

Olivehurst Public Utility District

Agenda Item Staff Report



Meeting Date: 09/17/26

Item description/summary:

Consider OPUD Approval for Scope additional for Septic to Sewer Project for Design.

Olivehurst Public Utility District (OPUD) submitted its application to the State for Grant funding for the Septic to Sewer Project in July that allowed a minimum 30% plan submittal. Psomas, the Engineer on the project is requesting an additional \$64,699 to Complete the design:

The request is in regard to the following:

- 1.) Adding another Location – Feather River Manor
- 2.) Relocated Pump Station and revision of another Pump site

Fiscal Analysis:

Grant was for \$605K
Currently Spent \$529K
Scope is additional \$64.7K
Will have \$11.3 remaining

Employee Feedback

N/A

Sample Motion:

Move forward to finalize Request for additional Engineering Funds in the amount of \$64,699

Prepared by: Swarnjit Boyal, Public Work Manager

EXHIBIT A – Proposal Scope and Cost

September 11, 2026

Mr. Swarnjit Boyal
Public Works Engineer
Olivehurst Public Utilities District

Re: Olivehurst Public Utilities District (OPUD)- Notice to Proceed- OPUD Sewer Consolidation Project,
June 25, 2024- Amendment No. 2

Dear Swarnjit;

Psomas is pleased to submit this scope of work and fee estimate for the Olivehurst Public Utilities District Sewer Design Additional Scope Items. The additional scope items include additional design services needed to address the following changes/additions to the Project: relocation of the proposed Sewer Pump Station at Arboga Road and McGowan Parkway; the addition of a biofilter at this pump station; the addition of a sewer pump station at Rose and Mage Avenues; and the addition of the Feather River Manor Sewer line.

The associated scope of work is included as Attachment A.

Our fee for these services is \$64,699.00. It is included as Schedule A, attached. This includes electrical engineering services for the two pump stations, included as Attachments B and C. We propose that this be Amendment No. 2 to our existing Notice to Proceed, dated June 25, 2024, for the OPUD Sewer Consolidation Project. If you are in agreement, please acknowledge by signing below.

401 B Street
Suite 1600
San Diego, CA 92101-4239

Tel 619.961.2800
Fax 619.961.2392
www.Psomas.com

Should you have any questions regarding our submittal, please feel free to contact me by phone at 619.961.2810 or by email at marc.weinberger@psomas.com.

Sincerely,

P S O M A S



Marc Weinberger, PE BCEE
Senior Project Manager



Sarah Curran, PE
Vice President

**Olivehurst Public Utility District
Approval**

Signature: _____ **Date:** _____
Swarnjit Boyal
Public Works Engineer

Schedule A
OPUD Sewer
Olivehurst Public Utility District
AMENDMENT NO. 2
Project Budget

Task Description	Personnel Hours															
	Principal in Charge (PIC)/ Sr. Project Manager	Senior Project Manager	Project Manager	Assistant Project Manager	Senior Project Engineer	Project Engineer	Professional Engineer/Lead CAD Designer	Civil Designer III	Civil Designer II	Civil Designer I	Admin.	Total Hours	Labor	Non-Labor (ODC + Subs)	Total	
Hourly Rates	\$260	\$250	\$220	\$205	\$200	\$185	\$165	\$155	\$145	\$135	\$120					
Task 1: Move Area 2 Pump Station																
a. New Grading and Demolition Plan		2					4	16				22	\$ 3,640		\$ 3,640	
b. New Horizontal Control Plan		2					4	16				22	\$ 3,640		\$ 3,640	
c. Revise Gravity Sewer and FM Connections		2					2	8				12	\$ 2,070		\$ 2,070	
d. Minor Revisions to Mechanical Plans							2	6				8	\$ 1,260		\$ 1,260	
e. Add Electrical Service		1										1	\$ 250	\$ 4,734	\$ 4,984	
Subtotal Task 1-	-	7	-	-	-	-	12	46	-	-	-	65	\$ 10,860	\$ 4,734	\$ 15,594	
Task 2: Add Biofilter																
a. Add Biofilter		4					1	24				29	\$ 4,885		\$ 4,885	
Subtotal Task 2	-	4	-	-	-	-	1	24	-	-	-	29	\$ 4,885	\$ -	\$ 4,885	
Task 3: Mage Avenue Pump Station																
a. Calculations		2							4			6	\$ 1,080		\$ 1,080	
b. Civil and Mechanical Plans		3						8	60			71	\$ 10,690		\$ 10,690	
c. Electrical, I&C and Telemetry		2						2	2			6	\$ 1,100	\$ 12,000	\$ 13,100	
d. Sewer Force Main Plan and Profile- 1 Sheet		2						2	8			12	\$ 1,970		\$ 1,970	
e. Specifications- Use Area 2 Specs												-	\$ -		\$ -	
f. OPCC		2								4	2	8	\$ 1,280		\$ 1,280	
Subtotal Task 3-	-	11	-	-	-	-	-	12	74	4	2	103	\$ 16,120	\$ 12,000	\$ 28,120	
Task 4: Feather Rvier Manor Sewer Line																
a. Survey- by the Water Line Project												-	\$ -		\$ -	
b. Utility Research- by the Water Line Project												-	\$ -		\$ -	
c. Design Drawings												-	\$ -		\$ -	
i. Plan and Profile- 5 Sheets								40				40	\$ 6,200		\$ 6,200	
ii.Connectionoon- 1 Sheet		1				1		16				18	\$ 2,915		\$ 2,915	
iii. Details		1						8				9	\$ 1,490		\$ 1,490	
d. Specifications- Use Existing						1						1	\$ 185		\$ 185	
e. OPCC	1	1						2		8		12	\$ 1,900		\$ 1,900	
Subtotal Task 4-	1	3	-	-	-	2	-	66	-	8	-	80	12,690	-	\$ 12,690	
Task 5: Submittals/Deliverables																
a. 60% Deliveravble		1					1	3				5	\$ 880		\$ 880	
b. 90% Deliverable		1					1	3				5	\$ 880		\$ 880	
c. Final Deliverable	2	2					1	3				8	\$ 1,650		\$ 1,650	
Subtotal Task 5-	2	4	-	-	-	-	3	9	-	-	-	18	3,410	-	\$ 3,410	
Task 999 - Reimbursables																
Reimbursables															\$ -	
Subtotal Task 999 - Reimbursables	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	
Total	3	29	-	-	-	2	16	157	74	12	2	295	\$ 47,965	\$ 16,734	\$ 64,699	

OLIVEHURST PUD SEPTIC TO SEWER PROJECT

ADDITIONAL SCOPE ITEMS

ATTACHMENT A

1. Move the Arboga Road and McGowan Pkwy. Sewer Pump Station north. See Exhibit A.
 - a. Complete revised grading and demolition plan.
 - b. Complete revised horizontal control plan.
 - c. Revise gravity sewer and force main connections.
 - d. Make minor revisions to the mechanical plan, section and details.
 - e. Add electrical service and equipment connections to scope. Electrical design will be provided by M. Neils Engineering, Inc. Their Proposal is included as Attachment B
2. Add Biofilter per OPUD's email dated February 2, 2026. This includes a calculation spreadsheet and additional drawings. It will be based on the information presented in Swarnjit Boyal's email dated 2/2/26, included as Exhibit B.
3. Rose Avenue and Mage Avenue Pump Station. See Exhibit C. The mechanical design for the Area 2 pump station will be used.
 - a. This will be a small package pump station using Vaughan Chopper Pumps and an Armorock wet well per OPUD Standards. It will be located near the southeast corner of Rose and Mage Avenues. Instrumentation and telemetry will be per OPUD's standard drawing notes. Four sheets are anticipated for the pump station.
 - b. Prepare calculations for sizing the sewer pump station, wet well and force main.
 - c. Prepare civil and mechanical plans for the sewer pump station.
 - d. Prepare electrical, instrumentation, controls and telemetry plans for the sewer pump station. Controls and telemetry will be limited to adding OUPD's standard notes for instrumentation and telemetry. Electrical design will be provided by M. Neils Engineering, Inc. Their Proposal is included as Attachment C.
 - e. Prepare plan and profile for a short sewer force main. One sheet is anticipated.
 - f. Specifications- use the same specifications as the Area 2 pump station.
4. Feather River Manor Sewer Line. This includes the design of the sewer line for Feather River Manor to be located in Ella Avenue. See Exhibit D.
 - a. Survey- We will use the mapping for the water line that is planned as part of the OPUD domestic water line project that we are doing with RCAC. No new survey will be conducted.
 - b. Utility Research- Utility research will be done in conjunction with the water line project and as part of that contract.

- c. Design Drawings- Prepare design drawings and details for the sewer line described above. The drawings will be incorporated into the OPUD septic to sewer project. This will include:
 - i. Plan and Profile for the sewer line (6 sheets at 1" =40' scale).
 - ii. Connection Details- Connections/tie-in points will be located at Feather River Manor and the existing OPUD sewer line located near Ella Avenue and Links Parkway (1 sheet).
 - iii. Details (1 Sheet).
 - d. Specifications- We will use the specifications previously prepared for the sewer project for this sewer line. No new specifications will be prepared as part of this amendment.
5. Submittals/Deliverables
- a. 60% design submittal for RCAC/OPUD review and comment. One review cycle is anticipated.
 - b. 90% design submittal for RCAC/OPUD review and comment. One review cycle is anticipated.
 - c. Final design submittal for RCAC/OPUD review and comment. One review cycle is anticipated.
 - d. Each submittal will include the following deliverables:
 1. Plans
 2. Opinion of Probable Construction Cost.

Exclusions

- Bid and construction phase services
- Preparation of traffic control plans
- Additional submittals and review cycles
- OPCC- This was done as part of the CWSRF application.

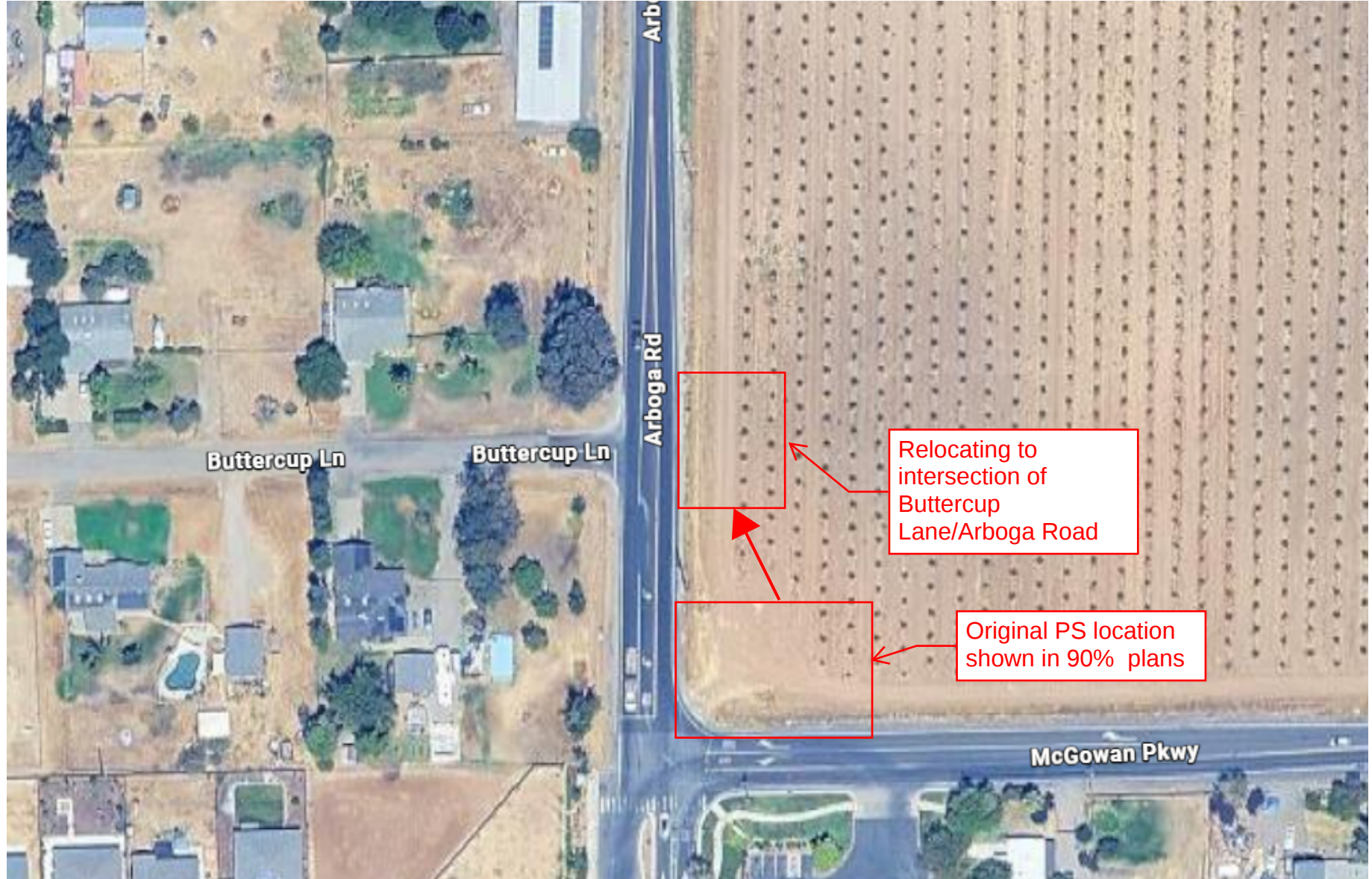


Exhibit A- Arboga Road and McGowan Pkwy, Sewer Pump Station Relocation

Exhibit B

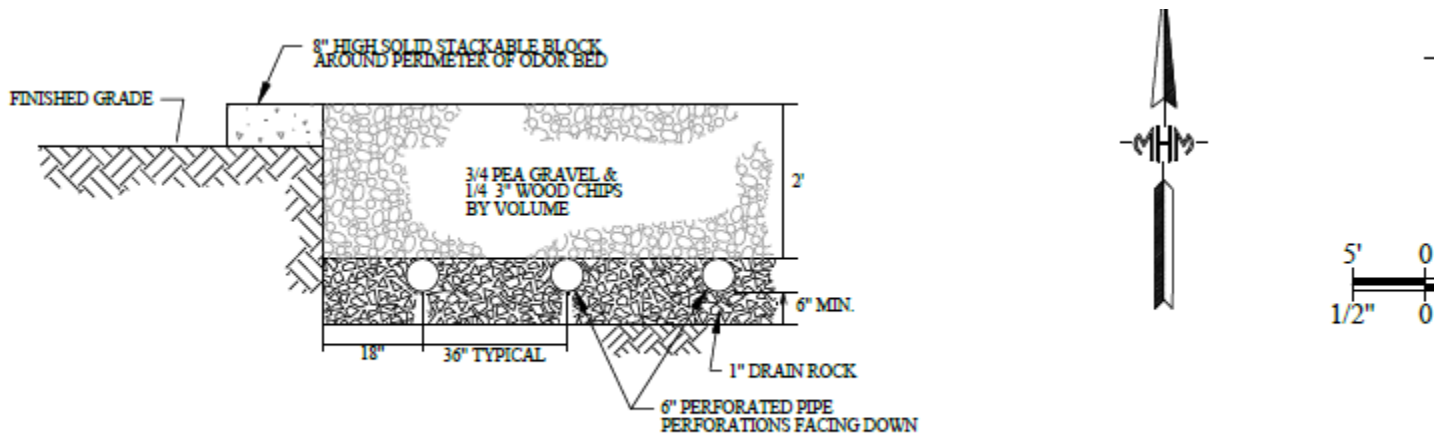
Marc Weinberger

From: Swarnjit Boyal <sboyal@opud.org>
Sent: Monday, February 2, 2026 2:47 PM
To: Anthony Tobias
Cc: Marc Weinberger; Michael Bandich
Subject: RE: Olivehurst CWSRF Draft PER
Attachments: Biobed_Calcs.xlsx; 23189mast-SS-1_REV5.pdf; 23189_Ultimate_Pump_Station_5pump.pdf

Anthony,

Based on our meeting last week, See attached design guideline for the odor control bio bed, the design plans, and lift station flow calc design basis. Let me know if you need anything else from me.

*Note, The media can just be pea gravel and mulch instead of BOHN BIOFILTER material. See image below.



Let me have any questions when you dig into it.

Best,

Swarnjit Boyal,
Public Works Manager
Olivehurst Public Utility District
530-743-8132 - Office
530-682-0736 - Cell
sboyal@opud.org - Email

**Our Mission is to provide high quality
services to enhance our community's quality of life.**



From: Anthony Tobias <anthony.tobias@psomas.com>
Sent: Wednesday, January 28, 2026 6:34 AM



Exhibit C- Mage Avenue Sewer Pump Station

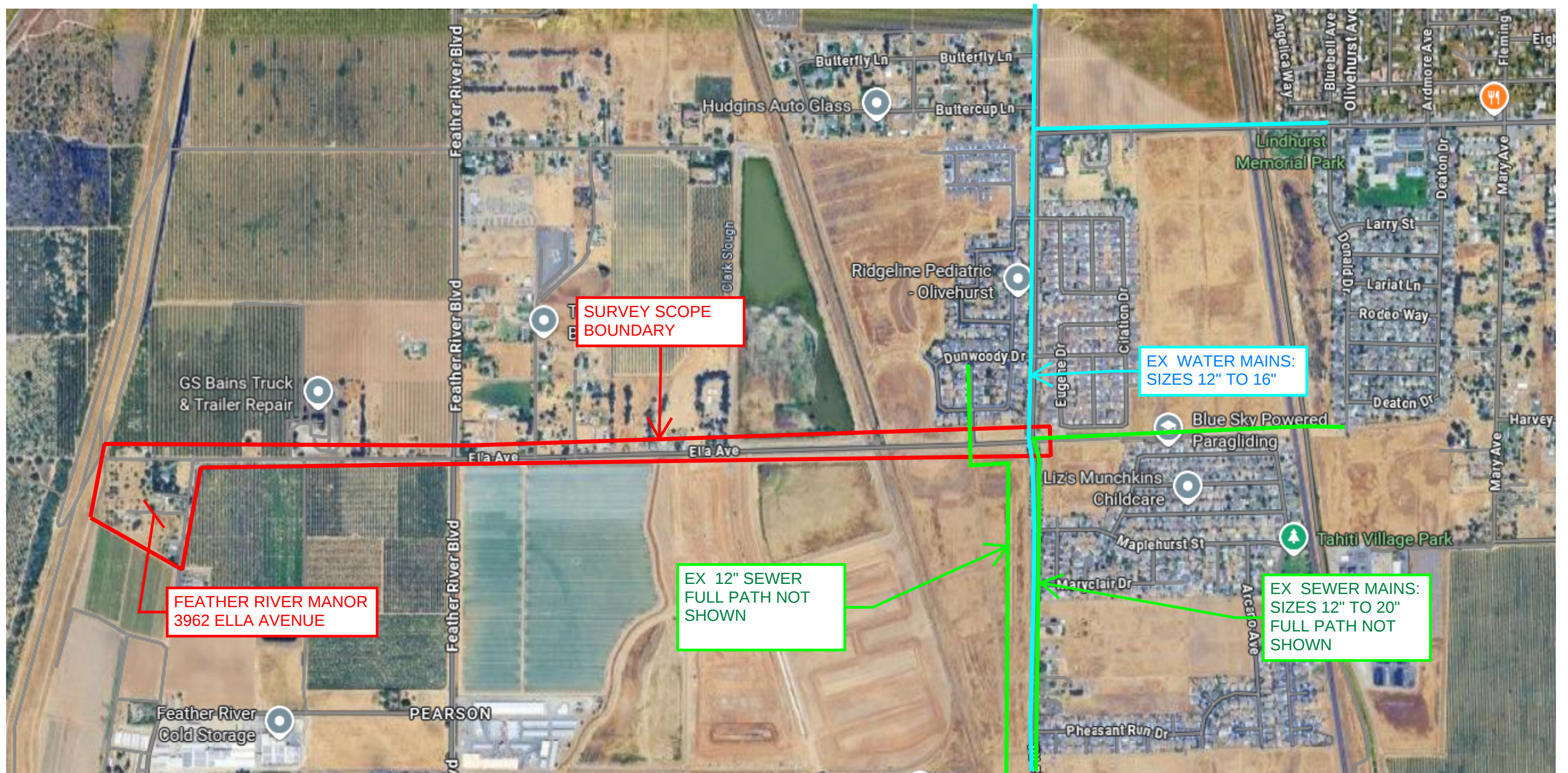


Exhibit D · Feather River Manor Sewer Line



January 12, 2024
Revised January 19, 2024
2nd Revision June 12, 2026
MNE Proposal No.: 24408.006

Marc Weinberger, P.E.
Psomas
401 B Street, 1600
San Diego, CA 92101

Subject: Olivehurst Public Utility District, Olivehurst, California
Sewer Pump Station
Electrical Engineering Services

Dear Mr. Weinberger:

This proposal is for electrical engineering services, in response to your email request on April 15, 2026. Below are proposed fees to perform the services listed in the attached scope of services.

<u>Basic Services</u>	<u>Fee</u>
Construction Documents Phase	\$12,120.00
Total Electrical Engineering Service Fee	\$12,120.00

Invoices will be sent monthly based on percentage of completed services. Additional authorized services not included in the basic services above will be negotiated separately. Payment terms are net 30 days. If you approve this proposal, please return a written authorization. This proposal will serve as the agreement if you only provide verbal authorization to proceed. Thank you for the opportunity to provide services.

Respectfully submitted,
M. NEILS ENGINEERING, INC.

Stuart K. Lindsay
President

SKL: tf

APPROVED:

BY: _____

DATE: _____

Your Project No.: _____

SCOPE OF SERVICES

Olivehurst Public Utility District

Olivehurst, California

Sewer Pump Station

1. Project Description

- A. Facility Description: Existing residential properties within Olivehurst Public Utility District located off of Arboga Road in Olivehurst, California.
- B. Project Definition: The project will add one new sewer pump to accommodate properties not currently on the district's system.
- C. Project Scope: Provide electrical engineering design services including:
 - 1. New electric service.
 - 2. Electrical equipment connections.
- D. Project Purpose: To develop electrical construction documents and obtain County of Yuba's plan and installation approval for the project.
- E. References:
 - 1. Email with attachments from Marc Weinberger on January 8, 2024, and April 15, 2026.
 - 2. This project will use facility record drawings as a primary reference for existing conditions.
 - 3. Psomas will provide facility floor plans in CAD format.

2. Project Schedule

The following schedule is subject to change based on development of a detailed project schedule after authorization of services.

- A. Start services in June of 2026.
- B. Submit 90% construction documents six weeks after authorization to proceed.
- C. Submit final construction documents two weeks after receiving comments for 90% construction documents.

3. Basic Services

- A. Construction Documents Phase
 - 1. Coordinate with Psomas' design team and Olivehurst Public Utility District's representatives.
 - 2. Coordinate with electric utility company for new electric service.
 - 3. Prepare 90% and final electrical construction document drawings on AutoCAD, including:

- a. Electrical plans indicating electrical equipment connections.
 - b. Panel schedules.
 - c. Power one-line diagram.
 - d. Electrical load calculations (readings provided by Owner if required).
4. Prepare electrical sheet specifications/notes.
5. Prepare responses to County of Yuba's plan check review comments.

4. Systems Included

The design will include the following systems:

- A. Electrical
 1. New electric service.
 2. Electrical connections to equipment.

5. Project Tasks and Deliverables

- A. Construction Documents Phase
 1. Submit application for new electric service to electric utility company.
 2. Submit 90% and final electrical construction document drawings.
 3. Submit 90% and final electrical specifications.
 4. Submit responses to County of Yuba's plan check review comments.

6. Clarifications

- A. If there is a significant change to the construction budget or project scope, M. Neils Engineering, Inc. reserves the right to renegotiate the fee.
- B. This proposal assumes that Psomas will receive Olivehurst Public Utility District's design approval prior to authorizing detailed electrical design services to proceed.
- C. This proposal assumes that off-site electrical utilities are of adequate size and capacity for the project.

7. Excluded Services

- A. The scope of basic services excludes:
 1. Structural engineering calculations and details.
 2. Services other than electrical engineering.
 3. Design of telemetry and instrumentation.
 4. Design of sewer pump control system.

5. Other systems or equipment not specifically included.
6. Preparation of BIM electrical model.
7. Preparation of change order documents for additional services.
8. Meeting attendance beyond those included in the basic services.
9. Permit application and submittal to AHJ Plan Reviewer.
10. Value engineering services.
11. Cost estimating services.
12. Electrical testing services.
13. Post occupancy services.
14. Design of temporary electrical and telecommunication services for Contractor's use.

Exhibit E2



M. NEILS
ENGINEERING, INC.

Electrical Engineers

Lighting Designers

June 12, 2026
MNE Proposal No.: 26408.048

Marc Weinberger, P.E.
Psomas
401 B Street, 1600
San Diego, CA 92101

Subject: Olivehurst Public Utility District, Olivehurst, California
Olivehurst PUD - Sewer Pump Station at Rose and Mage Avenues
Electrical Engineering Services

Dear Mr. Weinberger:

This proposal is for electrical engineering services, in response to your email request on April 15, 2026. Below are proposed fees to perform the services listed in the attached scope of services.

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Respectfully submitted,
M. NEILS ENGINEERING, INC.

Stuart K. Lindsay
President

SKL: tf

APPROVED:

BY: _____

DATE: _____

Your Project No: _____

We plan and design your high-performance electrical environment

100 Howe Avenue, Suite. 235N | Sacramento, CA 95825-8217 | Tel (916) 923-4400 | Fax (916) 923-4410

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Olivehurst Public Utility District
Olivehurst, California
Sewer Pump Station

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