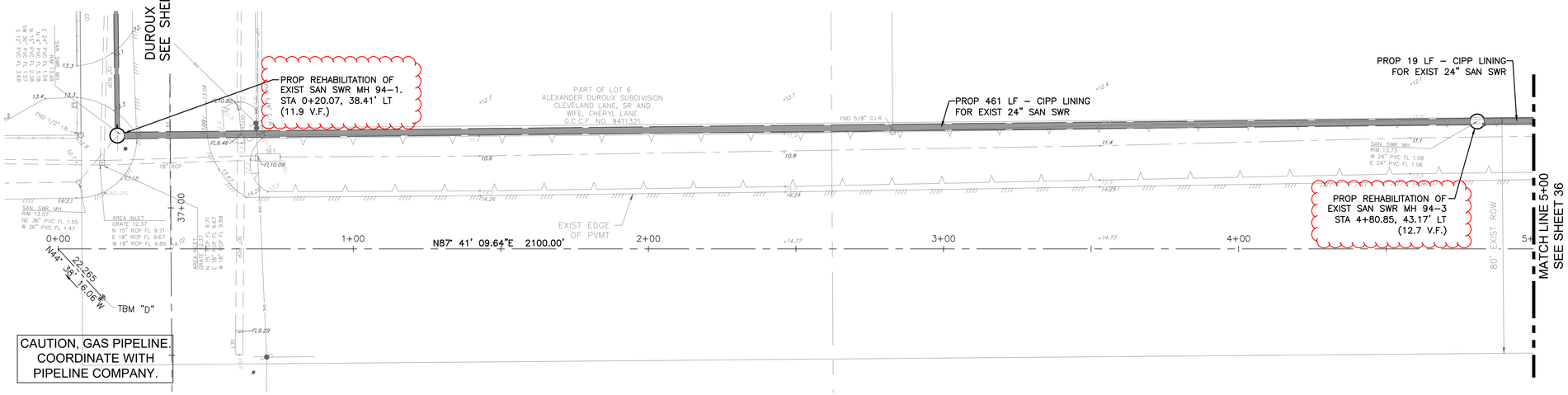
PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

MANHOLE REHABILITATION AREA 4

ALLC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: N/A
VERT: N/A
DATE PLOTTED:
Jun 30,2023 - 11:42am

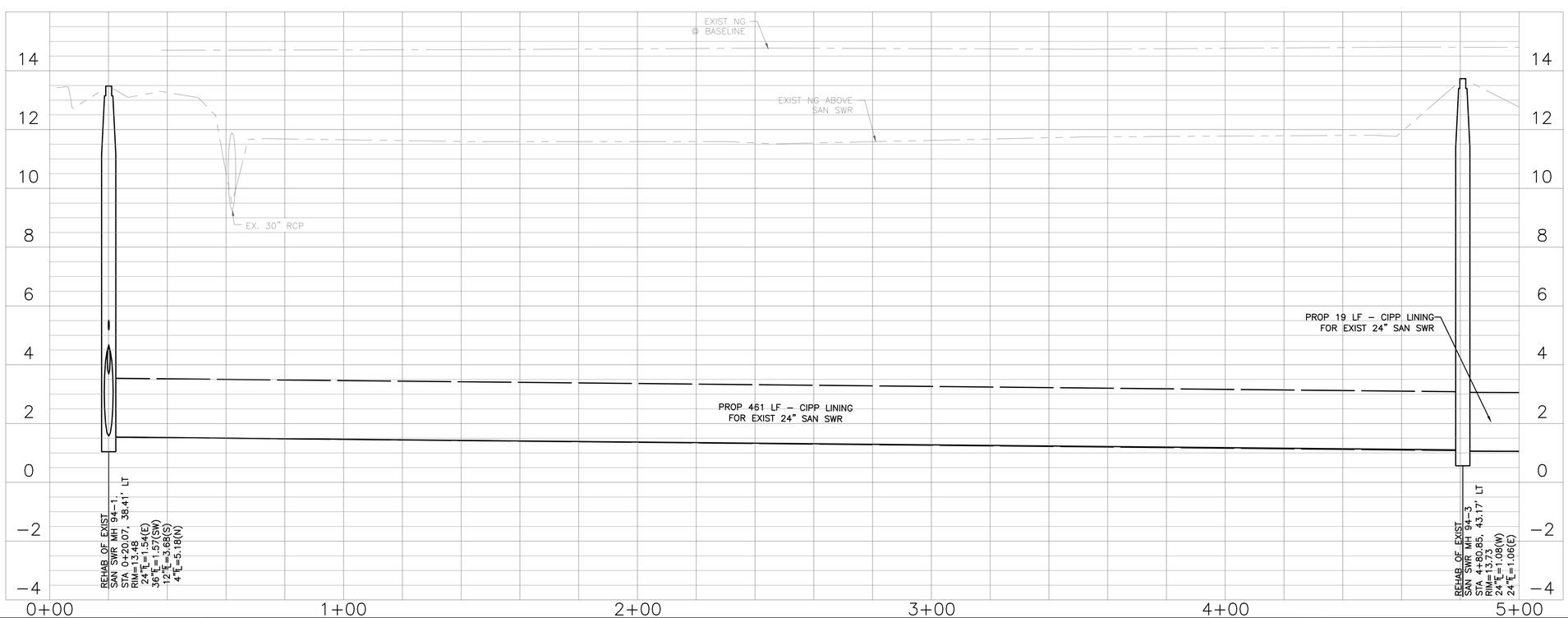
SHEET NO.
63 OF 95

C:\Users\mgomez\Adico Dropbox\ADICO\ALLC\18100 - LA MARQUE\20100-17 San. Swr. & Manhole Assessment\6 - Drawings\CAD\SHEETS\63 SUB-AREA NO. 4.dwg Jun 30,2023-11:42am mgomez



SCALE: 1"=20'-0"

FM 519
STA 0+00 TO 5+00



CIVIL ENGINEER:

ADICO CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093 WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER
REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

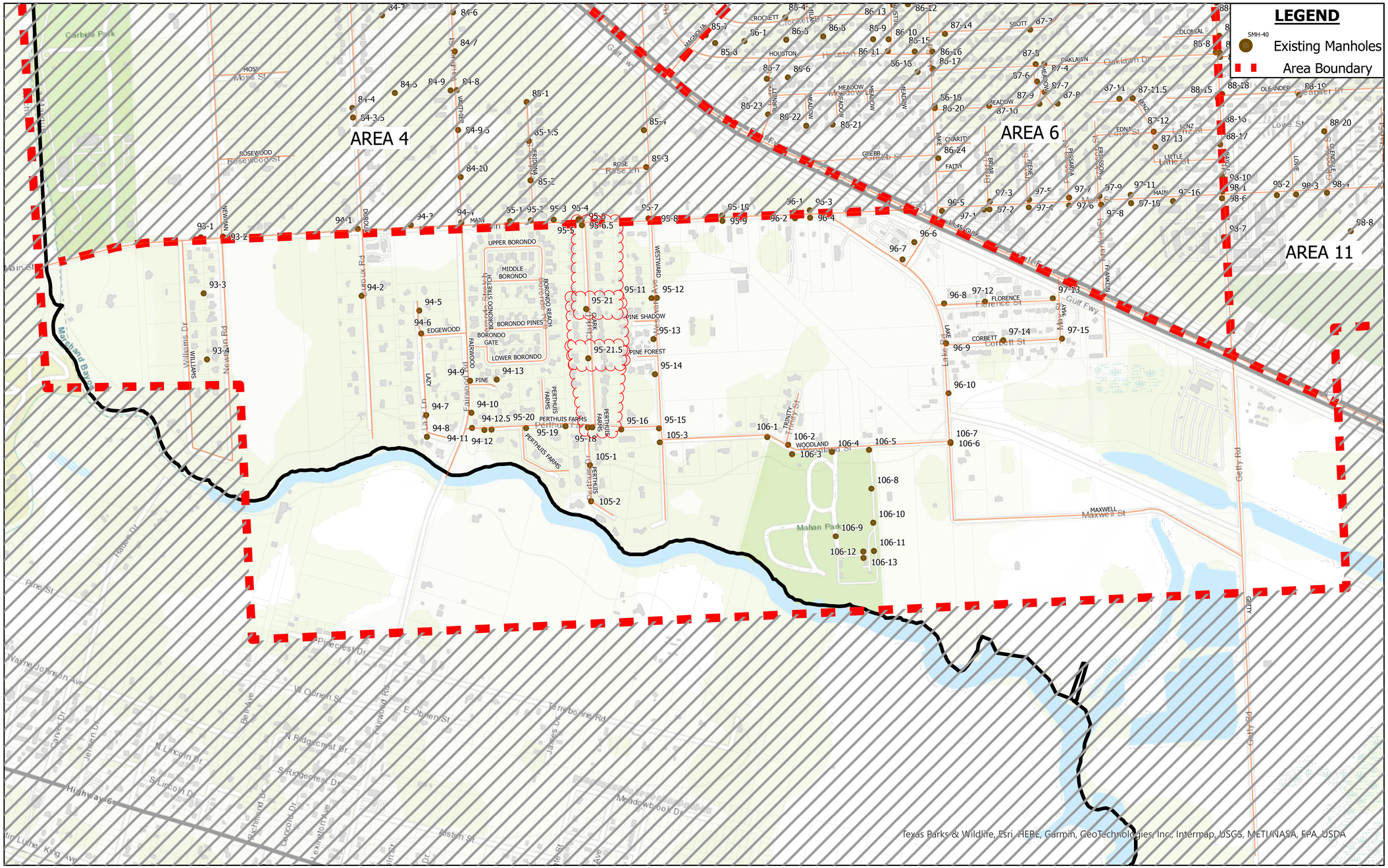
PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

CIPP SECTION 2
FM 519
STA 0+00 TO 5+00

ALLC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: 1" = 20'
VERT: 1" = 2'
DATE PLOTTED:
Jun 23,2023 - 9:33am

SHEET NO.
35 OF 95

C:\Users\ariana\adico dropbox\ADICO\ALLC\18100 - la marque\20100-17 san. swr. & manhole assessment\6 - drawings\CAD\SHEETS\35 FM 519 STA 0+00 TO 5+00.dwg Jun 23,2023-9:33am ariana



CIVIL ENGINEER:

ADICO CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093
WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

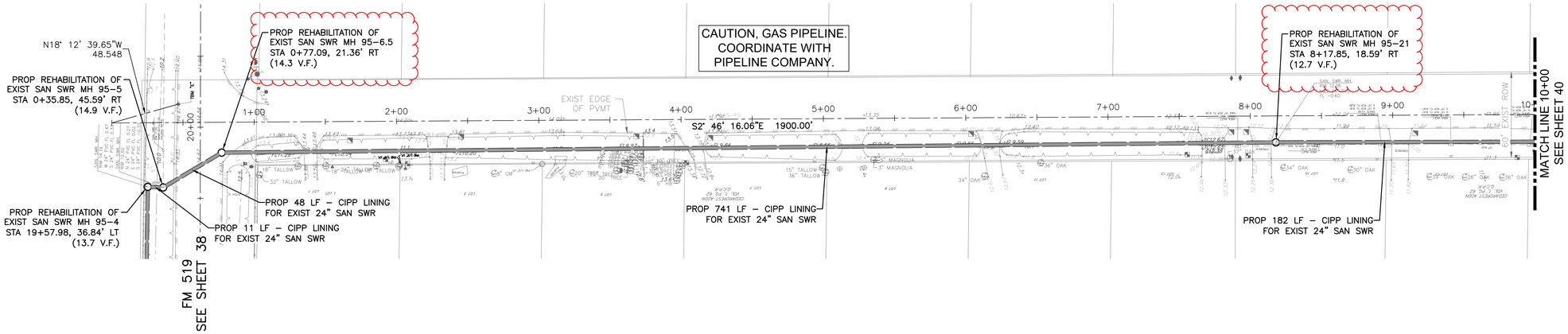
PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

MANHOLE REHABILITATION AREA 5

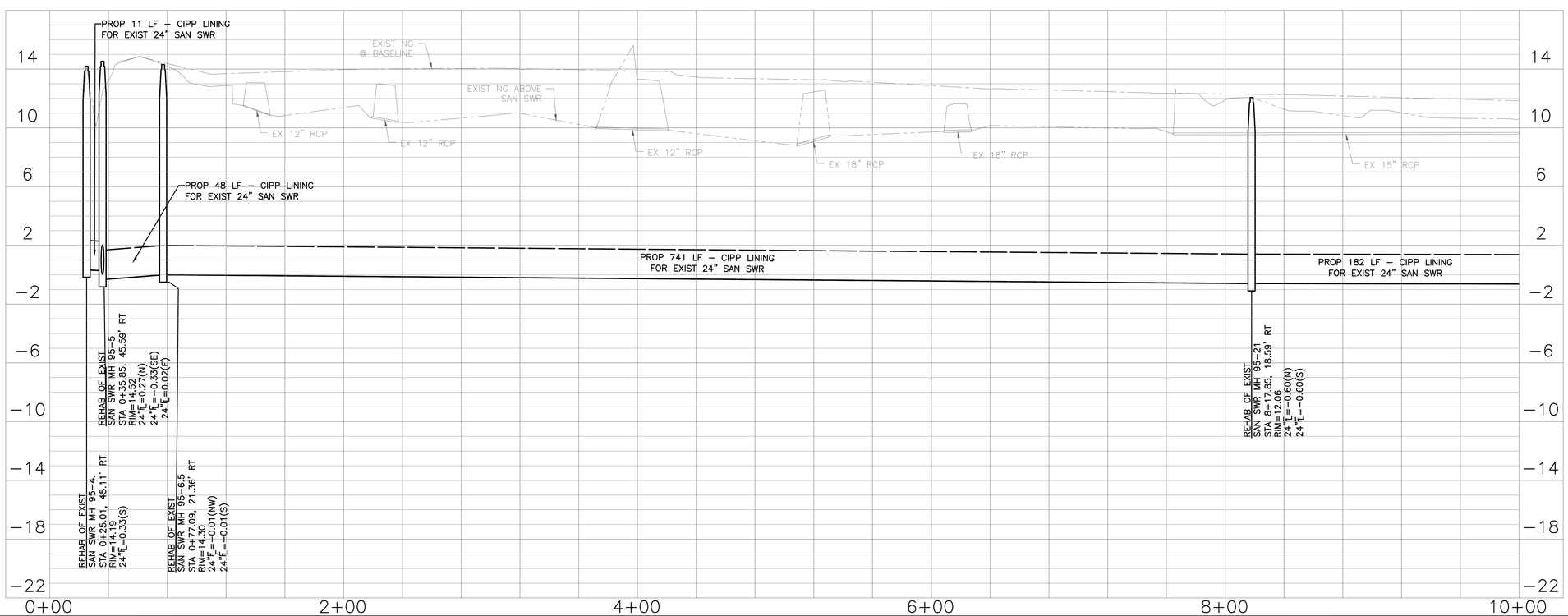
ALC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: N/A
VERT: N/A
DATE PLOTTED:
Jun 30,2023 - 11:43am

SHEET NO.
64 OF 95

C:\Users\mgomez\Adico Dropbox\ADICO\ALLC\18100 - LA MARQUE\20100-17 San. Swr. & Manhole Assessment\6 - Drawings\CAD\SHEETS\64 SUB-AREA NO. 5.dwg Jun 30,2023-11:43am mgomez



CLARK DRIVE
STA 0+00 TO 10+00



SCALE: 1"=40'-0"

CIVIL ENGINEER:

ADICO CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093 WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

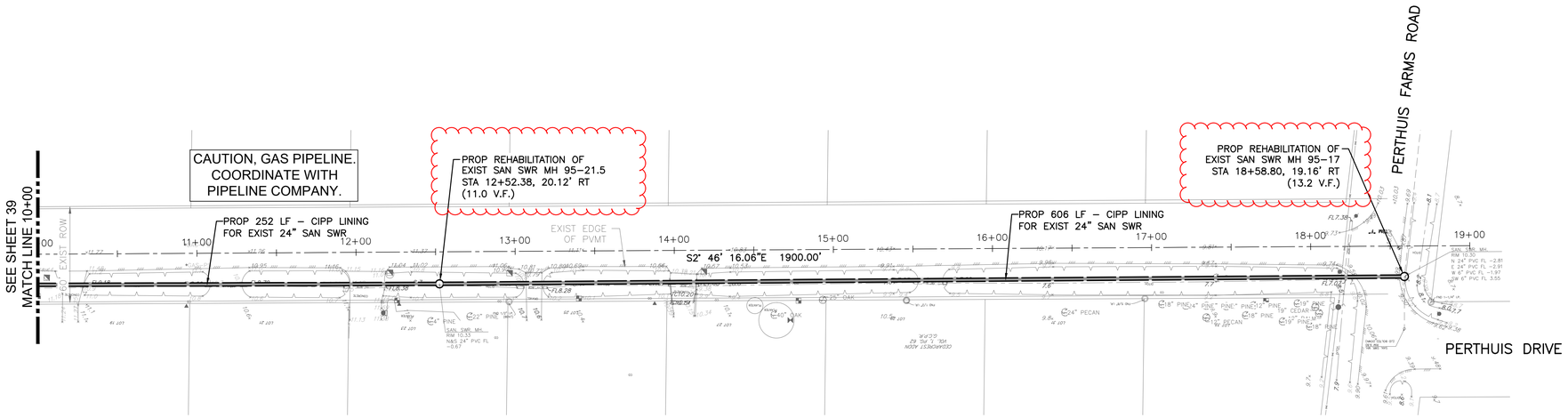
PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

CIPP SECTION 2
CLARK DRIVE
STA 0+00 TO 10+00

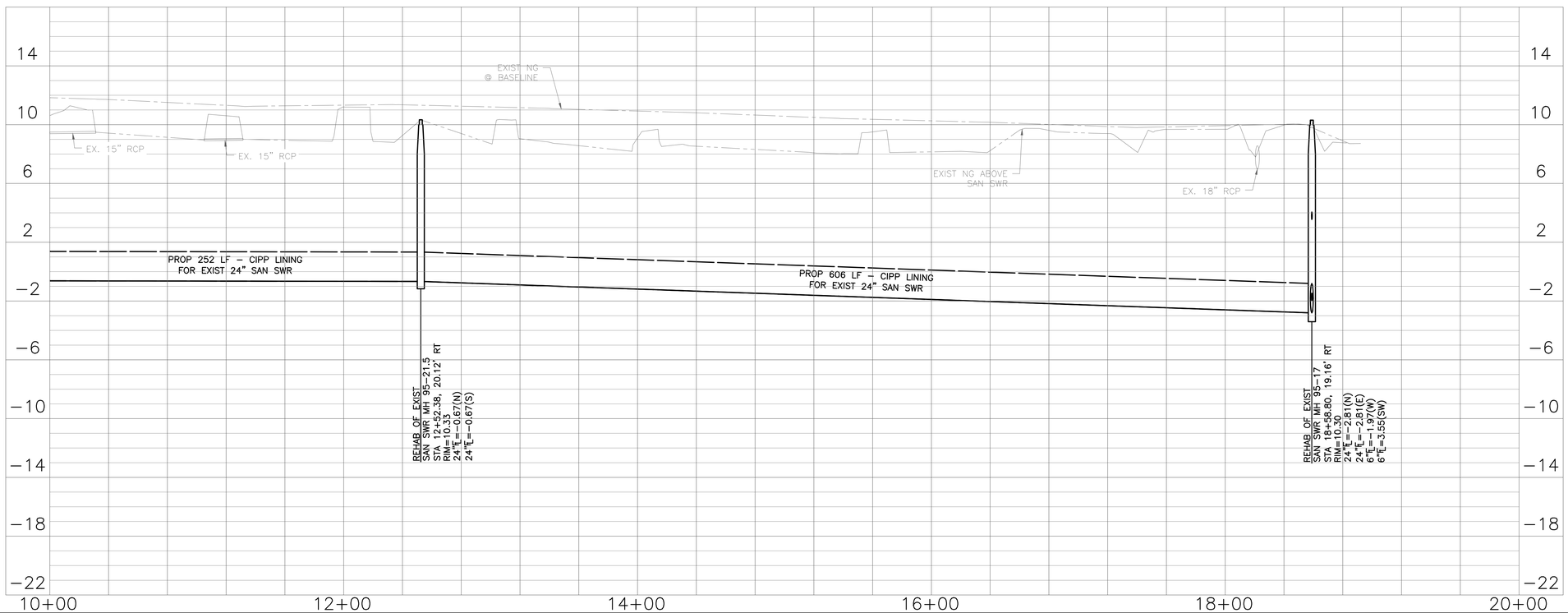
ALLC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: 1" = 40'
VERT: 1" = 4'
DATE PLOTTED:
Jun 23.2023 - 9:34am

SHEET NO.
39 OF 95

C:\Users\ariana\adico dropbox\ADICO\ALLC\18100 - la marque\20100-17 san. swr. & manhole assessment\6 - drawings\CAD\SHEETS\39 CLARK DR STA 0+00 TO 10+00.dwg Jun 23,2023-9:34am ariana



CLARK DRIVE
STA 10+00 TO 19+00



CIVIL ENGINEER:

ADICO CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093 WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

CIPP SECTION 2
CLARK DRIVE
10+00 TO 19+00

ALLC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: 1" = 40'
VERT: 1" = 4'
DATE PLOTTED:
Jun 30,2023 - 8:28am

SHEET NO.
40 OF 96

C:\Users\mgomez\Adico Dropbox\ADICO\ALLC\18100 – LA MARQUE\20100-17 San. Swr. & Manhole Assessment\6 – Drawings\CAD\SHEETS\40 CLARK DR 10+00 TO 19+00.dwg Jun 30,2023-8:28am mgomez

CITY COUNCIL AGENDA FORM

Meeting Date: February 3, 2025 Agenda Item: 5.IV.
Prepared by: Shannon Breaux Reviewed by:
Department: Public Works

AGENDA ITEM DESCRIPTION:

Authorizing Change Order #7 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $38,200.00

STAFF BRIEFING:

- **Issue Identified:** During construction near Manhole 75-4, the contractor observed that a boot coupler had disconnected, leading to a pipe offset requiring immediate correction.
- **Revised Approach:** Instead of lining the entire pipe section, the contractor recommends targeted external pipe repairs and manhole rehabilitation to address the issue efficiently.
- **Cost and Timeline Impact:** This approach reduces unnecessary work, lowers costs, and accelerates project completion with minimal community disruption.

HISTORY:

- **Original Contract Scope:** Included CIPP lining for the affected pipe sections based on prior assessments.
- **New Findings:** During construction, a pipe offset due to a disconnected boot coupler was identified, requiring a more effective repair approach.
- **Prior Change Orders:** This is the seventh change order for the project, with previous modifications addressing unforeseen conditions and necessary adjustments.
- **Approval Recommendation:** Engineering analysis supports this approach as the most efficient and cost-effective solution.

FISCAL IMPACT:

- **Total Cost Increase:** $38,200.00
- **Revised Contract Total:** $4,001,128.98
- **Cost Breakdown:**
    - **15"-18" Open-Cut Point Repair (8'-12' deep):** $18,000.00

    - **Manhole Rehabilitation (13' FRP Insert):** $17,000.00
    - **New Manhole Lid with Inflow Protector:** $3,200.00
- **Long-Term Benefits:**
    - Prevents further infrastructure deterioration.
    - Reduces long-term maintenance costs.
    - Improves system reliability while avoiding unnecessary expenditures.

ADICO
CONSULTING ENGINEERS

January 10, 2025

Grant Works, Inc.
2201 Northland Drive
Austin, TX 78756

Attn: Alex Sievers

Re: Texas General Land Office (GLO)
CLO Contract No. 22-083-003-D208
Letter of Justification for Change Order No. 7
Adico Project No. 20100-17

Mr. Sievers:

Adico, LLC provides the following justification for Change Order No. 7 for the subject project.

This change order was initiated as a result of conditions encountered during the construction phase. Southern Trenchless conducted an assessment of the existing sewer system near Manhole 75-4 and observed that the boot coupler at pipe locations adjacent to this manhole had disconnected, resulting in a pipe offset.

In lieu of performing CIPP (Cured-In-Place Pipe) lining on the entire pipe sections, it is proposed to address the issue through targeted external pipe repairs and manhole rehabilitation. This approach focuses on the specific deficiencies identified while maintaining the integrity of the surrounding infrastructure.

Justification:

- **Cost Efficiency:** The proposed targeted repair, including open-cut point repair and manhole rehabilitation, are significantly more cost-effective than lining the entire pipe sections. This approach minimizes unnecessary expenses while addressing the identified issues comprehensively.
- **System Integrity:** Addressing the localized issue through point repairs ensures the structural integrity of the affected pipe segments while preserving the functionality of adjacent pipe sections, which remain in satisfactory condition.
- **Project Timeline:** The external pipe repair and manhole rehabilitation can be completed more efficiently than full pipe lining, reducing project duration and minimizing disruptions to the service area.

The unit prices used for these change order items are based on contractor-provided pricing within their backup documentation. The CCTV was required for pre-construction testing and not for maintenance purposes. This change order will result in an increase in the contract price of $38,200.00. The revised contract price is $4,001,128.98.

We recommend approval of this change order. Should you have any questions or require any additional information, please contact me.

Sincerely,
Adico, LLC

Samir Michael, P.E.
TBPE Firm No. 16423

cc: Keith Bell, Mayor

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

NOTE: Texas Local Government Code Sec. 262.031 "CHANGES IN PLANS AND SPECIFICATIONS" regulations apply. Generally, a cumulative increase in the contract price in excess of 25% or a cumulative decrease in excess of 18% are disallowed.

Subrecipient: City of La Marque | GLO Contract Number: 22-083-003-D208 | Date: 1/8/2025

Engineer Name Address & Phone Number:	Subrecipient Name, Address, & Phone Number:	Contractor Name, Address & Phone Number:
ADICO CONSULTING ENGINEERS 2114 EL DORADO BLVD, SUITE 400 FRIENDSWOOD, TX 77546 832-895-1093	KEITH BELL MAYOR 1111 BAYOU ROAD LA MARQUE, TX 77568 409-257-6259	SOUTHERN TRENCHLESS SOLUTIONS, LLC. 1200 W. EXPRESSWAY 83 LA FERIA, TEXAS 78559 956-277-0354

Project #: 20100-17 | Bid Package #: | Change Order #: 7

Contract Origination Date: 8/18/2023 | Project Description: Citywide Sanitary Sewer Rehabilitation Project

You are hereby requested to comply with the following changes from the contract plans and specifications.

Item No.	Description of Changes: Quantities, Units, Unit Prices, Change in Completion Schedule etc.	Decrease in Contract Price	Increase in Contract Price
	ITEM INCREASED:		
CO7-1	15" Sanitary Sewer Pipe Point Repair (Section 2)		$ 18,000.00
CO7-2	Rehab Manhole with 13' FRP Insert (MH 75-4) (Section 2)		$ 17,000.00
CO7-3	Furnish and Insall Manhole Lid (Including Inflow Protector) (Section 2)		$ 3,200.00

See sheet 2 to add additional entries

Change in Construction Contract Price

Original Contract Price:	$ 5,632,613.90
Cumulative Previous Change Order(s) Total:	$ (1,669,684.92)
Contract Price Prior to this Change Order:	$ 3,962,928.98
Net Increase/Decrease of this Change Order:	$ 38,200.00

Change in Contract Time (Calendar Days)

Original Contract Time in Days:	365
Net Change from Previous Change Order(s) in Days	60
Contract Time Prior to this Change Order in Days	425
Net Increase/Decrease of this Change Order in Days:	0

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

Contract Price with All Approved Change Orders:	$ 4,001,128.98	Contract Time with All Approved Change Orders in Days:	425
Cumulative Percent Change in Contract Price (+/-)	-28.96%	Subrecipient Contract End Date:	3/15/2025
Construction Contract Start Date:	1/15/2024	Construction Contract End Date:	3/15/2025

Reimbursements of costs included in this change order are subject to review by GLO-CDR.

***This document may be executed prior to submission for GLO-CDR review, but all parties involved will be held responsible if the change order or amendment warranted as a result of this change order is not in compliance with CDBG or HUD Requiremements**

Subrecipient Signature	Engineer Signature	Contractor Signature
Keith Bell, Mayor	Samir Michael, Assistant PM	Ramon Closner Owner/CEO
Subrecipient Name and Title (Printed)	Engineer Name and Title (Printed)	Contractor Name and Title (Printed)
Subrecipient Signature	Engineer Signature	Contractor Signature

Justification for Change Order

1. Will this change order increase or decrease the number of beneficiaries?	~~Increase~~	~~Decrease~~	No Change
If there is a change, how many beneficiaries will be affected?	Total	LMI	
2. Effect of this change on the scope of work:	Increase	~~Decrease~~	No Change
3. Effect on operation and maintenance costs:	~~Increase~~	~~Decrease~~	No Change
4. Are all prices in the change order dependent upon unit prices found in the original bid?	Yes	~~No~~	

If "no", explain:

5. Has the change created new circumstances or environmental conditions which may affect the project's impact, such as concealed or unexpected conditions discovered during actual construction?	~~Yes~~	No

If "yes", is an environmental assessment required?

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

6. Is the Texas Council on Environmental Quality (TCEQ) clearance still valid (if applicable)?	Yes	~~No~~
7. Is the CCN permit still valid? (*sewer projects only*)	Yes	No
8. Are the disability access requirements/approval still valid (if applicable)?	Yes	~~No~~
9. Are other Disaster Recovery contractural special condition clearances still valid?	Yes	~~No~~

If "no", explain:

Disclaimer: *The Texas General Land Office has made every effort to ensure the information contained on this form is accurate and in compliance with the most up-to-date CDBG-DR and/or CDBG-MIT federal rules and regulations, as applicable. It should be noted that the Texas General Land Office assumes no liability or responsibility for any error or omission on this form that may result from the interim period between the publication of amended and/or revised federal rules and regulations and the Texas General Land Office's standard review and update schedule.*

PROJECT:	Citywide Manhole Rehab	**PROJECT NUMBER:**
OWNER:	City of La Marque	
CONTRACTOR:	Southern Trenchless Solutions, LLC	
ENGINEER:		

DESCRIPTION: OPEN CUT Point Repair INSTEAD OF CIPP DUE TO PIPELINE COLAPSE **NO.** 07

NOTIFICATION BY CONTRACTOR

The Contractor proposes to make the additions, modifications, or deletions to the Work described in the Contract Documents, as shown in Attachment "A" and requests that you take the following action:

- ☐ Notify us that you concur that this change does not require a change in Contract time or amount and issue a Field Order.
- ☐ Issue a Work Change Directive to authorize us to proceed with the described change with payment at the Contract unit prices.
- ☒ Issue a Work Change Directive to authorize us to proceed with the change as a time and materials as associated with the change.
- ☐ Issue a Work Change Directive or Change Order for performing the described change. Proposed change in Contract amount is indicated in the attached detailed cost breakdown of labor, materials, equipment and all other costs associated with this change. Impacts on Contract time are shown in the attached revised schedule.

By: Tom Tanner Date: 12/17/24

ENGINEER'S RESPONSE

- ☐ We concur that this change does not require a change in Contract time or amount. A Field Order will be issued.
- ☐ We concur that you proceed with the change with payment to be made at the Contract unit prices. A Work Change Directive will be issued.
- ☐ We concur that you proceed with the change under the time and materials provisions of the Contract Documents. A Work Change Directive will be issued.
- ☐ A Change Order will be issued based on the attached proposal.
- ☐ Additional information is required to evaluate this request. Provide information as described in the attached comments and resubmit.
- ☐ Contract Modification Request is not accepted.

By: _____ Date: _____

For Contractors Use:

- ☐ Field Order _____ issued.
- ☐ Change Order _____ issued.
- ☐ Work Change Directive _____issued.
- ☐ Contract Modification cancelled for the following reasons: _____

_____
_____
_____
___

Southern Trenchless has been requested to provide a Change Order for repairs to found pipe offset due to disconnection of boot coupler at pipe locations adjacent to MH 75-4 in lieu of CIPP lining the entire pipe sections. The following is a price to install external pipe repairs:

15" - 18" Open-Cut Point repair (8'-12' deep)	1	EA	$18,000.00
Rehab Manhole with 13’ FRP insert	1	EA	$17,000.00
Manhole lid including inflow protector	1	EA	$3,200.00
		Total	$38,200.00

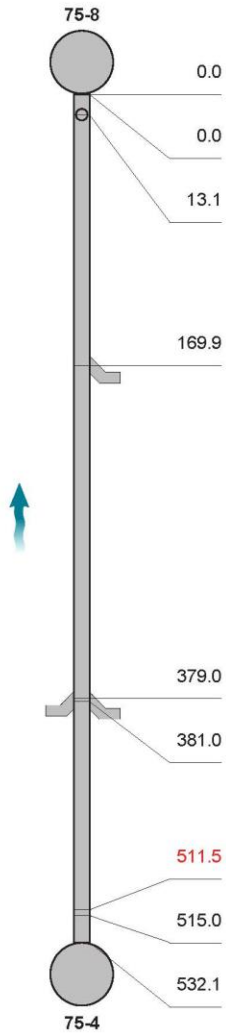
WinCan

Inspection report

Date:	Work Order:	Weather:	Surveyed By:	Certificate Number:	Pipe Segment Ref.:
4/23/2024		Dry	HOMERO SANCHEZ	06-12795	75-4 - 75-8
Year laid:	Pre-cleaning:	Direction:	Pipe Joint Length:	Total Length:	Length Surveyed:
	Heavy Cleaning	Upstream		532.10	532.10

City:	LA MARQUE	Drainage Area:		Upstream MH:	75-4
Street:	1420 DUROUX RD	Media Label:	DVD	Up Rim to Invert:	13.00
Location Code:		Flow Control:	Not Controlled	Downstream MH:	75-8
Location Details:		Sheet Number:	0	Down Rim to Invert:	13.30
Pipe shape:	Circular	Sewer Use:	Sanitary Sewage Pipe	Total gallons used:	0.0
Pipe size:	15 "	Sewer Category:	SEC	Joints passed:	0
Pipe material:	Polypropylene	Purpose:	Maintenance Related	Joints failed:	0
Lining Method:		Owner:			

Additional Info:



1:4016	Distance	Code	Observation	Counter	Photo	Grade
	0.0	AMH	Manhole / 75-8			
	0.0	MWL	Water Level, 45% of the vertical dimension			
	13.1	TFA	Tap Factory Activity at 12 o'clock, dia/height: 4inch		1	
	169.9	TFI	Tap Factory Made Intruding at 10 o'clock, dia/height: 4inch, intruding: 2inch		2	M3
	379.0	TFA	Tap Factory Activity at 2 o'clock, dia/height: 4inch		3	
	381.0	TFA	Tap Factory Activity at 10 o'clock, dia/height: 4inch		4	
	511.5	RPZD	Point Repair Other Defective / CLAMP		5	S4
	515.0	MMC	Miscellaneous Material Change / PEP TO PVC		6	
	532.1	AMH	Manhole / 75-4			

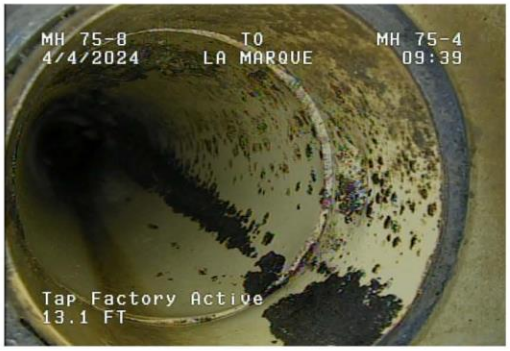
QSR	QMR	QOR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3100	4131	4.0	3.0	7.0	4.0	3.0	3.5

La Marque_1 // Page: 1

WinCan

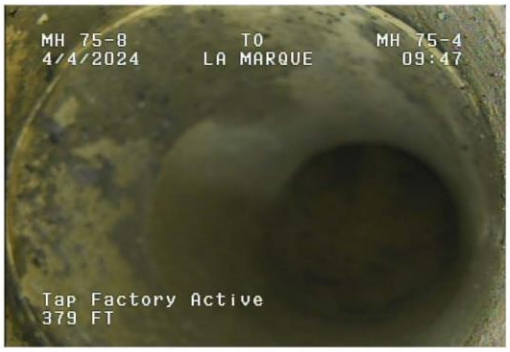
Section Pictures - 4/23/2024 - 75-4 - 75-8

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	1420 DUROUX RD	4/23/2024	75-4 - 75-8	7

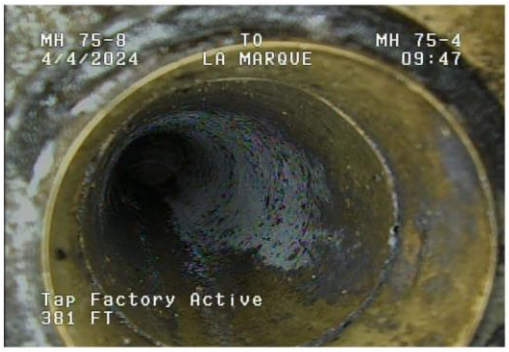


1, , 13.10ft
Tap Factory Activity at 12 o'clock, dia/height: 4inch

2, , 169.90ft
Tap Factory Made Intruding at 10 o'clock, dia/height: 4inch, intruding: 2inch



3, , 379.00ft
Tap Factory Activity at 2 o'clock, dia/height: 4inch



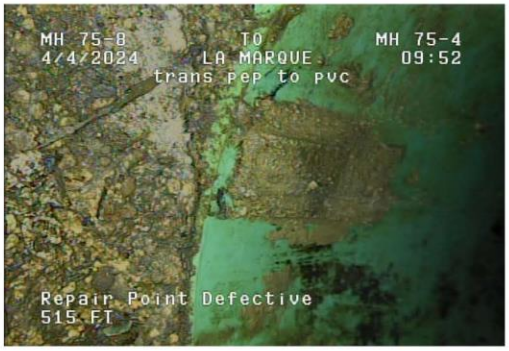
4, , 381.00ft
Tap Factory Activity at 10 o'clock, dia/height: 4inch

WinCan

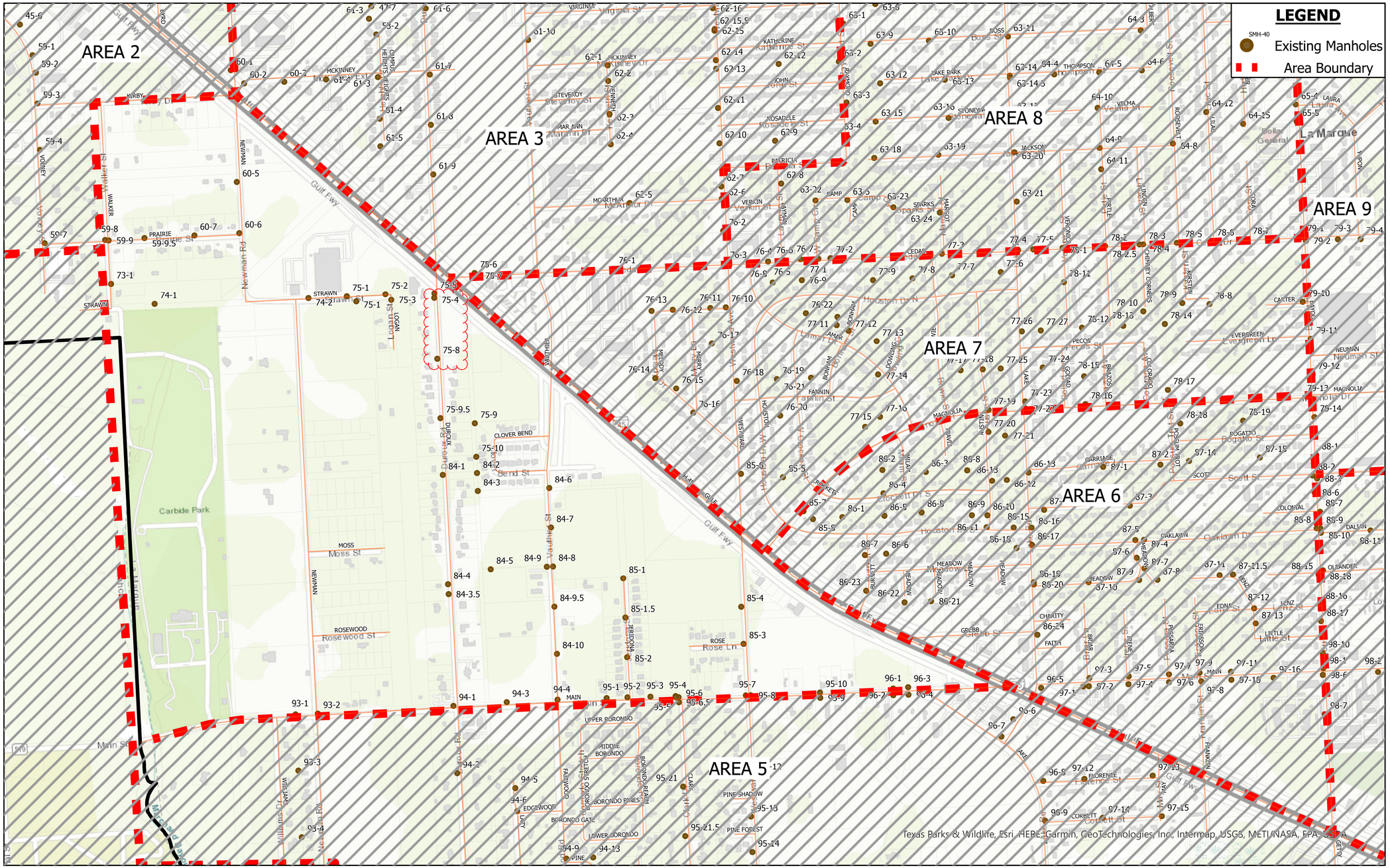
Section Pictures - 4/23/2024 - 75-4 - 75-8

City	Street	Date	Lateral Segment Reference	Section No.
LA MARQUE	1420 DUROUX RD	4/23/2024	75-4 - 75-8	7

5, , 511.50ft
Point Repair Other Defective / CLAMP



6, , 515.00ft
Miscellaneous Material Change / PEP TO PVC



CIVIL ENGINEER:

ADICO CONSULTING ENGINEERS

2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093
WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

MANHOLE REHABILITATION AREA 4

ALLC PROJECT NO.	20100-17
DRAWN BY:	JG
CHECKED BY:	BB
DRAWING SCALE: HORZ: N/A VERT: N/A	
DATE PLOTTED: Jun 30,2023 - 11:42am	

SHEET NO.

63 OF 95

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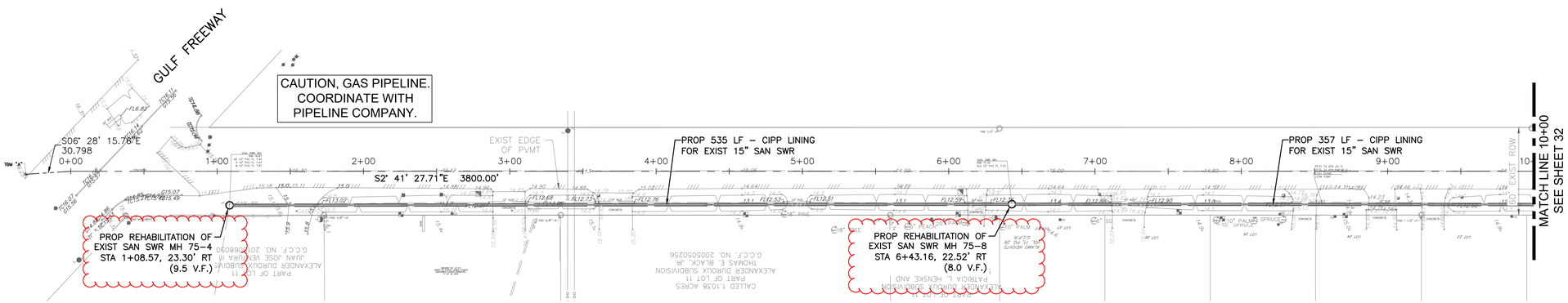
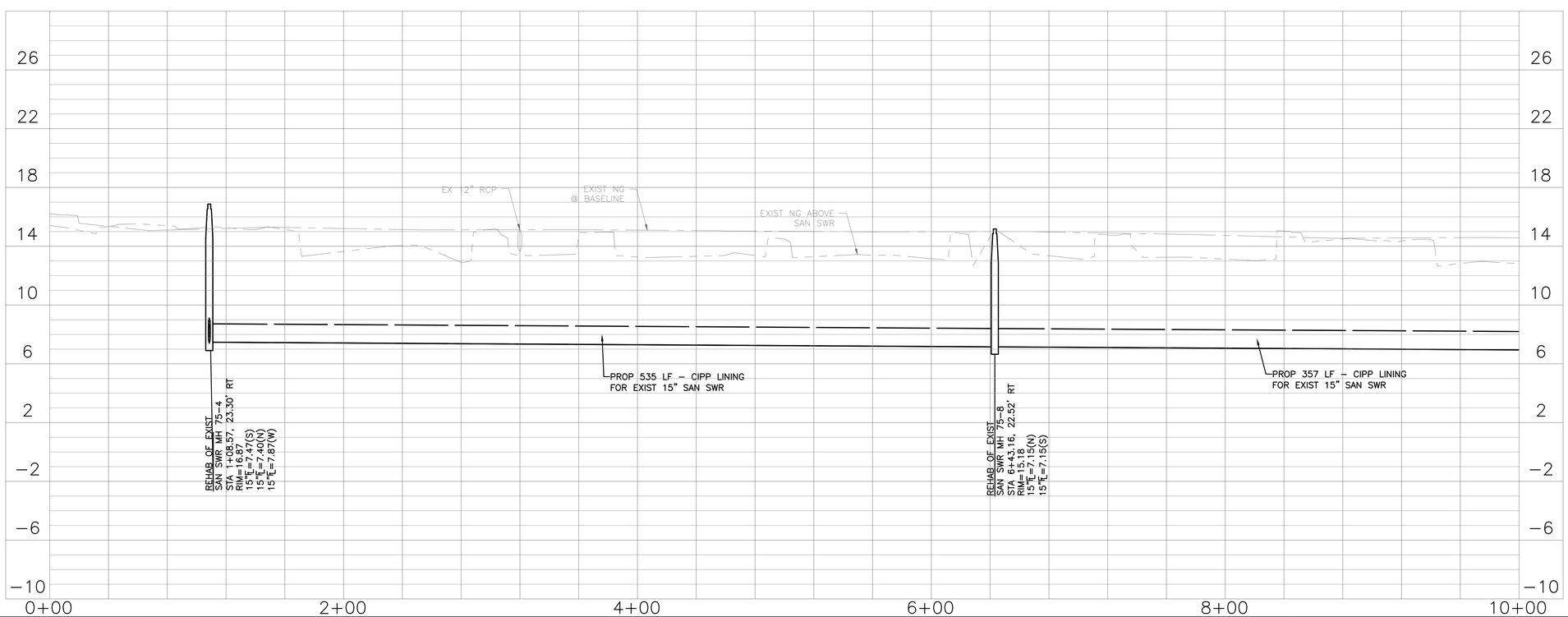


DUROUX ROAD
STA 0+00 TO 10+00



N

0 40 80
SCALE: 1"=40'–0"

CIVIL ENGINEER:

ADICO
CONSULTING ENGINEERS
2114 EL DORADO BLVD, STE. 400, FRIENDSWOOD, TX 77546
PHONE: 832-895-1093 WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

BENCHMARK:

FLOODPLAIN:

CITYWIDE SANITARY SEWER
REHABILITATION PROJECT

CITY OF LA MARQUE, TX

ADICO, LLC
TBPE FIRM NO. F-16423

STATE OF TEXAS
BRENT BERTHIER
108493
LICENSED
PROFESSIONAL ENGINEER

06/13/2023

NO.	DATE	REVISION

PROJECT OWNER:
CITY OF LA MARQUE

PROJECT LOCATION:
CITY OF LA MARQUE
LA MARQUE, TX 77568

CIPP SECTION 2
DUROUX ROAD
STA 0+00 TO 10+00

ALLC PROJECT NO. 20100-17
DRAWN BY: JG
CHECKED BY: BB
DRAWING SCALE:
HORZ: 1" = 40'
VERT: 1" = 4'
DATE PLOTTED:
Jun 23,2023 - 9:32am

SHEET NO.
31 OF 95

C:\Users\oriana\adico dropbox\ADICO\ALLC\18100 – la marque\20100–17 san. swr. & manhole assessment\6 – drawings\CAD\SHEETS\31 DUROUX RD STA 0+00 TO 10+00.dwg Jun 23,2023–9:32am oriana

Change Order #7: Sanitary Sewer Rehabilitation

Project: Citywide Manhole Rehab, City of La Marque
Contractor: Southern Trenchless Solutions, LLC
Engineer: Adico, LLC
Contract Number: 22-083-003-D208
Revised Contract Price: $4,001,128.98
Cost Impact of Change Order #7: +$38,200.00

Reason for Change Order

- **Unexpected Field Conditions:** During construction near **Manhole 75-4**, the contractor observed that a **boot coupler had disconnected**, causing a **pipe offset** that required immediate correction.
- **Revised Scope:** Instead of full **CIPP lining**, targeted **open-cut point repair and manhole rehabilitation** will be performed to **address the issue efficiently**.

Justification for Change

1. **Cost Efficiency**
    - Targeted repairs are significantly **more cost-effective** than relining entire pipe sections.
    - Avoids unnecessary expenses while **resolving the specific problem**.
2. **System Integrity**
    - Addresses structural issues **only in affected areas**, ensuring **no unnecessary disruptions**.
    - Preserves functionality of the **surrounding sewer infrastructure**.
3. **Faster Completion**
    - External pipe repair and **manhole rehabilitation** can be completed **more quickly** than full lining.
    - **Minimizes disruption** to the community and keeps the project on track.

Scope of Change & Cost Breakdown

Instead of full pipe relining, the following **targeted repairs** will be performed:

- **15"-18" Open-Cut Point Repair (8’-12’ deep): $18,000.00**
- **Manhole Rehabilitation (13' FRP Insert): $17,000.00**
- **New Manhole Lid with Inflow Protector: $3,200.00**
- **Total Change Order Cost: $38,200.00**

Impact Analysis

- **Number of Beneficiaries:** No significant change.
- **Scope of Work:** Focused modification; ensures **efficient repairs** without expanding project scope.
- **Operation & Maintenance Costs:** Prevents further deterioration, reducing **long-term maintenance expenses**.
- **Environmental Impact:** No additional environmental review required.
- **Regulatory Compliance:** All existing approvals, permits, and clearances **remain valid**.

Recommendation

Staff recommends **approval of Change Order #7**, as it provides a **cost-effective and timely solution** while maintaining the integrity of the sewer system.

CITY COUNCIL AGENDA FORM

Meeting Date: February 3, 2025 Agenda Item: 5.V.
Prepared by: Shannon Breaux Reviewed by:
Department: Public Works

AGENDA ITEM DESCRIPTION:

Authorizing Change Order #8 for the Citywide Sanitary Sewer Rehabilitation Project resulting in a contract increase of $382,873.75

STAFF BRIEFING:

- **Issue Identified:** Discussions between Adico and the City of La Marque identified Alternate 2, Area 2 as needing immediate sanitary sewer manhole rehabilitation.
- **Reallocation of Funds:** CCTV inspections revealed that full CIPP lining was unnecessary in some areas, allowing funds to be redirected to address high-priority deficiencies.
- **Cost and Timeline Impact:** This approach ensures that available funds are used for necessary repairs, avoiding wasteful spending and keeping the project on schedule.

HISTORY:

- **Original Contract Scope:** Included CIPP lining for various sewer segments based on initial assessments.
- **New Findings:**
  - CCTV inspections showed most sewer lines were in good condition, except for isolated problem areas.
  - Full pipe relining was deemed unnecessary, freeing funds for critical manhole rehabilitation.
- **Prior Change Orders:** This is the eighth change order for the project, with previous modifications addressing unforeseen conditions and adjustments.
- **Approval Recommendation:** Engineering analysis supports this change as the most efficient and effective use of funds.

FISCAL IMPACT:

- **Total Cost Increase:** $382,873.75
- **Revised Contract Total:** $4,384,002.73

- **Cost Breakdown:**
  - Manhole rehabilitation, **standard depth (0'-8')** – $33,320.00
  - Manhole rehabilitation, **extra depth (>8')** – $17,885.00
  - **Manhole lid replacement & reconstruction** – $105,600.00
  - **Pavement repair (4'x4' reinforced concrete)** – $7,500.00
  - **Manhole removal & replacement (0'-8' depth)** – $12,500.00
  - **Manhole removal & replacement (>8' depth)** – $5,400.00
  - **Replacement of "unable to open" manholes (0'-8')** – $137,500.00
  - **Replacement of "unable to open" manholes (>8')** – $47,700.00
  - **Additional concrete for large pavement areas** – $15,468.75
- **Long-Term Benefits:**
  - Prevents further infrastructure deterioration.
  - Reduces long-term maintenance costs.
  - Ensures funds are used for necessary improvements rather than unnecessary work.

ADICO
CONSULTING ENGINEERS

January 10, 2025

Grant Works, Inc.
2201 Northland Drive
Austin, TX 78756

Attn: Alex Sievers

Re: Texas General Land Office (GLO)
CLO Contract No. 22-083-003-D208
Letter of Justification for Change Order No. 8

Adico Project No. 20100-17

Mr. Sievers:

Adico, LLC provides the following justification for Change Order No. 8 for the subject project.

This change order was initiated after discussions between Adico and the City of La Marque regarding areas of the sanitary sewer system requiring immediate attention. Following a review of the system and the results of contractor-conducted CCTV inspections, Alternate 2, Area 2 was identified as a priority for rehabilitation. The City and Adico determined that sanitary sewer manhole rehabilitation was required in this area to address critical deficiencies.

Additionally, this change order is being implemented because of the availability of funds associated with the removal of CIPP (Cured-In-Place Pipe) scope of work from the contract. CCTV Inspection of the lines was performed, and it was discovered that the existing lines were in good shape and did not require repairs except in a few isolated areas. Therefore, this scope of work was deemed unnecessary. Therefore, these resources would serve the City better if used to improve the condition of manholes in Area 2, Alternate 2 in the bid proposal.

The CCTV was required for pre-construction testing and not for maintenance purposes.

Justification:

- **Critical Need:** The assessment revealed that the sanitary sewer infrastructure in Area 2 (Alternate 2) exhibited significant deficiencies that warranted immediate attention. Rehabilitation in this area is essential to ensure the system's proper functionality and to mitigate potential issues.
- **Resource Optimization:** Redirecting efforts from the eliminated CIPP work to Area 2 (Alternate 2) ensures efficient use of project funds by addressing high-priority areas while avoiding unnecessary rehabilitation of structurally sound pipe segments.
- **Cost Efficiency and Timeline:** The proposed work targets only the areas requiring immediate intervention, optimizing both costs and the project timeline.

The unit prices used for these change order items are based on the existing prices in the contract listed under Alternate 2 – Manhole Rehabilitation Area 2. This change order will result in an increase in the contract price of $382,873.75. The revised contract price is $4,384,002.73.

We recommend approval of this change order. Should you have any questions or require any additional information, please contact me.

Sincerely,
Adico, LLC

Samir Michael, P.E.
TBPE Firm No. 16423

cc: Keith Bell, Mayor

COMMUNITY DEVELOPMENT & REVITALIZATION
The Texas General Land Office
Construction Change Order Request

NOTE: Texas Local Government Code Sec. 262.031 "CHANGES IN PLANS AND SPECIFICATIONS" regulations apply. Generally, a cumulative Increase in the contract price in excess of 25% or a cumulative decrease in excess of 18% are disallowed.

Subrecipient: City of La Marque | GLO Contract Number: 22-083-003-D208 | Date: 1/10/2025

Engineer Name Address & Phone Number:	Subrecipient Name, Address, & Phone Number:	Contractor Name, Address & Phone Number:
ADICO CONSULTING ENGINEERS 2114 EL DORADO BLVD, SUITE 400 FRIENDSWOOD, TX 77546 832-895-1093	KEITH BELL MAYOR 1111 BAYOU ROAD LA MARQUE, TX 77568 409-257-6259	SOUTHERN TRENCHLESS SOLUTIONS, LLC. 1200 W. EXPRESSWAY 83 LA FERIA, TEXAS 78559 956-277-0354

Project #: 20100-17 | Bid Package #: | Change Order #: 8

Contract Origination Date: 8/18/2023 | Project Description: Citywide Sanitary Sewer Rehabilitation Project

You are hereby requested to comply with the following changes from the contract plans and specifications.

Item No.	Description of Changes: Quantities, Units, Unit Prices, Change in Completion Schedule etc.	Decrease in Contract Price	Increase in Contract Price
	ITEM INCREASED:		
A2.1	Provide all supervision, labor, materials, tools, equipment, incidentals and related items for rehabilitation of interior surface of standard 4-foot diameter, concrete sanitary sewer manhole including application of liner, as shown on plans and according to specifications, complete in place. (0 - 8').		$ 33,320.00
A2.2	Provide all supervision, labor, materials, tools, equipment, incidentals and related items for rehabilitation of interior surface of standard 4-foot diameter, concrete sanitary sewer manhole including application of liner, as shown on plans and according to specifications, complete in place. (Extra Depth greater than 8').		$ 17,885.00
A2.3	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to remove and replace manhole lid including inflow protector for standard manhole 4-foot diameter, as shown on plans and according to specifications, complete in place. Includes reconstruction of cone and adjustment to grade as required. (Manholes NOT Located In Flood Plain, 0 - 8', includes disposal offsite).		$ 105,600.00
A2.4	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to perform full depth saw cut, remove pavement and replace a minimum of 4' x 4' square reinforced concrete pavement for pavement rehabilitation as shown on plans and according to specifications, complete in place. (Includes disposal offsite).		$ 7,500.00
A2.5	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to remove and replace manhole, includes resilient pipe connector and inflow protector as shown on plans and according to specifications, complete in place. (0'-8', does NOT include manhole lid, includes disposal offsite).		$ 12,500.00
A2.6	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to remove and replace manhole, includes resilient pipe connector and inflow protector as shown on plans and according to specifications, complete in place. (Extra Depth greater than 8', does NOT include manhole lid, includes disposal offsite).		$ 5,400.00
A2.7	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to remove and replace "UNABLE TO OPEN" manholes as shown on plans and according to specifications, complete in place, (0' - 8', does NOT include manhole lid, includes disposal offsite).		$ 137,500.00
A2.8	Provide all supervision, labor, materials, tools, equipment, incidentals and related items to remove and replace "UNABLE TO OPEN" manholes as shown on plans and according to specifications, complete in place, (Extra Depth greater than 8', does NOT include manhole lid, includes disposal offsite).		$ 47,700.00
CO8-1	Additional concrete for pavement larger than 4'x4' - tracked and charged by square foot.		$ 15,468.75

See sheet 2 to add additional entries

Change in Construction Contract Price

Original Contract Price:	$ 5,632,613.90
Cumulative Previous Change Order(s) Total:	$ (1,631,484.92)
Contract Price Prior to this Change Order:	$ 4,001,128.98
Net Increase/Decrease of this Change Order:	$ 382,873.75

Change in Contract Time (Calendar Days)

Original Contract Time in Days:	365
Net Change from Previous Change Order(s) in Days	60
Contract Time Prior to this Change Order in Days	425
Net Increase/Decrease of this Change Order in Days:	0

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Contract Price with All Approved Change Orders:	$ 4,384,002.73
Cumulative Percent Change in Contract Price (+/-)	-22.17%

Contract Time with All Approved Change Orders in Days:	425
Subrecipient Contract End Date:	3/15/2025

Construction Contract Start Date:	1/15/2024	Construction Contract End Date:	3/15/2025

Reimbursements of costs included in this change order are subject to review by GLO-CDR.

***This document may be executed prior to submission for GLO-CDR review, but all parties involved will be held responsible if the change order or amendment warranted as a result of this change order is not in compliance with CDBG or HUD Requiremements**

Subrecipient Signature	Engineer Signature	Contractor Signature
Keith Bell, Mayor	Samir Michael, Assistant PM	Ramon Closner Owner/CEO
Subrecipient Name and Title (Printed)	Engineer Name and Title (Printed)	Contractor Name and Title (Printed)
Subrecipient Signature	Engineer Signature	Contractor Signature

Justification for Change Order

1. Will this change order increase or decrease the number of beneficiaries?		~~Increase~~	~~Decrease~~	No Change
If there is a change, how many beneficiaries will be affected?	Total		LMI	
2. Effect of this change on the scope of work:		Increase	~~Decrease~~	No Change
3. Effect on operation and maintenance costs:		~~Increase~~	~~Decrease~~	No Change
4. Are all prices in the change order dependent upon unit prices found in the original bid?		Yes	~~No~~	

If "no", explain:

5. Has the change created new circumstances or environmental conditions which may affect the project's impact, such as concealed or unexpected conditions discovered during actual construction?	~~Yes~~	No

If "yes", is an environmental assessment required?

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The Texas General Land Office
Construction Change Order Request

6. Is the Texas Council on Environmental Quality (TCEQ) clearance still valid (if applicable)?	Yes	~~No~~
7. Is the CCN permit still valid? (*sewer projects only*)	Yes	No
8. Are the disability access requirements/approval still valid (if applicable)?	Yes	~~No~~
9. Are other Disaster Recovery contractural special condition clearances still valid?	Yes	~~No~~

If "no", explain:

Disclaimer: *The Texas General Land Office has made every effort to ensure the information contained on this form is accurate and in compliance with the most up-to-date CDBG-DR and/or CDBG-MIT federal rules and regulations, as applicable. It should be noted that the Texas General Land Office assumes no liability or responsibility for any error or omission on this form that may result from the interim period between the publication of amended and/or revised federal rules and regulations and the Texas General Land Office's standard review and update schedule.*

Change Order #8: Sanitary Sewer Rehabilitation

Project: Citywide Sanitary Sewer Rehabilitation Project
Contractor: Southern Trenchless Solutions, LLC
Engineer: Adico, LLC
Contract Number: 22-083-003-D208
Revised Contract Price: $4,384,002.73
Cost Impact of Change Order #8: +$382,873.75

Reason for Change Order

- **Prioritization of Manhole Rehabilitation:** Discussions between **Adico and the City of La Marque** identified **Alternate 2, Area 2** as requiring immediate attention.
- **Reallocation of Funds:** The removal of **CIPP lining work** from the contract freed up **project funds**, which will now be redirected to **critical manhole rehabilitation**.
- **CCTV Inspection Results:** The sewer lines were found to be in **good condition**, except for isolated areas, making full **CIPP lining unnecessary**.

Justification for Change

1. **Critical Need**
    - **Significant deficiencies** in **Area 2 (Alternate 2)** require **immediate rehabilitation** to maintain system functionality.
2. **Efficient Use of Funds**
    - Redirecting resources from unnecessary **CIPP work** to **manhole rehabilitation** ensures **cost-effective project execution**.
3. **Cost and Time Optimization**
    - Focuses on **only the areas requiring intervention**, optimizing both **cost and timeline** without **wasteful spending**.

Scope of Change & Cost Breakdown

Instead of full pipe relining, the following **manhole rehabilitation work** will be completed:

- **Manhole Rehabilitation (Standard 0'-8'):** $33,320.00
- **Manhole Rehabilitation (Extra Depth >8'):** $17,885.00
- **Manhole Lid Replacement & Reconstruction:** $105,600.00
- **Pavement Repair (4'x4' reinforced concrete):** $7,500.00
- **Manhole Removal & Replacement (0'-8' depth):** $12,500.00
- **Manhole Removal & Replacement (Extra Depth >8'):** $5,400.00
- **"Unable to Open" Manhole Replacements (0'-8'):** $137,500.00
- **"Unable to Open" Manhole Replacements (>8'):** $47,700.00
- **Additional Concrete for Large Pavement Areas:** $15,468.75

Impact Analysis

- **Number of Beneficiaries:** No significant change.
- **Scope of Work:** Redirects **existing resources** for **higher priority repairs**.
- **Operation & Maintenance Costs:** Reduces future maintenance by **proactively addressing deficiencies**.
- **Environmental Impact:** No additional environmental review required.
- **Regulatory Compliance:** All existing approvals, permits, and clearances **remain valid**.

Recommendation

Staff recommends **approval of Change Order #8**, as it ensures **efficient use of funds** while addressing **critical infrastructure needs** in a **cost-effective manner**.