

### December 3<sup>rd</sup>, 2020

Mr. Eric Salazar, P.E. Project Manager City of San Antonio TCI 114 W. Commerce San Antonio, TX 78205

RE: Fredericksburg Road (Culebra to W. Craig Place)

Fee Proposal Acceptance Letter SAWS Water Job #: 17-5143 SAWS Sewer Job #: 17-5624

Dear Mr. Salazar:

The Poznecki-Camarillo, Inc. proposal dated December 2<sup>nd</sup>, 2020, a copy of which is attached, in the lump sum fee of \$131,962.00 for Basic engineering services in connection with the Fredericksburg Road (Culebra to W. Craig Place) Project is accepted by SAWS. Payment will be made per Section 2 – Method of Payments section of Attachment 5.

The following is a breakdown of the **Basic Engineering Services:** 

<b>Design Phase</b>	\$ Water Fee	<b>\$ Sewer Fee</b>	<b>\$ Total Fee</b>	Weeks
70% Design	\$43,078.00	\$13,324.00	\$56,402.00	4
95% Design	\$20,339.00	\$8,755.00	\$29,094.00	3
100% Design & Bid	\$7,763.00	\$3,118.00	\$10,881.00	6
Construction	\$18,483.00	\$7,796.00	\$26,279.00	26
Close Out	\$6,225.00	\$3,081.00	\$9,306.00	3
TOTAL	\$95,888.00	\$36,074.00	\$131,962.00	42

It is understood that the fee as approved provides for all engineering services outlined in the SAWS Scope of Services, Attachment 5, to the City of San Antonio engineering contract, whether individually stated in the fee proposal or not. It is our understanding that the initial survey required for the design of SAWS facilities, as defined under the Base Mapping section of the Design Guidance Manual, has been included in the City's proposal. It is further understood that the design of SAWS facilities will be done in conformance with the requirements in the Design Guidance Manual.

You are hereby authorized to proceed with these services in conjunction with the city schedule.

Should you need any additional information, please feel free to contact me at 210-233-3049 or Stephen Morales at 210-233-3857.

Sincerely,

Michael Boyd, P.E.

Project Engineer

Pipelines - Governmental Engineering

Attachment: Accepted Proposal

CC: Nina Bittle, P.E. - SAWS

Stephen Morales, E.I.T. – SAWS

Fernando Camarillo, P.E. – Poznecki-Camarillo, Inc.



December 2, 2020

Eric Salazar, P.E. Project Manager City of San Antonio - TCI 114 W. Commerce, 5<sup>th</sup> Floor San Antonio, TX 78205

RE: 2017-2022 Bond Program – Fredericksburg Rd (Culebra to W. Craig Place)

SAWS Plans – Water & Sewer Design Fee Proposal

Dear Mr. Salazar:

Poznecki-Camarillo, Inc.(PCI) is pleased to submit our request for authorization to perform the SAWS Water & Sewer Design related services for the Fredericksburg Road project. The costs associated for the engineering design services with the unit rate specified in the professional engineering services contract, is \$131,962.00. Please see attached documents for the fee proposal breakdown spreadsheet.

Phase	\$ Water Fee	\$Sewer Fee	Weeks
70% Design	\$43,078.00	\$13,324.00	4
95% Design	\$20,339.00	\$8,755.00	3
100% Design and Bid	\$7,763.00	\$3,118.00	6
Construction	\$18,483.00	\$7,796.00	26
Close Out	\$6,225.00	\$3,081.00	3
TOTAL	\$95,888.00	\$36,074.00	42

With your authorization we well move forward with performing this task as needed.

If you have any questions, please do not hesitate to call me or Mike Guerra, P.E. at 210-349-3273.

Sincerely,

POZNECKI-CAMARILLO, INC.

Fernando Camarillo, P.E.

**CEO** 

Attachments

# City of San Antonio - Transportation & Capital Improvements Department PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: Fredericksburg Rd - (Culebra to W Craig Place 23-01582)

Prime Consultant: Poznecki-Camarillo, Inc.

Proposal Date: 11/30/2020

Prepared By: Fernando Camarillo, P.E.

		Quantity	Estimating Unit	Unit Cost	Principal/ Partner \$ 200.00	Senior Project Manager \$ 182.00		Design Engineer \$ 126.00	<b>EIT</b> \$ 95.00	<b>CADD</b> \$ 90.00	Project Admin \$ 65.00	Total Hrs	Task Budget	SUBTOTALS
AWS Water Design Fee					2	0	17	0	11	0	0		\$ 95,888.00	
. SAWS Water Design Fee														
1.1 SAWS Prime Mgm														
	Design				1		6		4				\$1,528.00	
	S Design BGE (Fee Breakdown /	Attached)											\$41,550.00	\$43,078.0
	Design				1		4		2				\$1,022.00	
	S Design BGE (Fee Breakdown /	Attached)											\$19,317.00	
	Design & Bidding						1		1				\$253.00	
	S Design BGE (Fee Breakdown /	Attached)											\$7,510.00	\$7,763.0
	ruction						5		3				\$1,075.00	
SAW	S Design BGE (Fee Breakdown /	Attached)											\$17,408.00	\$18,483.0
1.1e Close							1		1				\$253.00	
SAW	S Design BGE (Fee Breakdown <i>i</i>	Attached)											\$5,972.00	\$6,225.0
	-										PCI	Labor Sub	\$4,131.00	
											TOT	AL WATER	\$95,888.00	)
AWS Sewer Design Fee					2	0	9	0	7	0	0		\$ 36,074.00	
. SAWS Sewer Design Fee														
1.1 SAWS Prime Mgm	t PCI													
	Design				1		2		2				\$706.00	
	S Design BGE (Fee Breakdown A	Attached)											\$12,618.00	
	Design	,			1		2		2				\$706.00	
	S Design BGE (Fee Breakdown /	Attached)											\$8,049.00	
	Design & Bidding						1		1				\$253.00	
	S Design BGE (Fee Breakdown /	Attached)											\$2,865.00	
	truction	maonoa)					3		1				\$569.00	
	S Design BGE (Fee Breakdown /	Attached)					<u> </u>						\$7,227.00	
1.1e Close		aorioa)					1		1				\$253.00	
	S Design BGE (Fee Breakdown /	Attached)					1		'				\$2,828.00	\$3,081.0
57117	= 2 2 3 3 2 C (1 00 2 1 0 a 1 0 0 1 7				1							Sub Total	\$2,487.00	
											TOT	AL SEWER	•	
AWS Water & Sewer Design F					4	0	26	0	18	0	0	AL SEVVER	\$ 131,962.00	



Revised: December 02, 2020

Mr. Mike Guerra, PE Engineer 3 Poznecki-Camarillo, Inc. 5835 Callaghan Road, Ste. 200 San Antonio, TX 78228

Subject: Fredericksburg Rd - (Culebra to W Craig Place 23-01582) Project

SAWS Water Job No. 17-5143 SAWS Sewer Job No. 17-5624

Scope & Fee Proposal

Dear Mr. Guerra:

BGE is pleased to submit this lump sum proposal for engineering services to Poznecki-Camarillo, Inc. for the above referenced project. We understand that this work will be joint bid with City of San Antonio. We propose to perform work as described in "Attachment A - Scope of Service.". The Basic Service Fee of \$125,344.00 is based on Attachment B, Engineering Service Fee Breakdown. The Basic Service Fee is a lump sum amount Fee is in not-to-exceed amount. We propose a lump sum fee to be paid as shown in the table below. Payment will be made as work is completed and approved to include 70% design, 95% Design Phase plans, 100% Design and Bid Phase, Construction Services and Closeout Phase. schedule of completion and production will be coordinated with City of San Antonio proposed advertising schedule.

Phase	\$ Water Fee	\$ Sewer Fee	Weeks
70% Design	\$41,550.00	\$12,618.00	4
95% Design	\$19,317.00	\$8,049.00	3
100% Design and Bid	\$7,510.00	\$2,865.00	6
Construction	\$17,408.00	\$7,227.00	26
Close Out	\$5,972.00	\$2,828	3
TOTAL	\$91,757.00	\$33,587.00	42

Thank you very much for this opportunity and we look forward to the successful completion of your Project. Please feel free to contact me should you have any questions or would like to discuss in more detail.

Sincerely,

Abdel Hamed, P.E.

BGE



#### ATTACHMENT A - SCOPE OF SERVICES

### **Project Background**

Poznecki-Camarillo, Inc. has researched the existing water and sewer facilities for the above referenced project within the project limits.

### **Recommended Work**

The City of San Antonio plans to reconstruct various Storms, streets and Sidewalks in different sections of Fredericksburg Rd - (Culebra to W Craig Place 23-01582) Due to the CoSA improvements, it appears they have the following potential conflicts based on conflict matrix provided by Poznecki-Camarillo, Inc. on November 13, 2020 (attached):

### Fredericksburg Rd

- 12" W Fredericksburg Rd Sta 23+29 (Long)
  - Conflict with Proposed ADA Ramp
- 8" W Fredericksburg Rd Sta 33+54 (Long) 22.8 LT
  - Conflict with Proposed Sidewalk and driveway
  - o conflict around inlet CI-A21 near STA 33+75 and inlet C1-A21-1 near 34+75
- 8" PVC W Fredericksburg Rd Sta 37+68 (Long)
  - o Conflict with Proposed Sidewalk
- 8" DI W Fredericksburg Rd Sta 40+75 to Sta 74+30
  - Between stations 50+00 to 56+00, 57+00 to 64+00, 65+00 to 72+00, it appears there is not any apparent water main replacements other than box/valve/fire hydrants
- 6" AC W Fredericksburg Rd Sta 40+76 (Crossing)
  - Conflict with Proposed Driveway
- 8" DI W Fredericksburg Rd Sta 43+16 (Crossing)
  - Conflict with Proposed Sidewalk
- 8" DI W Fredericksburg Rd Sta 43+98 to Sta 44+42
  - Conflict with Proposed Inlet
- 8" DI W Fredericksburg Rd Sta 64+55 to Sta 64+99
  - Conflict with Proposed Sidewalk Between station 56+00 to 74+00 is the add alternate design
- 8" DI W Fredericksburg Rd Sta 72+13 to Sta 72+29
  - Conflict with Proposed Inlet
- 8" DI W Fredericksburg Rd Sta 73+63 to Sta 73+83
  - Conflict with Proposed Inlet

## A summary of specific areas of consideration for water adjustments are as follows:

- Water Meter boxes (only 34 Meter Boxes at various locations/stations) Adjustments and possible replacement as needed for Meter boxes located in the proposed sidewalk
- Water valves (only 9 Water Valves at various locations/stations) Adjustments and possible replacement water Valves as needed to avoid conflicts with proposed sidewalk
- **Fire hydrants** (only **2 Fire Hydrants** at various locations/stations) Adjustments and possible replacement as needed for Fire hydrants.



## A summary of specific areas of consideration for sewer adjustments are as follows:

• **Sewer manholes** (Base Bid 14 Manholes and Add Alternate 7 Manholes) –Adjustments and possible replacement as needed for avoid conflicts and street grading.

### **Scope of Services**

The following Scope of Services is proposed for the completion of the Project. The various tasks and deliverables are to be performed and submitted in accordance with the Project's approved schedule.

### I. Project Management

All communication and submittals to Poznecki-Camarillo, Inc. will be directed through the team's Project Manager unless specifically authorized otherwise. The project management activities shall include task leadership and direction, telephone and written communication, project updates and status reports, project schedule, and personnel and data management along with other general project management activities.

#### II. 70% Design

Upon written Notice to Proceed (NTP) from Poznecki-Camarillo, Inc., BGE will complete the 70% design submittal, which includes the following:

#### a. Meetings

- Project Meetings: Attendance of progress meeting with Poznecki-Camarillo SAWS or CoSA. Attendance of one coordination meeting with Poznecki-Camarillo and SAWS staff.
- ii. Site Visit(s): Attend one site visit with Poznecki-Camarillo Project Manager and Project Engineer.
- iii. Staff Meeting(s): Correspondence with Poznecki-Camarillo, SAWS and CoSA staff to obtain updated project information.
- iv. Public Meetings: NOT INCLUDED.

### b. Design Documents

- i. Regulations research, background conflict research, and minimum design guidelines to be reflected in the 70% design phase deliverable.
- ii. Collect and review proposed project design existing water and sewer facilities (as identified by SAWS Block maps and as-built record drawings).
- iii. Identification of potential conflicts.
- iv. Identification of SAWS utilities at risk due to construction of the Project.
- v. Recommendations, if any, for SAWS utility relocation
- vi. Development and preparation of plan sheets and notes. It is assumed that the compilation of SAWS' standard water and sewer details will be included in the construction documents, as necessary. It is assumed that the Project will include SAWS' general standard notes, which will not be amended by the Engineer for this Project.
- vii. Development and preparation of SAWS Change of Service forms are be included in this project.
- viii. Development of Opinion of Probable Construction Cost (OPCC).



- ix. Development of plan sheets, quantity table per sheet and notes for Water Meter boxes, water valves and Sewer manholes adjustment within the project limits, details, notes and quantity table per sheet.
- x. Project technical specifications Utilize SAWS Construction & Material standard Specification.
- xi. Front-end contract requirements review SAWS additions to the CoSA General Conditions and determine conflicting language or recommend clarifications, if any.
- xii. Prepare and develop 70% Opinion of Probable Construction Cost (OPCC).

#### c. Deliverables

- i. 70% Engineering Plans set, 1 PDF.
- ii. 70% OPCC. 1 PDF.
- iii. QA/QC checklists.
- iv. Annotate plans for response to 70% comments.

#### III. 95% Design

Upon written Notice to Proceed (NTP) from Poznecki-Camarillo, Inc., BGE will complete the 95% design submittal, which includes the following:

#### a. Meetings

- Project Meetings: Attendance of progress meeting with Poznecki-Camarillo SAWS or CoSA. Attendance of one coordination meeting with Poznecki-Camarillo and SAWS staff.
- ii. Site Visit(s): Attend one site visit with Poznecki-Camarillo Project Manager and Project Engineer.
- iii. Staff Meeting(s): Correspondence with Poznecki-Camarillo, SAWS and CoSA staff to obtain updated project information.
- iv. Public Meetings: NOT INCLUDED.

### b. Design Documents

- i. Finalize Development and preparation of plan sheets and notes. It is assumed that the compilation of SAWS' standard water and sewer details will be included in the construction documents, as necessary. It is assumed that the Project will include SAWS' general standard notes, which will not be amended by the Engineer for this Project.
- ii. Finalize Development and preparation of SAWS Change of Service forms are be included in this project.
- iii. Finalize Development of Opinion of Probable Construction Cost (OPCC).
- iv. Finalize plan sheets, quantity table per sheet and notes for Water Meter boxes, water valves and Sewer manholes adjustment within the project limits, details, notes and quantity table per sheet.
- v. Project technical specifications Utilize SAWS Construction & Material standard Specification.



vi. Front-end contract requirements – review SAWS additions to the CoSA General Conditions and determine conflicting language or recommend clarifications, if any.

#### c. Deliverables

- i. 95% Engineering Plans set, 1 PDF.
- ii. 95% OPCC. 1 PDF.
- iii. QA/QC checklists.
- iv. Annotate plans for response to 95% comments.

### IV. Final 100% design /Bid Phase Services

Upon receipt of 95% review comments, BGE will complete the Bid Phase services includes the following:

- a. Prepare final Engineering design plans for bid.
- b. Project Specifications; to include SAWS-provided standard technical specifications (SAWS standards and special specifications).
- c. Attendance at the Joint-Bid pre-construction conference. CoSA will lead the pre-bid conference and all direct communication with prospective bidders.
- d. Response to contractor questions via project addenda (assume 1 addenda).
- e. It is assumed that the review of all bidders will be conducted by CoSA and that BGE will not support the overall effort. BGE will review low bidder and/or their sub-contractor for general qualifications and check associated references in relation to SAWS project only.
- f. Analysis of variations in bid (compared to estimate) and recommendation of award.
- g. Issuance of conformed construction documents resulting from project addenda.
- h. Deliverables
  - i. 100% Signed and Sealed Engineering Plans set, 1 PDF.
  - ii. Conformed Signed and Sealed Engineering Plans set, 1 PDF.

#### V. Construction Phase Services

It is assumed that construction duration for the SAWS component of the Project is six (6) months. BGE will support the Project during construction as follows:

- a. Project Management / Coordination
- b. Attend pre-construction conference and provide meeting minutes.
- c. Respond to requests for Information (RFIs)/modifications 3 assumed.
- d. Project meetings/construction observation including construction observation reports assume 1 site visit per month (6 total).
- e. Construction material submittal reviews, 3 assumed.
- f. Monthly pay estimate review.
- g. Review change orders 2 change orders assumed, includes independent cost estimate, using latest RS mean cost estimate tools.



- h. Final completion include final completion walkthrough and issuance of punchlist items.
- i. Deliverables
  - i. Construction observation reports in pdf format
  - ii. Shop drawing submittal log in pdf format
  - iii. Change order log in pdf format
  - iv. Monthly pay estimate concurrence in pdf format
  - v. Material testing log- NOT INCLUDED

#### VI. Close Out Phase

- a. Prepare Record Drawings of water facilities for review.
- b. Deliverables.
  - i. Record Drawings Draft Review.
  - ii. Record Drawings Final Submittal.

## VII. Assumptions

- a. Topography Survey, base mapping, tree survey for easements and corresponding field notes are NOT INCLUDED in this proposal.
- Geotechnical NOT INCLUDED. BGE will utilize geotechnical borings and accompanying geotechnical design report provided by the County related to the County's roadway improvements project.
- c. Subsurface Utilities Engineering (SUE) NOT INCLUDED
- d. Environmental and Archeological professional services are not necessary for the construction of SAWS' portion of the project. All environmental and/or archeological permitting associated with pipeline relocations will be incorporated with the overall roadway improvement project managed by the County and will not be the responsibility of BGE.
- e. Preparation of tree protection plan sheets, permitting and coordination with COSA arborist are NOT INCLUDED in this proposal.
- f. An erosion and sedimentation control plan and a stormwater pollution prevention plan (SWPPP) NOT INCLUDED (It is assumed that said documents will be developed by the County's project engineer).

#### FEE ESTIMATE FOR Fredericksburg Road Project

Part		City of San Antonio - Transportation & Capital Improvements Department PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN	1														
Part		Project name: Fredericksburg Rd - (Culebra to W Craig Place 23-01582)			Sr. Project		EIT	Designer	Admin								
	TEM	Prepared By: Abdel Hamed, P.E.	Sneets	\$ 200.00	\$ 182.00	\$ 158.00	\$ 95.00		\$ 65.00	Cost			1				COST
Company   Comp	Ė	TASK				HOURS											
100   March   100   10		70% Design Phase							5		\$ -	\$ -	\$		\$ -	•	\$ 54,168 \$ 41,550
1	1.1 w	Meetings		-	3	3	2		-	\$ 1,210	•		1				41,000
100   Process   100   Proces	1.3 w	Develop General Notes & Overall Quantity Tables	2			2	4	4		\$ 1,136							
100   Process   100   Proces	1.5 w	Develop Plan sheet (Summary table adjustment)			8	20	4 60	4 108		\$ 1,136 \$ 22,196			-				
100   March   100   10	1.6 w	Develop Misc. Water Details	2			2	3	7		\$ 1,371							<u> </u>
100   Dec. of the present of the p	1.8 w	QA/QC review		8		-	Ů			\$ 1,600							
1.50   Proceedings	1.10 w	Site Visit and Measurements			8	6	6			\$ 1,518							
1.50   Prof. Prof. Prof. Prof.   1.50   1.		Prepare responses and address comments			2	5 6	7 8	8 8	1					-			
1	1.13 w	Prepare Change of Service Form  2 Saver Design -70% Design Phase	- 11	3	1 10	2	3	32	2	\$ 913	٠.	٠.	•		٠.	۹ .	\$ 12618
200   Company and an Company State Systems   1		Meetings		Ü	1	1				\$ 340	-	•	Ť		_		12,010
20   Design for the final formula year depleted	2.3 s	Develop General Notes & Overall Quantity Tables	- 1		1	1		3		\$ 765							
150   Control of Con		Develop Overall Project Layout  Develop Plan sheet (Summary table adjustment)			1 2	1 4				\$ 860 \$ 3,296				-			
1	2.6 s	Develop Misc. Sewer Details				1	2	2		\$ 568							<u> </u>
1	2.8 s	QA/QC review		3	-					\$ 600							
1   2   4   2   2   1   1   2   4   2   2   1   1   2   4   5   4   5   4   5   5   5   5   5	2.10 s	Site Visit and Measurements			1	4	4			\$ 1,194							
Main Change 1875 Depart Planes   1	2.11 s	Identify Potential Conflict Prepare responses and address comments	+		2	2		6 2	2	\$ 1,910 \$ 1,228			+-	4			
The Control Page   19					24												\$ 27,366
1.50   March   1.50		Water Design - 95% Design Phase	21	6		31		52		\$ 19,317.00	\$ ·	\$ -	\$		\$ -	s -	\$ 27,366 \$ 19,317
13   United Execut Water & Country Carlos   13   United Execut Water & Country Carlos   13   United Execut Water & Country Carlos   14   United Execut Water & Country Carlos   15   United Execut Water & Country Carlos   16   United Execut Water & Country Carlos   17   United Execut Water & Country Carlos   18   United Execut Water & Country Carlos   19   United Execut Water & Country Carlos   10   United Execut Water & Country Carlos   11   United Execut Water & Country Carlos   12   United Execut Water & Country Carlos   13   United Execut Water & Country Carlos   14   United Execut Water & Country Carlos   15   United Execut Water & Country Carlos   16   United Execut Water & Country Carlos   17   United Execut Water & Country Carlos   18   United Execut Water & Country Carlos   18   United Execut Water & Country Carlos   19   United Execut Water & Country Carlos   10   United Execut Water & Country Carlos   11   United Execut Water & Country Carlos   12   United Execut Water & Country Carlos   13   United Execut Water & Country Carlos   14   United Execut Water & Country Carlos   15   United Execut W	1.1 w	Meetings	1		2	2		1					1	-1			
10   10   10   10   10   10   10   10	1.3 w	Update General Notes & Overall Quantity Tables				1		2		\$ 473				=			-
1.00   1.00	1.4 W	Updatep Overall Project Layout	15		3	10	32			\$ 568 \$ 9,566							
1	1.6 w	Update Misc. Water Details Updateo Initial Cost Estimate	2		1	1	2	3		\$ 678	-		1	7			
198	1.8 w	QA/QC review		6	4					\$ 1,200							
1.00   Propose nanous and address community	1.10 w	Site Visit and Measurements				3				\$ 1,020							
Series Personal March (1997)   199   179   2   8   8   8   8   8   8   8   8   8	1.11 w	Identify Potential Conflict Prepare responses and address comments			1 2			4	1					-			
2.15   Montage	1.13 w	Prepare Change of Service Form  2 Saver Design - 95% Design Phase	- 11	3	1 7	1 15	1 10	17	1 2	\$ 500	٠.	٠.	•		٠.	۹ .	\$ 8040
23.5   Useface Resear and Section (1)	2.1 s	Meetings		Ü	1	1		.,	•	\$ 340	•	•	•		•		0,045
25.5   United Present detail Devises	2.3 s	Update General Notes & Overall Quantity Tables	1			1		2		\$ 378							
25.5   Final Coef Editable		Update Overall Project Layout Update Plan and detail Sheets			1	1 4		10									
2   2   2   3   50   50   50   50   50   50   50	2.6 s	Finalize Cost Estimate			1	2				\$ 688							
200   Physics response and address comments   1   2   2   2   1   5   972	2.8 s	Coordination with SAWS Pipelines and COSA		,		2	2			\$ 506							
Bid Phase   S   S   S   S   S   S   S   S   S	2.9 s 2.10 s	Site Visit and Measurements Prepare responses and address comments			1	2		2	1								
Name Design - Bit Phase			20	8	5	20	31	16	0	\$ 10 375 00	٠	٠.	•		٠.	٠.	\$ 10.375
1		1 Water Design - Rid Phase	16	6	3	13	24	13		\$ 7,510.00	\$ -	\$ -	\$		\$ -	s -	\$ 7,510
1	1.1 W	QA/QC final review	16	6	0	- 0	10	1 1		\$ 1,310							
See Nahyan of Variations in Bile, Recommendation of Award     3   3   5   769	1.3 w	Attend Pre-Bid Conference			1	1 3	3							-			
21.5   Logistic and Finalize 100% submitted   4	1.5 w	Analysis of Variations in Bid, Recommendation of Award		2	2	3 7			0	\$ 759	e	6	e			e	e 200E
23.5   Absorption   24.5   Estate   25.5   Absorption   25.5   Estate   25.5   Absorption   25.5   Absor	2.18	Update and Finalize 100% submittal	4	2	1	2	3	3	Ü	\$ 1,113	•	•	9		, .	9 -	\$ 2,600
2   2   2   5   5   505	2.3 s	Attend Pre-Bid Conference		2	0	1				\$ 158							
Construction Phase		Issuance of Addenda			1	2								-			
Water Design - Construction Phase																	
1		Water Design - Construction Phase	0	0				0	12		\$ -	\$ -	\$	-	\$ -	s -	\$ 24,635 \$ 17,408
1.5 w   Debted Meetings		Project Management and Coordination	_		6	1			4	\$ 1,352			+	4			
See No.   Replace   RF1s	1.3 w	Project Meetings								\$ 1,264				=			
15 W   Redires/Cuartiffy Review Monthly Pay Estimates	1.5 w	Response to RFIs				4	4			\$ 1,012				=			
1.58 W Review Change Orders	1.7 w	Redline/Quantity Review, Monthly Pay Estimates  Construction Observation Reports			2 10	24	24		8	\$ 8,412			<u> </u>	_			
2   Sever Design - Conso Out Phase	1.8 w	Review Change Orders Final completion walkthrough (1 visit)			2		4			\$ 1,376 \$ 1,012		_		7			
2.24   Project Heritarys		2. Sewer Design - Construction Phase	0	0	7	26		0	5	\$ 7,227.00	ş -	\$ -	\$		\$ -	S -	\$ 7,227
2.3   Project Meetings	2.28	Attend Pre-Construction Meeting			3 1				3	\$ 340				=			
2.5.8 Regionary Review, Monthly Pay Estimates	2.3 s	Project Meetings	-			6 2	2			\$ 948 \$ 506			1	-			
27s   Construction Observation Reports   1   8   8   2   5   2,336	2.5 €	Response to RFIs			-1	1				\$ 348				=			
2.8   Final completion waithbrough (1 vist)	2.7 s	Construction Observation Reports			1	8			2	\$ 2,336				=			
Close Out Phase	2.8 s	Final completion walkthrough (1 visit)			1	2	2			\$ 688 \$ 506							
1. Water Design - Close Out Phase			0	0	3		18	48	· ·	\$ 8800	s -	s	s		s .	s -	\$ 8,800
2   Sever Design - Close Out Phase		Water Design - Close Out Phase	0		2	6	12			\$ 5,972	\$ .	\$ .	\$	-	\$ -	s -	\$ 5,972
2.18   Prepare Record Density   1   2   6   16   5   2.526		Sewer Design - Close Out Phase	0_	0	1	6 2	6		0	\$ 2,828	s -	\$ -	\$		\$ -	s -	\$ 2,828
1. Subsorface Utility Engineering (NOT INCLUDED)	2.1 s	Prepare Record Drawings			1	2	6	16		\$ 2,828				7			
2. Surveying Services (NOT INCLUDED)   0   \$ .     \$   \$   \$   \$   \$   \$   \$   \$		Supplemental Services	0	0		0	0	0			ş -	\$ -	\$		\$ -	s -	s -
OTHER COMBINED SUB-TOTAL 20 67 166 224 245 17 \$ 91,757.06 \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$ . \$		Subsurtace Utility Engineering (NOT INCLUDED)     Surveying Services (NOT INCLUDED)	1	1		-				\$ -			1	+			S -
MATER SUB-TOTAL   20 67 196   224   245   17 \$ 91/37/90   5 5 5 5 5 5 5 9 9 1 5 1 5 1 5 1 5 1 5 1																	s
SUPPLEMENTAL SERVICES SUB-TOTAL		WATER SUB-TOTAL										s -	s		s -	s -	\$ 91,757
TOTAL FOR ENGINEERING FEE SAWS   28   94   237   306   313   26   \$ 125,344.00   \$ -   \$ -   \$ -   \$ -   \$ -   \$ -   \$ 125,		SUPPLEMENTAL SERVICES SUB-TOTAL		0	0	0	0	0	0	\$ -	s -	\$ -	\$		\$ -	s -	\$ 33,587 \$ -
		TOTAL FOR ENGINEERING FEE SAWS		28	94	237	306	313	26	\$ 125,344.00	\$ -	\$ -	\$	-	\$ -	\$ -	\$ 125,344

Project Name: Project No: Fredericksburg Road 23-01582

LEONARD D. YOUNG, PE Prepared By:

Engineering Design Firm: Submittal: %

Date:

YPR 95% 11/13/20



UTILITY	OWNER	LOCATION		STAT	TION		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT
COMM (EXIST)	AT&T									_
			_		_					
TELEPHONE POWER POLE #1	AT&T	FREDERICKSBURG ROAD	33+88		27.8'	RT	CONFLICT W/PROP DRIVEWAY	RELOCATE POWER POLE	COORDINATE W/AT&T	48
UNDERGROUND TELEPHONE LINE(FROM AS-BUILTS)	AT&T	FREDERICKSBURG ROAD	44+00		57+00	RT	CONFLICT W/PROP INLET & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/AT&T	90A
TRAFFIC SIGNAL BOX	AT&T	FREDERICKSBURG ROAD	45+88		27.3'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/AT&T	90
TELEPHONE POWER POLE #5	AT&T	W ASHBYL PL	10+76		19.6'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	COORDINATE W/AT&T	135
TH #13	POTHOLE	FREDERICKSBURG ROAD	55+81		29.2'	LT	DEPTH TO TOP OF UTILITY 3.08'	AVOID THE INFRASTRUCTURE		
FIBER PEDESTAL	AT&T	FREDERICKSBURG ROAD	66+50		36	RT	CONFLICT W/PROP SIDEWALK	MITIGATE IMPACT	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	166
DRAINAGE (EXIST)	COSA									
		FREDERICKSBURG	T 10	\(\(\)\(\)		l				
STORM DRAIN LINE	COSA	ROAD FREDERICKSBURG	20+48	XING		LT	CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	1
STORM DRAIN LINE	COSA	ROAD	21+4	XING		LT	CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	2
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	21+80	XING		LT	CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	3
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	22+24	XING		LT	CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	4
CURB INLET	COSA	FREDERICKSBURG ROAD	23+40		78.4	LT	CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	5
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	22+94	XING			CONFLICT W/PROP SIDEWALK AND ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	6
CURB INLET	COSA	FREDERICKSBURG ROAD	23+73		32.4'	RT	CONFLICT W/PROP CURB	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	17
STORM DRAIN LINE	COSA	PRINCETON AVE	10+44	XING	5.5'	LT	CONFLICT W/PROP INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	95
STORM DRAIN LINE	COSA	PRINCETON AVE	10+84	XING		RT	CONFLICT W/PROP RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	96
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	47+67	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	97

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UTILITY	OWNER	LOCATION		STAT	ΓΙΟΝ		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
STORM DRAIN LINE	COSA	UNIVERSITY AVE	10+53	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	120
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	49+83	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	121
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	54+37	XING		LT	CONFLICT W/PROP LT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	127
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	56+90	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	133
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	58+94	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	134
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD	62+00	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP	152
STORM DRAIN LINE	COSA	FREDERICKSBURG ROAD FREDERICKSBURG	63+63	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	153
PROP DRAIN INLET	COSA	ROAD FREDERICKSBURG	70+19		8'	LT	CONFLICT W/DRAIN LATERALS	VERIFY VERTICAL CLEARANCE	ADJUST PROP INLET CONFLICT RESOLVED WITH PROP	168
STORM DRAIN LINE	COSA	ROAD FREDERICKSBURG	70+18	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	IMPROVEMENTS	168A
STORM DRAIN LINE	COSA	ROAD FREDERICKSBURG	10+20	XING	42'	RT	CONFLICT W/PROP ADA RAMP	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA CONFLICT RESOLVED WITH PROP	168B
STORM DRAIN LINE	COSA	ROAD	72+21	XING			CONFLICT W/PROP LT AND RT INLET EXTENSIONS	VERIFY VERTICAL CLEARANCE	IMPROVEMENTS	169
TRAFFIC (EXIST)	COSA									_
TRAFFIC SIGNAL LIGHT POLE	0000	FREDERICKSBURG	00.07		07.4		CONFLICT W/DDOD CIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT	COORDINATE W/COCA	7
#01 TRAFFIC SIGNAL LIGHT POLE #02	COSA	ROAD FREDERICKSBURG ROAD	22+37		37.4' 48'	LT RT	CONFLICT W/PROP SIDEWALK  CONFLICT W/PROP ADA RAMP	POLE RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/COSA  COORDINATE W/COSA	8
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	22+09		52.6'		CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	9
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	22+17		66'		CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	10
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	22+17		55.9'	RT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	11
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	22+57		59.5'	LT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	12
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	22+53		98.3'	LT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	13
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	23+95		70.2'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	14

Project Name: Project No: Fredericksburg Road 23-01582

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UTILITY	OWNER	LOCATION		STATION		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
		FREDERICKSBURG							
LIGHT LUMINAIRE	COSA	ROAD	22+14	68.2'	RT	CONFLICT W/PROP ADA RAMP	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	15
TRAFFIC SIGNAL LIGHT		FREDERICKSBURG							
PEDESTAL	COSA	ROAD	22+12	60.1	RT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PEDESTAL	COORDINATE W/COSA	16
TRAFFIC SIGNAL LIGHT POLE		FREDERICKSBURG					RELOCATE TRAFFIC SIGNAL LIGHT		
#04	COSA	ROAD	25+43	33.10'	LT	CONFLICT W/PROP ADA RAMP	POLE	COORDINATE W/COSA	20
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	25+44	32.00'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	21
TRAFFIC SIGNAL LIGHT POLE		FREDERICKSBURG					RELOCATE TRAFFIC SIGNAL LIGHT		
#05	COSA	ROAD	25+31	45.0'	LT	CONFLICT W/PROP ADA RAMP	POLE	COORDINATE W/COSA	22
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	25+22	39'	RT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	23
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	25+31	39'	RT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	24
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	24+01	66'	LT	CONFLICT W/PROP ADA RAMP	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	25
		FREDERICKSBURG	1						
LIGHT LUMINAIRE	COSA	ROAD	24+09	67'	RT	CONFLICT W/PROP SIDEWALK	VERIFY VERTICAL CLEARANCE	COORDINATE W/COSA	26
TRAFFIC SIGNAL LIGHT POLE	000/1	FREDERICKSBURG	21100	07		CONTROL OBEWALK	RELOCATE TRAFFIC SIGNAL LIGHT	GOOKBIII/(12 W/GOO/(	20
#06	COSA	ROAD	26+06	40.2'	RT	CONFLICT W/PROP CURB	POLE	COORDINATE W/COSA	31
TRAFFIC SIGNAL LIGHT POLE	000/1	FREDERICKSBURG	20100	10.2		CONTEIOT WITHOU COND	RELOCATE TRAFFIC SIGNAL LIGHT	COOKBINATE WOODA	- 01
#07	COSA	ROAD	24+73	37.9'	LT	CONFLICT W/PROP CURB	POLE	COORDINATE W/COSA	32
TRAFFIC SIGNAL LIGHT POLE	000/1	FREDERICKSBURG	24170	07.5		CONTEIOT WITHOU COND	RELOCATE TRAFFIC SIGNAL LIGHT	COOKBINATE WOODA	02
#10	COSA	ROAD	32+78	38.9'	LT	CONFLICT W/PROP CURB	POLE	COORDINATE W/COSA	33
#10	OOOA	FREDERICKSBURG	32170	30.3	<u> </u>	CONTEIOT WITHOU COND	IOLL	COOKDINATE W/COSA	33
TRAFFIC PULL BOX	COSA	ROAD	33+04	35.3'	LT	CONFLICT W/PROP CURB	RELOCATE TRAFFIC PULL BOX	COORDINATE W/COSA	34
TRAITIET GEE BOX	COSA	FREDERICKSBURG	33704	33.3	<u> </u>	CONFEICT W/FROF CORB	RELOCATE TRAITICT OLL BOX	COOKDINATE W/COSA	34
TRAFFIC PULL BOX	COSA	ROAD	33+33	42.0'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	35
TRAITIC FOLL BOX	COSA	FREDERICKSBURG	33733	42.0	<u> </u>	CONFLICT W/FROF SIDEWALK	VERTICAL ADJUSTIMENT	COORDINATE W/COSA	33
TRAFFIC PULL BOX	COSA	ROAD	35+22	23.9'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	36
TRAFFIC FULL BOX	COSA	FREDERICKSBURG	35+22	23.9	LI	CONFLICT W/FROF SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	30
TRAFFIC PULL BOX	COSA	ROAD	33+45	24.7'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	37
TRAFFIC FULL BOX	COSA	FREDERICKSBURG	33+45	24.7	K1	CONFLICT W/FROF SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	31
TRAFFIC DULL BOY	COSA	ROAD	37+55	24.6'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE WICOSA	20
TRAFFIC PULL BOX	COSA		37+33	24.0	LI	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	38
TDAFFIC DULL DOV	0004	FREDERICKSBURG	20.00	04.01		CONFLICT W/DDOD CIDEWALK	VEDTICAL AD ILICTAENT	COORDINATE WICOCA	20
TRAFFIC PULL BOX	COSA	ROAD	38+89	24.2'	LI	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	39
TDAFFIC DULL DOY	0004	FREDERICKSBURG	44.50	04.6	l	CONFLICT W/DDOD CIDEVALALIA	VEDTICAL AD WATER T	OCCUPANTE WASCA	7.5
TRAFFIC PULL BOX	COSA	ROAD	41+52	24.9'	LI	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	75
TDAEELO DINA BOY	000:	FREDERICKSBURG	40 00	22.5		CONFLICT W/PDOD OIDS:	VEDTICAL AD	000000000000000000000000000000000000000	
TRAFFIC PULL BOX	COSA	ROAD	43+89	23.8'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	76
TRAFFIC SIGNAL LIGHT POLE		FREDERICKSBURG	<sub></sub>		l		RELOCATE TRAFFIC SIGNAL LIGHT		
#11	COSA	ROAD	44+65	24.6'	LT	CONFLICT W/PROP SIDEWALK	POLE	COORDINATE W/CPS	77
_		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	44+72	23.2'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/TXDOT	78

Project Name: Project No: Fredericksburg Road 23-01582

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UTILITY	OWNER	LOCATION		STATION		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
TRAFFIC SIGNAL LIGHT POLE		FREDERICKSBURG					RELOCATE TRAFFIC SIGNAL LIGHT		
#12	COSA	ROAD	45+01	24.6'	LT	CONFLICT W/PROP SIDEWALK	POLE	COORDINATE W/CPS	79
TRAFFIC SIGNAL LIGHT		FREDERICKSBURG							
PEDESTAL	COSA	ROAD	45+83	25.8'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PEDESTAL	COORDINATE W/CPS	80
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	47+09	24.7'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	81
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	47+59	24.8'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	82
TRAFFIC SIGNAL LIGHT POLE #13	COSA	FREDERICKSBURG ROAD	47+69	26.5'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/CPS	83
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	47+84	38.9	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	84
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	47+84	39.3'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	85
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	44+60	23.5'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/TXDOT	87
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	45+83	28.7'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	88
TRAFFIC SIGNAL LIGHT POLE #14	COSA	FREDERICKSBURG ROAD	45+89	27.3'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/COSA	89
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	45+98	24.7'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	91
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	46+42	24.0'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	92
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	47+57	24.1'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	93
TRAFFIC SIGNAL LIGHT PEDESTAL	COSA	FREDERICKSBURG ROAD	47+86	27.2'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PEDESTAL	COORDINATE W/COSA	94
TRAFFIC SIGNAL LIGHT PEDESTAL	COSA	FREDERICKSBURG ROAD	48+66	29.6'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC PEDESTAL	COORDINATE W/COSA	99
TRAFFIC SIGNAL LIGHT POLE #15	COSA	FREDERICKSBURG ROAD	48+53	26.5'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/COSA	100
TRAFFIC SIGNAL LIGHT POLE #16	COSA	FREDERICKSBURG ROAD	48+76	27.7'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/COSA	101
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	48+95	23.7'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/TXDOT	102
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	50+46	24.6'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	103
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	51+37	24.3'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	104
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	48+76	24.6'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/TXDOT	105
TRAFFIC SIGNAL LIGHT POLE #17	COSA	FREDERICKSBURG ROAD	55+63	30.2'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT POLE	COORDINATE W/COSA	106

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TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	55+66		LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/TXDOT	107
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	52+66	22.9'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	108
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	53+57	23.0	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	109
TD 4 FF10 DIN 1 DOV	0004	FREDERICKSBURG	54.04	00.0		CONTENT IN A PROPERTY AND A	VEDTION AD INSTRUCT		110
TRAFFIC PULL BOX	COSA	ROAD FREDERICKSBURG	54+64	23.2	RI	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	110
TRAFFIC PULL BOX	COSA	ROAD	55+71	35.8	PT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	111
TRAFFIC SIGNAL LIGHT POLE	COSA	FREDERICKSBURG	33+71	33.0	181	CONTEICT W/I NOT SIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT	COOKDINATE W/COSA	111
#18	COSA	ROAD	55+89	25.9	RT	CONFLICT W/PROP SIDEWALK	POLE	COORDINATE W/COSA	112
TRAFFIC SIGNAL LIGHT POLE		FREDERICKSBURG					RELOCATE TRAFFIC SIGNAL LIGHT	CONFLICT RESOLVED WITH PROP	
#19	COSA	ROAD	56+52	35.0	LT	CONFLICT W/PROP SIDEWALK	POLE	IMPROVEMENTS	129
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	58+07	23.6	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	131
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	58+92	23.9	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	132
TRAFFIC SIGNAL LIGHT POLE	0004	FREDERICKSBURG	04 : 00	00.0	١.,	CONFLICT W/DDOD CIDEWALK	RELOCATE TRAFFIC SIGNAL LIGHT		450
#20	COSA	ROAD	61+32	26.9	LT	CONFLICT W/PROP SIDEWALK	POLE	COORDINATE W/COSA	150
TRAFFIC PULL BOX	COSA	FREDERICKSBURG ROAD	61+87	24.6'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	151
TRAFFIC PULL BOX	COSA	FREDERICKSBURG	01+07	24.0		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	151
TRAFFIC PULL BOX	COSA	ROAD	61+79	24.6'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	151A
110 11 110 1 011 110 11	000/1	FREDERICKSBURG	01170	20		CONTROL CIDENTIAL	VERTICAL ABOUT MERT	SOURDING TE WOODA	10171
TRAFFIC PULL BOX	COSA	ROAD	67+53	22'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	163
		FREDERICKSBURG							
TRAFFIC PULL BOX	COSA	ROAD	67+53	22'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/COSA	164
TRAFFIC SIGNAL LIGHT		FREDERICKSBURG					RELOCATE TRAFFIC SIGNAL LIGHT	CONFLICT RESOLVED WITH PROP	
PEDESTAL	COSA	ROAD	65+44	27'	RT	CONFLICT W/PROP SIDEWALK	POLE	IMPROVEMENTS	165
ELECTRIC (EXIST)	CPS								
ELECTRIC POLE #1	CPS	FREDERICKSBURG ROAD	25+76	23.7	LT	CONFLICT W/PROP ADA RAMP	RELOCATE POWER POLE	COORDINATE W/CPS	27
		FREDERICKSBURG		30					
ELECTRIC PULLBOX	CPS	ROAD FREDERICKSBURG	25+89	24.0	LT	CONFLICT W/PROP SIDEWALK	RELOCATE PULLBOX	COORDINATE W/CPS	28
ELECTRIC POLE #2	CPS	ROAD	26+11	26.0	LT	CONFLICT W/PROP ADA RAMP	RELOCATE POWER POLE	COORDINATE W/CPS	29
ELECTRIC PULLBOX	CPS	FREDERICKSBURG ROAD	26+12	23.1	LT	CONFLICT W/PROP ADA RAMP	RELOCATE PULLBOX	COORDINATE W/CPS	30

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UTILITY	OWNER	LOCATION		STATION		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
		FREDERICKSBURG				CONFLICT W/PROP SIDEWALK (REQUIRE 0.5 FEET OF			
POWER POLE #14	CPS	ROAD	35+27	25.9'	LT	ADA CLEARANCE)	RELOCATE POWER POLE	COORDINATE W/CPS	52
POWER POLE #15	CPS	FREDERICKSBURG ROAD	37+54	26.1'	LT	CONFLICT W/PROP SIDEWALK (REQUIRE 0.2 FEET OF ADA CLEARANCE)	RELOCATE POWER POLE	COORDINATE W/CPS	53
TOWERT GEE #13	01 0	FREDERICKSBURG	37134	20.1	<u> </u>	ADA CLEARAIGE)	RELOGATE TOWER TOLE	NO LONGER A CONFLICT(MEETS ADA	
POWER POLE #17	CPS	ROAD	39+49	26.7'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	54
	0.00	FREDERICKSBURG		07.0					
POWER POLE #18	CPS	ROAD FREDERICKSBURG	36+88	27.6'	RI	CONFLICT W/PROP DRIVEWAY	RELOCATE POWER POLE	COORDINATE W/CPS	55
GUY ANCHOR	CPS	ROAD	37+07	25.6'	RT	CONFLICT W/PROP SIDEWALK	POTENTIAL ADJUSTMENT	COORDINATE W/CPS	55A
		FREDERICKSBURG						NO LONGER A CONFLICT(MEETS ADA	
POWER POLE #19	CPS	ROAD	40+80	28.0'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	69
DOWED DOLE #24	CPS	FREDERICKSBURG	42.20	20.7		CONFLICT W/DDOD ADA DAMD	DELOCATE DOWED DOLE	COOPDINATE WICES	70
POWER POLE #21	CPS	ROAD FREDERICKSBURG	43+30	29.7'	LT	CONFLICT W/PROP ADA RAMP	RELOCATE POWER POLE	COORDINATE W/CPS NO LONGER A CONFLICT(MEETS ADA	70
POWER POLE # 23	CPS	ROAD	42+74	37.8'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	71
		FREDERICKSBURG						NO LONGER A CONFLICT (MEETS ADA	
POWER POLE #24	CPS	ROAD	44+05	26.1'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	72
POWER POLE #25	CPS	FREDERICKSBURG ROAD	45+87	26.8'	LT	CONFLICT W/PROP ADA RAMP & PROP TRAF SIGNAL POLE	RELOCATE POWER POLE	COORDINATE W/CPS	73
FOWER FOLL #25	CF3	FREDERICKSBURG	45707	20.0	LI	FOLE	RELOCATE FOWER FOLE	NO LONGER A CONFLICT(MEETS ADA	
POWER POLE #29	CPS	ROAD	47+34	27.6'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	74
		FREDERICKSBURG						NO LONGER A CONFLICT(MEETS ADA	
ELECTRIC GUY DEADMAN POLE	CPS	ROAD	47+80	26.8'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE) NO LONGER A CONFLICT(MEETS ADA	86
POWER POLE #30	CPS	FREDERICKSBURG ROAD	48+68	27.7'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE)	113
1 OWERT SEE #60	0.0	ROAD	10.100	27.7		CONTROL CIDEWILL	NEEGG/NET GWENT GEE	OLL/WWWDL)	110
POWER POLE #31	CPS	UNIVERSITY AVE	10+46	18.5'	LT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	COORDINATE W/CPS	114
DOWED DOLE WALL	000	LINID (EDOLT) (A) (E	40.00	47.0		CONFLICT W/PROP SIDEWALK (REQUIRE 1.5 FEET OF	DEL 0.04TE DOWED DOLE		145
POWER POLE #31A	CPS	UNIVERSITY AVE FREDERICKSBURG	10+88	17.9'	LT	ADA CLEARANCE)	RELOCATE POWER POLE	COORDINATE W/CPS	115
POWER POLE #32	CPS	ROAD	49+99	25.9'	LT	CONFLICT W/PROP SIDEWALK & INLET	RELOCATE POWER POLE	COORDINATE W/CPS	116
		FREDERICKSBURG				CONFLICT W/PROP SIDEWALK (REQUIRE 0.5 FEET OF			
POWER POLE #33	CPS	ROAD	51+61	25.5'	LT	ADA CLEARANCE)	RELOCATE POWER POLE	COORDINATE W/CPS	117
DOWER DOLE #35	CDC	FREDERICKSBURG	E1.10	27.0	рт	CONFLICT W/DDOD SIDEWALK	DELOCATE DOWER DOLE	NO LONGER A CONFLICT(MEETS ADA	
POWER POLE #35	CPS	ROAD FREDERICKSBURG	51+10	27.0'	KI	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	CLEARANCE) CONFLICT RESOLVED WITH PROP	118
POWER POLE #40	CPS	ROAD	55+73	42.4'	RT	CONFLICT W/PROP SIDEWALK	RELOCATE POWER POLE	IMPROVEMENTS	128
		FREDERICKSBURG		•					
FIBER OPTIC MANHOLE	CPS	ROAD	72+93	23.4	RT	CONFLICT W/PROP SIDEWALK	ADJUST MANHOLE	COORDINATE W/CPS	174
ı									
GAS (EXIST)	CPS								

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UTILITY	OWNER	LOCATION		STA	ΓΙΟΝ		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
GAS LINE	CPS	FREDERICKSBURG ROAD	26+21	XING		LT	CONFLICT W/PROP ADA RAMP & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	55A
GAS LINE	CPS	FREDERICKSBURG ROAD	35+06	XING		LT	CONFLICT W/PROP SIDEWALK & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	55
GAS LINE	CPS	FREDERICKSBURG ROAD	35+72	XING		RT	CONFLICT W/PROP SIDEWALK & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	56
GAS LINE	CPS	FREDERICKSBURG ROAD	38+97	XING		LT	CONFLICT W/PROP SIDEWALK & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	56A
GAS LINE	CPS	PRINCETON AVE	10+75		9.45'	RT	CONFLICT W/PROP INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	56B
TH #07	POTHOLE	PRINCETON AVE	10+75		9.45'	RT	DEPTH TO TOP OF UTILITY 2.60'	AVOID THE INFRASTRUCTURE		
GAS LINE	CPS	FREDERICKSBURG ROAD	42+04	XING			CONFLICT W/PROP SIDEWALK & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	98
TH #09	POTHOLE	FREDERICKSBURG ROAD	45+82		35.89'		DEPTH TO TOP OF UTILITY 4.88'	AVOID THE INFRASTRUCTURE		
GAS LINE (FROM AS-BUILTS)	CPS	FREDERICKSBURG ROAD	45+88	XING	00.00		CONFLICT W/PROP SIDEWALK & ROADWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	98A
GAS LINE	CPS	UNIVERSITY AVE	10+54		3.0'		CONFLICT W/PROP INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/CPS	98B
TH #11	POTHOLE	UNIVERSITY AVE	10+54		3.0'		DEPTH TO TOP OF UTILITY 4.81'	AVOID THE INFRASTRUCTURE		
GAS VALVE	CPS	FREDERICKSBURG ROAD	67+07		23.1'			1 RELOCATE GAS VALVE	COORDINATE W/CPS	167
WATER (EXIST)	SAWS									
	1 1		1		<u> </u>	<u> </u>	T		1	
WATER METER	SAWS	N FLORES ST	22+54		71.7	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	18
12" WATER MAIN	SAWS	FREDERICKSBURG ROAD	23+29	LONG			CONFLICT W/PROP ADA RAMP	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	18A
WATER METER	SAWS	N FLORES ST	22+46		130.6	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	19
WATER METER	SAWS	N FLORES ST	12+84		30.7'	LT	CONFLICT W/PROP DRIVEWAY	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	5A
TH #01	POTHOLE	FREDERICKSBURG ROAD	32+52		28'	RT	DEPTH TO TOP OF UTILITY 4.56'	AVOID THE INFRASTRUCTURE		
8" WATER MAIN	SAWS	FREDERICKSBURG ROAD	33+54	LONG	22.8	LT	CONFLICT W/PROP INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	5B

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UTILITY	OWNER	LOCATION	STATION				CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
TH #02	POTHOLE	FREDERICKSBURG ROAD	33+74		22.8'	LT	DEPTH TO TOP OF UTILITY 3.02'	AVOID THE INFRASTRUCTURE		
TH #03	POTHOLE	FREDERICKSBURG ROAD	34+90		21.6'	LT	DEPTH TO TOP OF UTILITY 4.42'	AVOID THE INFRASTRUCTURE		
8" WATER MAIN	SAWS	FREDERICKSBURG ROAD	34+84	LONG	22.5'	LT	CONFLICT W/PROP INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	5C
WATER METER	SAWS	FREDERICKSBURG ROAD	35+29		25.5'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	40
WATER METER	SAWS	FREDERICKSBURG ROAD	33+80		27.6'	RT	CONFLICT W/PROP DRIVEWAY	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	41
WATER VALVE	SAWS	FREDERICKSBURG ROAD	37+68		20.6'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	42
8" PVC WATER MAIN	SAWS	FREDERICKSBURG ROAD	37+68	LONG			CONFLICT W/PROP SIDEWALK	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	43
WATER VALVE	SAWS	FREDERICKSBURG ROAD	37+69		18.3'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	44
WATER METER	SAWS	FREDERICKSBURG ROAD	39+93		25.2'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	45
WATER METER	SAWS	FREDERICKSBURG ROAD	39+95		24.7'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	46
WATER METER	SAWS	FREDERICKSBURG ROAD	36+29		25.6'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	47
TH #04	POTHOLE	FREDERICKSBURG ROAD	40+05		19.8'	LT	DEPTH TO TOP OF UTILITY 4.23'	AVOID THE INFRASTRUCTURE		
8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD	40+75		74+30	LT	CONFLICT W/PROP CURB INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	57
6" AC WATER MAIN	SAWS	FREDERICKSBURG ROAD	40+76	XING			CONFLICT W/PROP DRIVEWAY	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	58
WATER VALVE	SAWS	FREDERICKSBURG ROAD	40+76		20.8'	LT	CONFLICT W/PROP DRIVEWAY	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	59
TH #05	POTHOLE	FREDERICKSBURG ROAD	41+60		20.4'	LT	DEPTH TO TOP OF UTILITY 4.00'	AVOID THE INFRASTRUCTURE		
WATER METER	SAWS	FREDERICKSBURG ROAD	41+99		26.9'	LT	CONFLICT W/PROP DRIVEWAY	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	60
WATER METER	SAWS	FREDERICKSBURG ROAD	42+56		27.6'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	61
8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD	43+16	XING			CONFLICT W/PROP SIDEWALK	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	62
WATER VALVE	SAWS	FREDERICKSBURG ROAD	43+16		22.3'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	63
WATER METER	SAWS	FREDERICKSBURG ROAD	41+75		26.4'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	65
TH #06	POTHOLE	PRINCETON AVE	10+75		11.3'		DEPTH TO TOP OF UTILITY 3.19'	AVOID THE INFRASTRUCTURE		

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UTILITY OWNER LOCA		LOCATION		STATION		CONFLICT DESCRIPTION	RECOMMENDED ACTION REQ'D	STATUS	UTILITY CONFLICT ID
6" DI WATER MAIN	SAWS	PRINCETON AVE	10+75	11.3	' LT	CONFLICT W/PROP INLET	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	56C
8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD FREDERICKSBURG	43+98	44+4	2 LT	CONFLICT W/PROP INLET	ADJUST EXISTING INLET	COORDINATE W/SAWS	66
8" DI WATER MAIN	SAWS	ROAD	46+79	17.7	LT	CONFLICT W/PROP STORM DRAIN	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	66A
WATER METER	SAWS	FREDERICKSBURG ROAD	45+24	27.0	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	67
WATER METER	SAWS	UNIVERSITY AVE	10+38	28.9	<u>LT</u>	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	122
WATER METER	SAWS	UNIVERSITY AVE FREDERICKSBURG	10+39	23.2	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	123
TH #08	POTHOLE	ROAD FREDERICKSBURG	44+17	20.0	' LT	DEPTH TO TOP OF UTILITY 3.08'	AVOID THE INFRASTRUCTURE		
TH #10	POTHOLE	ROAD	46+79	17.7	· LT	DEPTH TO TOP OF UTILITY 5.32'	AVOID THE INFRASTRUCTURE		
WATER METER	SAWS	FREDERICKSBURG ROAD	48+66	27.0	' RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	124
TH #12	POTHOLE	UNIVERSITY AVE	10+54	7.2	RT	DEPTH TO TOP OF UTILITY 2.83'	AVOID THE INFRASTRUCTURE		
WATER MAIN	SAWS	UNIVERSITY AVE	10+54	7.2	RT	CONFLICT W/PROP INLET	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	123A
WATER METER	SAWS	FREDERICKSBURG ROAD	52+64	27.6	' RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	125
WATER METER	SAWS	FREDERICKSBURG ROAD	54+74		LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	126
TH #14	POTHOLE	FREDERICKSBURG ROAD	56+46	31.3	' LТ	DEPTH TO TOP OF UTILITY 5.58'	AVOID THE INFRASTRUCTURE		
TH #15	POTHOLE	FREDERICKSBURG ROAD	56+91	15.7	' LТ	DEPTH TO TOP OF UTILITY 3.78'	AVOID THE INFRASTRUCTURE		
8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD	56+91	15.6	' LT	CONFLICT W/PROP STORM DRAIN	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	133A
WATER METER	SAWS	FREDERICKSBURG ROAD	57+94	26.4	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	130
WATER VALVE	SAWS	FREDERICKSBURG ROAD	61+09	13.3	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	136
WATER VALVE	SAWS	FREDERICKSBURG ROAD	61+18	12.6	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	137
WATER METER	SAWS	FREDERICKSBURG ROAD	62+47	25.0	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	138
WATER METER	SAWS	FREDERICKSBURG ROAD	63+49	25.2	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	139
WATER METER	SAWS	FREDERICKSBURG ROAD	63+51	26.0	' LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	140

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WATER METER	SAWS	FREDERICKSBURG ROAD	63+53	25.9'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	141
WATER METER	SAWS	FREDERICKSBURG ROAD	63+55	25.7'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	142
WATER METER	SAWS	FREDERICKSBURG ROAD	63+56	25.9'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	143
WATER METER	SAWS	FREDERICKSBURG ROAD	61+29	25.6'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	144
WATER METER	SAWS	FREDERICKSBURG ROAD	61+30	25.5'		CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	145
WATER METER	SAWS	FREDERICKSBURG ROAD	61+32	25.6'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	146
WATER METER	SAWS	FREDERICKSBURG ROAD	63+36	24.5'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	147
WATER METER	SAWS	FREDERICKSBURG ROAD	63+37	23.9'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	148
WATER METER	SAWS	FREDERICKSBURG ROAD	63+38	24.4'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	149
6" DI WATER MAIN	SAWS	W FRENCH PL	10+37	9'	LT	CONFLICT W/PROP INLET	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	154
WATER VALVE	SAWS	FREDERICKSBURG ROAD	66+71	25'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	155
WATER METER	SAWS	FREDERICKSBURG ROAD	67+33	26.5'	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	CONFLICT RESOLVED WITH PROP IMPROVEMENTS	156
WATER METER	SAWS	FREDERICKSBURG ROAD	68+30	26.1'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	157
WATER METER	SAWS	FREDERICKSBURG ROAD	68+34	26.1'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	158
WATER METER	SAWS	FREDERICKSBURG ROAD	68+52	25.2'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	159
WATER METER	SAWS	FREDERICKSBURG ROAD	69+62	26.4'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	160
WATER VALVE	SAWS	FREDERICKSBURG ROAD	69+89	19.3'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	161
WATER VALVE	SAWS	FREDERICKSBURG ROAD	69+91	18.2'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	162
TH #16	POTHOLE	FREDERICKSBURG ROAD	70+19	17.45	LT	DEPTH TO TOP OF UTILITY 4.05'	AVOID THE INFRASTRUCTURE		
FIRE HYDRANT	SAWS	FREDERICKSBURG ROAD	72+05	26.8'	LT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	170
8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD	72+21	20'	LT	CONFLICT W/PROP STORM DRAIN	ADJUST EXISTING INLET	COORDINATE W/SAWS	171
TH #17	POTHOLE	FREDERICKSBURG ROAD	72+21	20.2'	LT	DEPTH TO TOP OF UTILITY 4.23'	AVOID THE INFRASTRUCTURE		

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8" DI WATER MAIN	SAWS	FREDERICKSBURG ROAD	73+63	73+8	LT	CONFLICT W/PROP INLET	ADJUST EXISTING INLET	COORDINATE W/SAWS	172
FIRE HYDRANT	SAWS	W CRAIG PLACE	10+51	18.3	RT	CONFLICT W/PROP SIDEWALK	VERTICAL ADJUSTMENT	COORDINATE W/SAWS	175
SEWER (EXIST)	SAWS								
SEWER MANHOLE	SAWS	FREDERICKSBURG ROAD	40+71	24.0	LT	CONFLICT W/PROP SIDEWALK	VERIFY VERTICAL CLEARANCE	COORDINATE W/SAWS	68

### LEGEND

AT&T U/G COMMUNICATION CENTURY LINK U/G COMMUNICATION GRANDE U/G COMMUNICATION CPS U/G ELECTRIC CPS O/H ELECTRIC — OE — CPS U/G GAS — SS — SAWS SANITARY SEWER SAWS WATER --- SD STORM SEWER COMMUNICATION MANHOLE CPS ELECTRIC MANHOLE EX TRAFFIC POLE/CPS POLE  $\odot$ SAWS FIRE HYDRANT SAWS SANITARY SEWER MANHOLE STORM SEWER MANHOLE EX WTR METER SAWS WATER VALVE TELEPHONE MANHOLE  $\nearrow$ UTILITY CONFLICT PROP FIBER OPTIC - FOL-PROP MCI — DB — SUE TEST HOLE EX SIGN 0

- 1. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ARE TAKEN FROM THE BEST INFORMATION AVAILABLE. THEY ARE NOT GUARANTEED TO BE ACCURATE AND MUST BE VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION.
- 2. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES WHETHER PUBLIC OR PRIVATE, PRIOR TO CONSTRUCTION

0 10 20 SCALE:1": 40' HORIZ

## 95% PRELIMINARY SUBMITTAL

## **PRELIMINARY** FOR REVIEW ONLY

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LEONARD D. YOUNG P.E.# NAME

YOUNG PROFESSIONAL RESOURCES



8209 Roughrider Drive, Suite 101 Windcrest, TX 78239 Tel. (210) 590-9215 Fax (210)590-9346 Young Professional Resources egistration No. F-8635



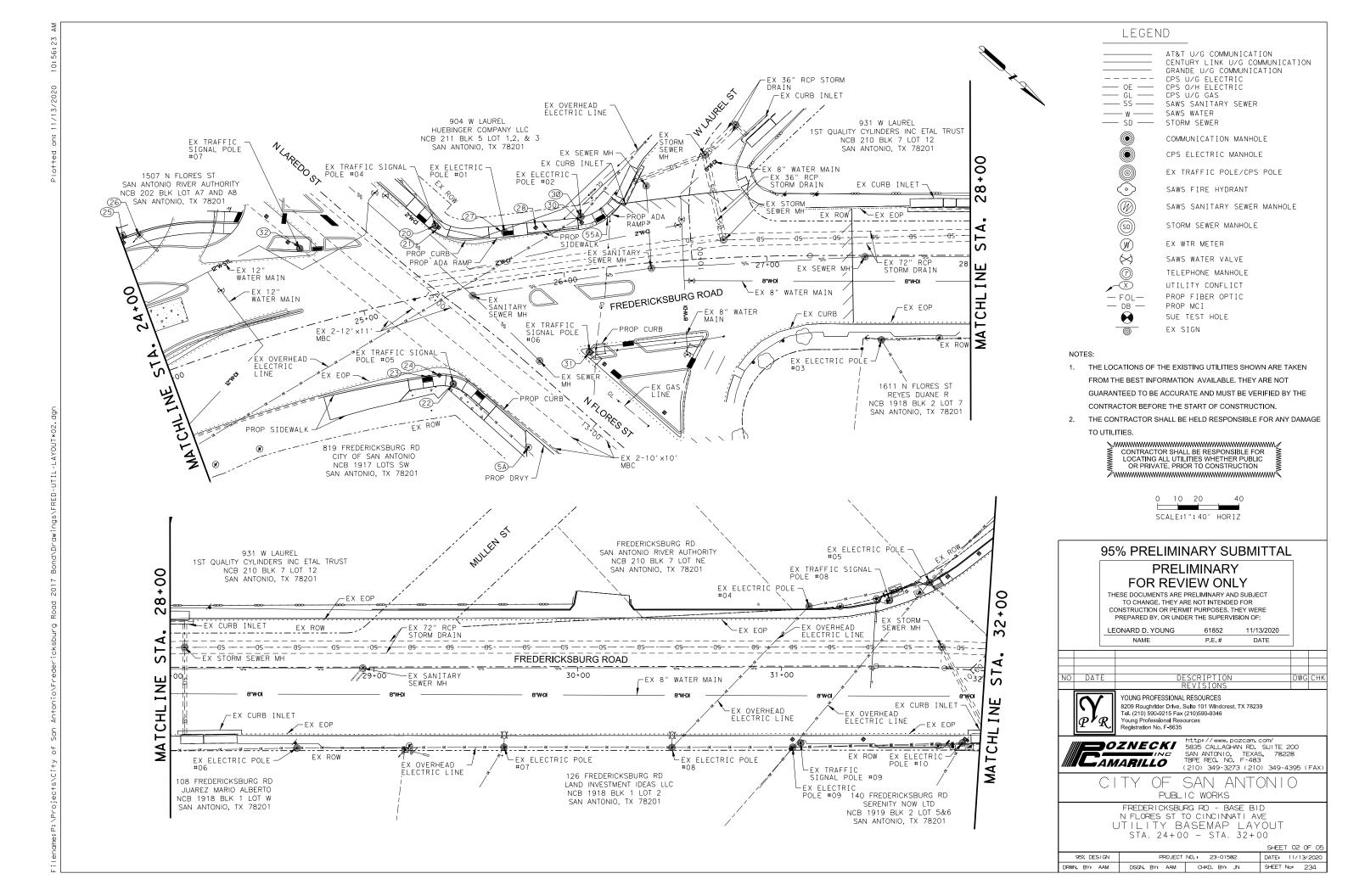
TOZNECKI http://www.pozcam.com/ 5835 CALLAGHAN RD. SUITE 200 SAN ANTONIO, TEXAS, 78228 TBPE REG. NO. F-483 (210) 349-3273 (210) 349-4395 (FAX)

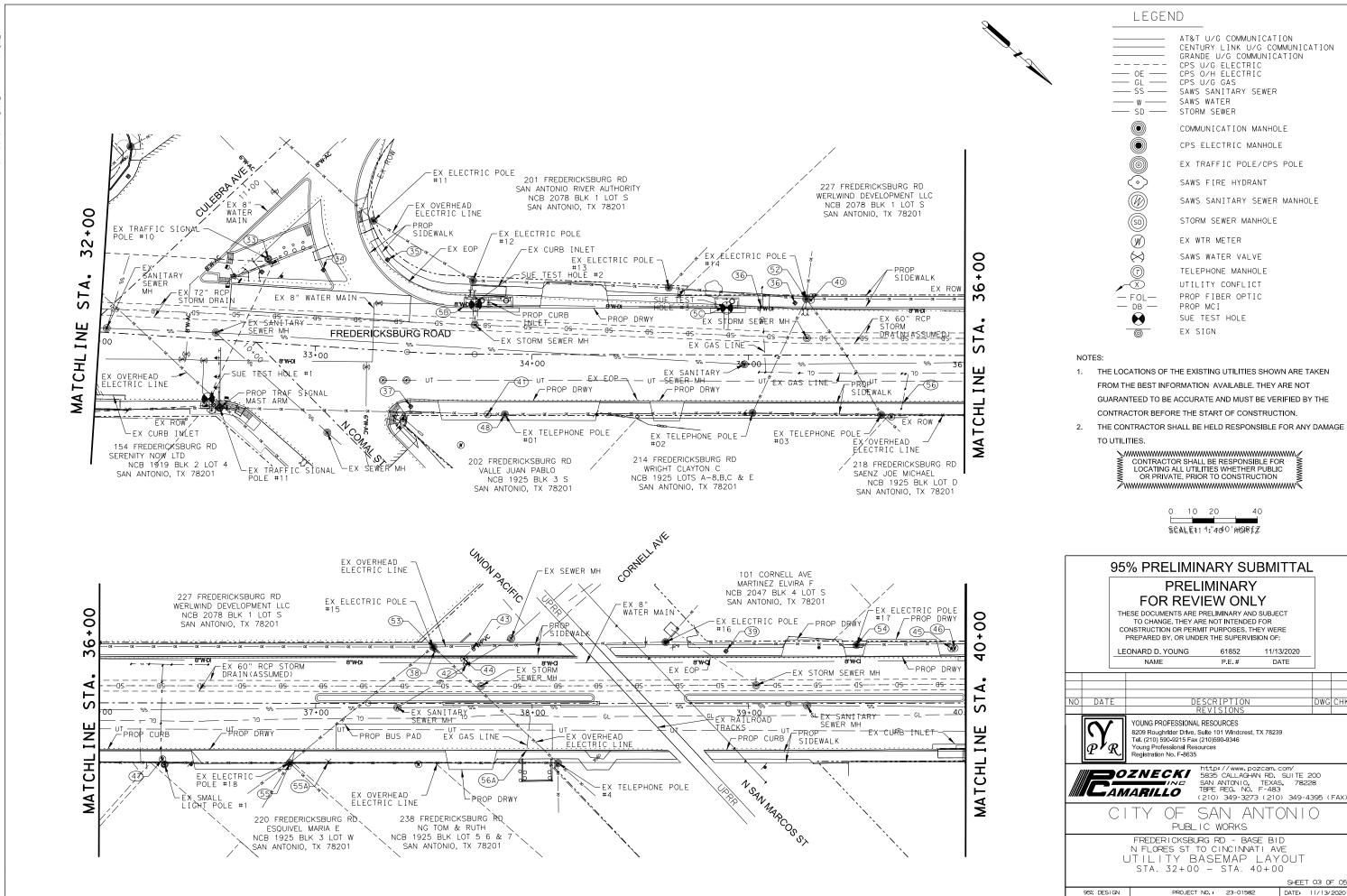
OF SAN ANTONIO

PUBLIC WORKS

FREDERICKSBURG RD - BASE BID N FLORES ST TO CINCINNATI AVE UTILITY BASEMAP LAYOUT STA. 20+39 - STA. 24+00

PROJECT NO.: 23-01582 DATE: 11/13/2020 DSGN. BY: AAM CHKD. BY: JN SHEET No: 233

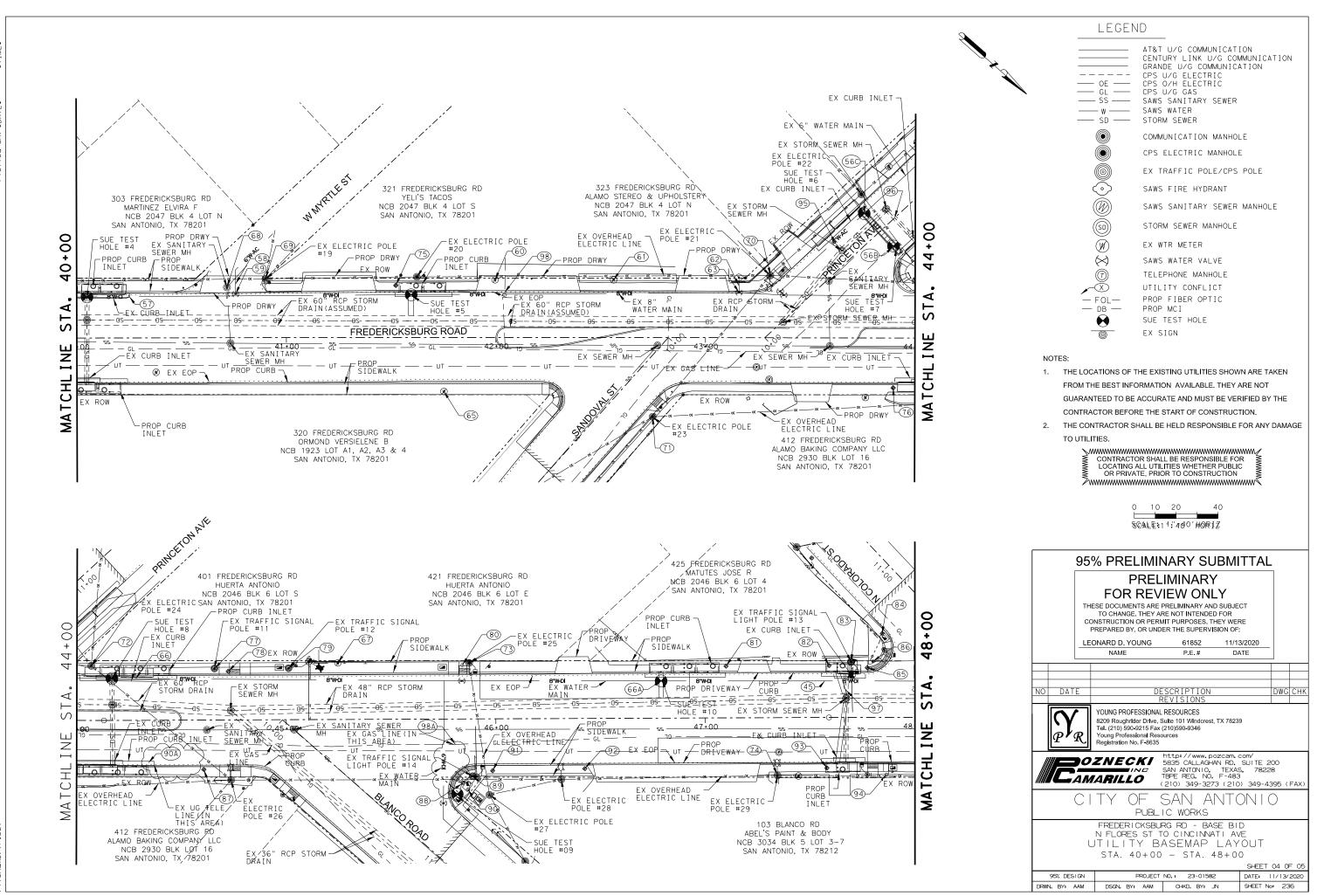




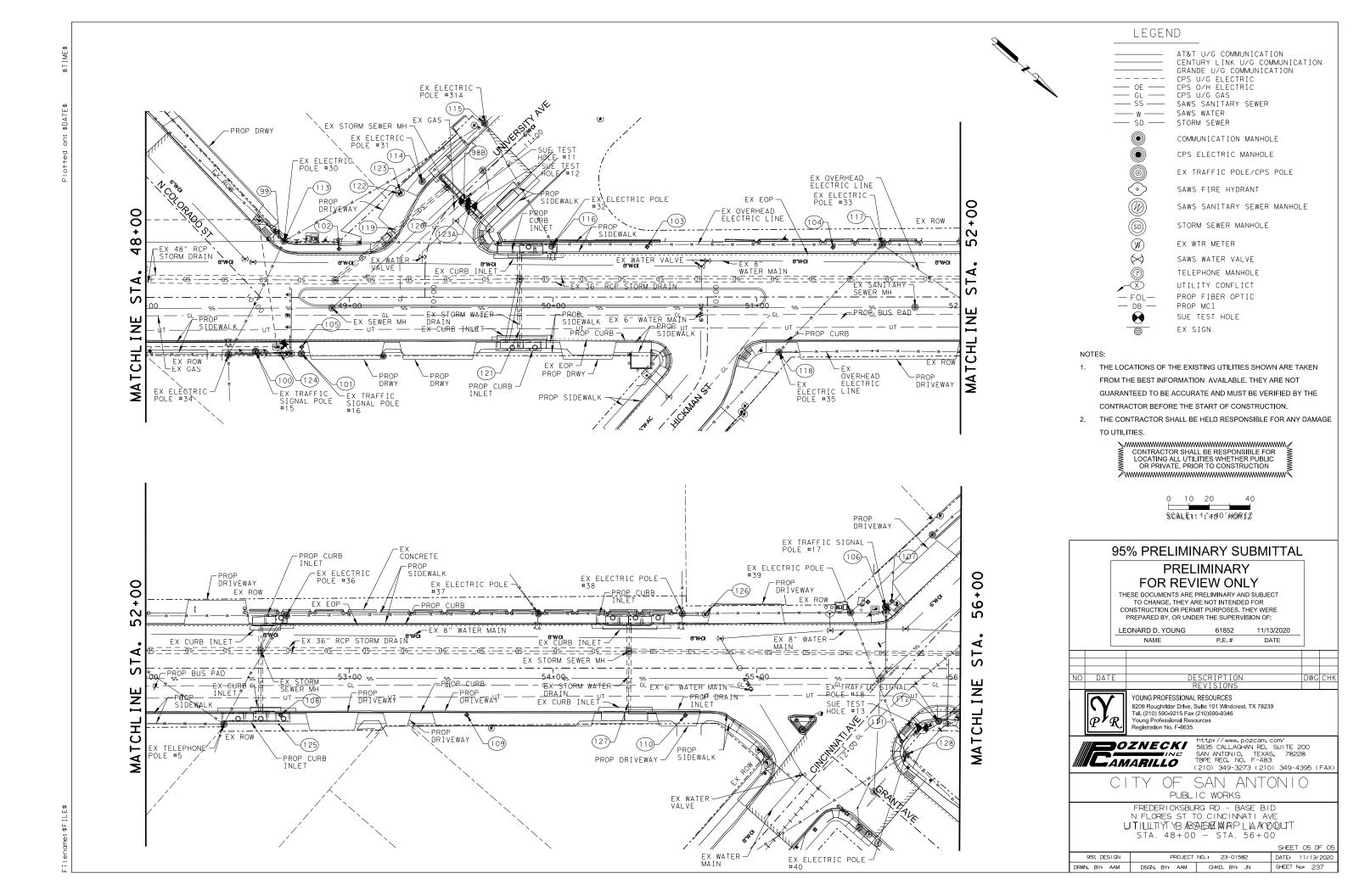
SHEET Not 235

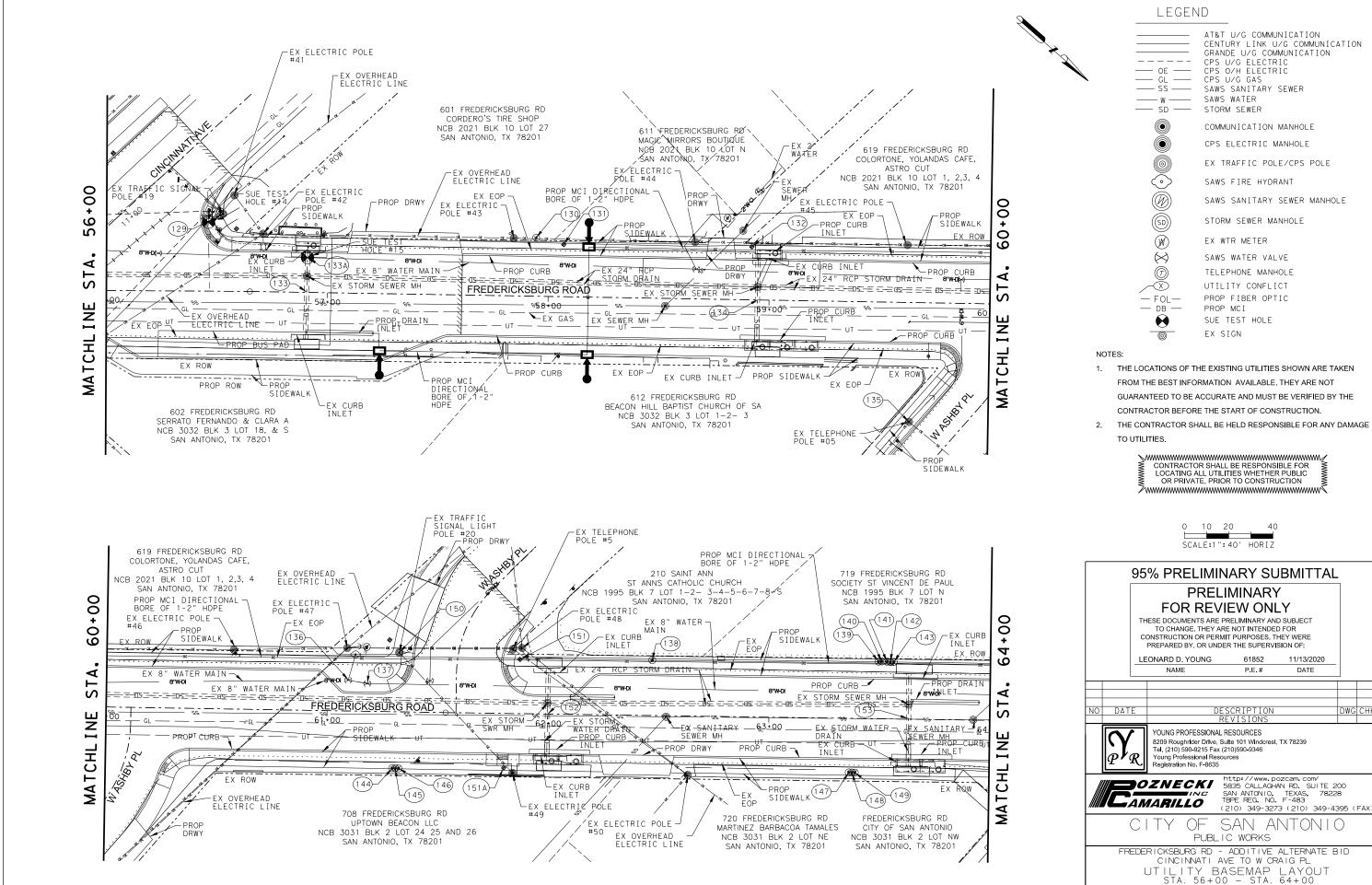
DSGN, BY: AAM CHKD, BY: JN

ename: \$FILE\$



POUNDS: \$FII F\$



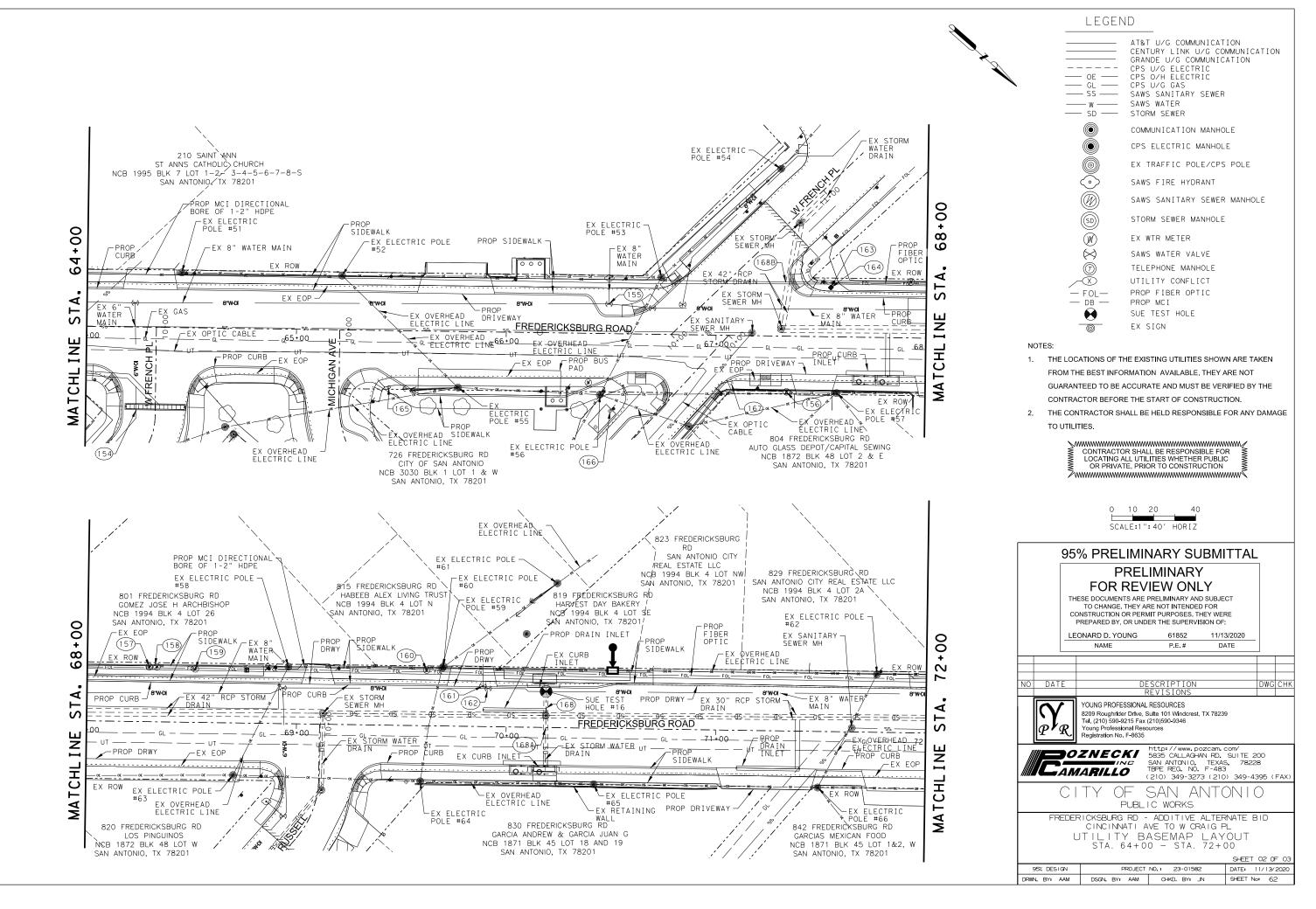


PROJECT NO.: 23-01582
DSGN. BY: AAM CHKD. BY: JN

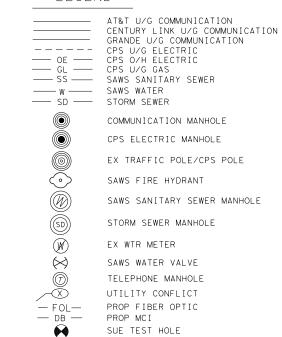
SHEET No: 61

lename: \$FILE





### LEGEND



#### NOTES:

1. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ARE TAKEN FROM THE BEST INFORMATION AVAILABLE. THEY ARE NOT GUARANTEED TO BE ACCURATE AND MUST BE VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION.

EX SIGN

2. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

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LEONARD D. YOUNG 61852 P.E.# DATE NAME

NO	DATE	DESCRIPTION	DWG	CHK
		REVISIONS		
		VOLING BROSEGOIONAL BEGOLIBOES		



YOUNG PROFESSIONAL RESOURCES 8209 Roughrlder Drive, Sulte 101 Windcrest, TX 78239 Tel. (210) 590-9215 Fax (210)590-9346 Registration No. F-8635



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CITY OF SAN ANTONIO PUBLIC WORKS

FREDERICKSBURG RD - ADDITIVE ALTERNATE BID CINCINNATI AVE TO W CRAIG PL UTILITY BASEMAP LAYOUT

STA. 72+00 - END

PROJECT NO.: 23-01582 DSGN. BY: AAM CHKD. BY: JN SHEET Not 63