**American Samoa Power Authority**
P.O. Box PPB
Pago Pago, American Samoa 96799
Telephone: (684) 699-3057
Email: procurement@aspower.com
Website: www.aspower.com

ISSUANCE DATE: **October 17, 2024**

RFP NO.: **RFP NO. ASPA24.052 – Construction of Aua ACP Replacement Project**

SUBJECT: **Addendum No. 2**

The American Samoa Power Authority hereby issues Addendum No. 2 to amend Request for Proposals (RFP) requirements. This addendum is issued pursuant to the conditions of the RFP documents and is hereby made part of the RFP. The addendum serves to clarify, revise, and supersede information contained in the RFP. The Offeror must acknowledge receipt of this addendum in the appropriate space provided in the Addendum Form. Failure to do so may subject the Offeror to disqualification.

1. **The closing deadline has been extended as follows:**

   **Closing Deadline:** Friday, November 22, 2024 at 2:00PM

2. **The following documents are also included and incorporate into this RFP:**

   a. **Alternative Above Grade Stream Crossing Details**
   b. **Sign in sheet and notes from Mandatory Pre-Bid Meeting held on 9/27/2024, and Mandatory Site Visit held on 10/01/2024. Please note a separate addendum will be posted addressing some of the questions raised during these meetings.**
   c. **Revised Bid Form (marked with Revised 2024-10-17; disregard previous versions)**

Should you have any questions or need clarification, please call me at (684) 699-3057 or procurement@aspower.com.

Sincerely,

**Renee Leotele Togafau**
Procurement Manager

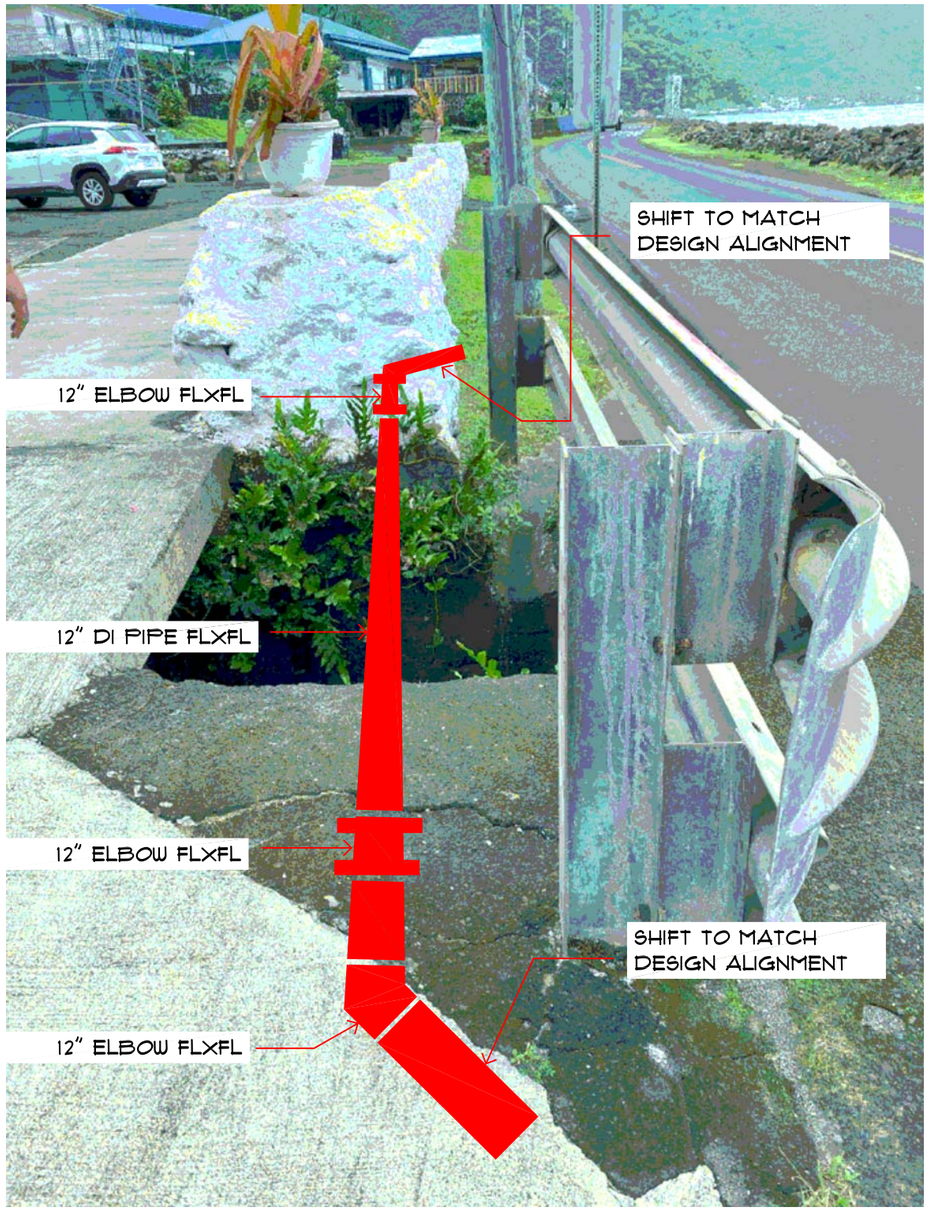
Please sign and date below to acknowledge receiving Addendum 2. You may return this document via email at procurement@aspower.com, or the ASPA Procurement Office.

**ACKNOWLEDGEMENT OF RECEIVING ADDENDUM 2**

Received by _____, this _____day of _____ 2024.

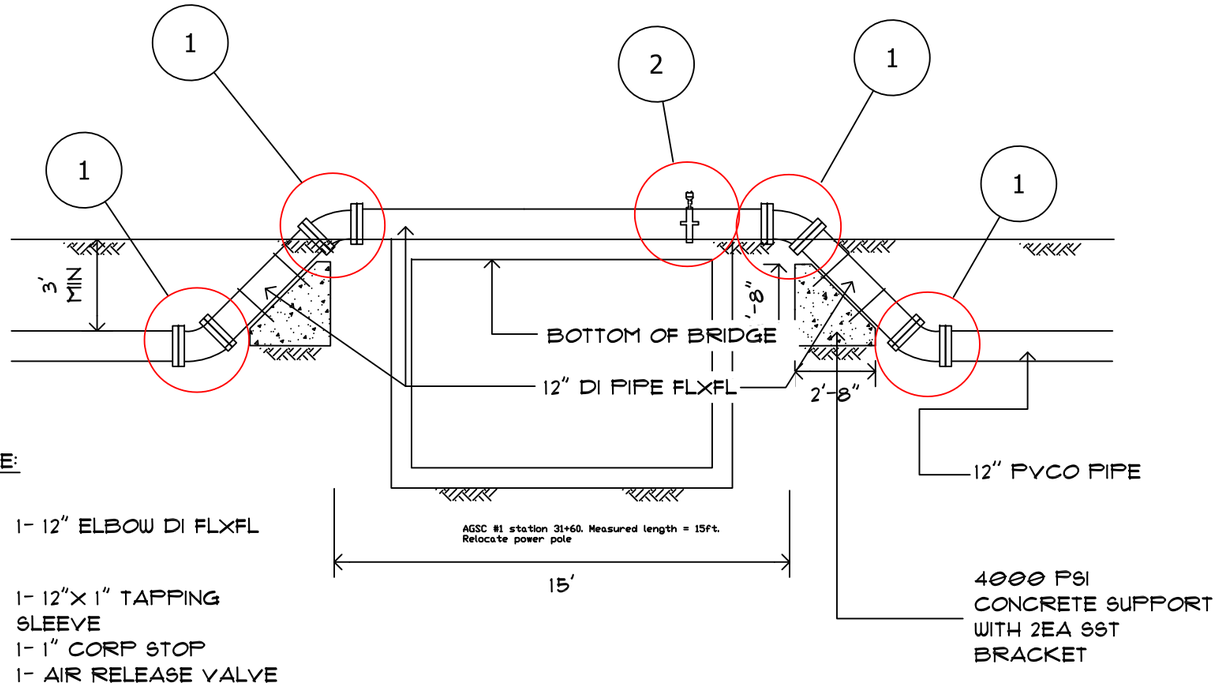
Company _____ Title _____

Fax No. _____ Email Address _____




## 1 BRIDGE UPSTREAM

Scale: NTS




NOTE:

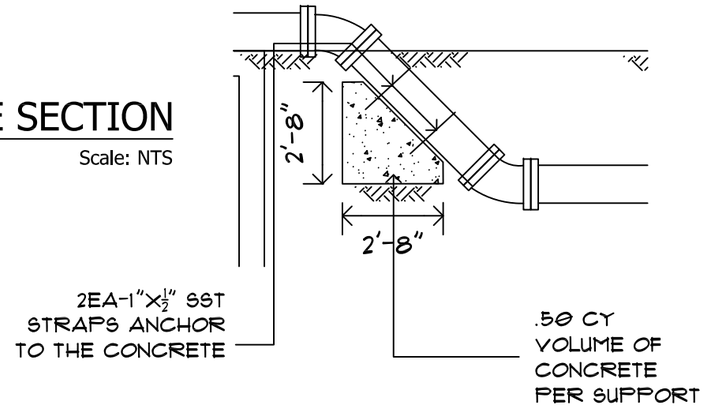
1. 1- 12" ELBOW DI FLXFL
2. 1- 12"X 1" TAPPING SLEEVE
   1- 1" CORP STOP
   1- AIR RELEASE VALVE

NOTE:

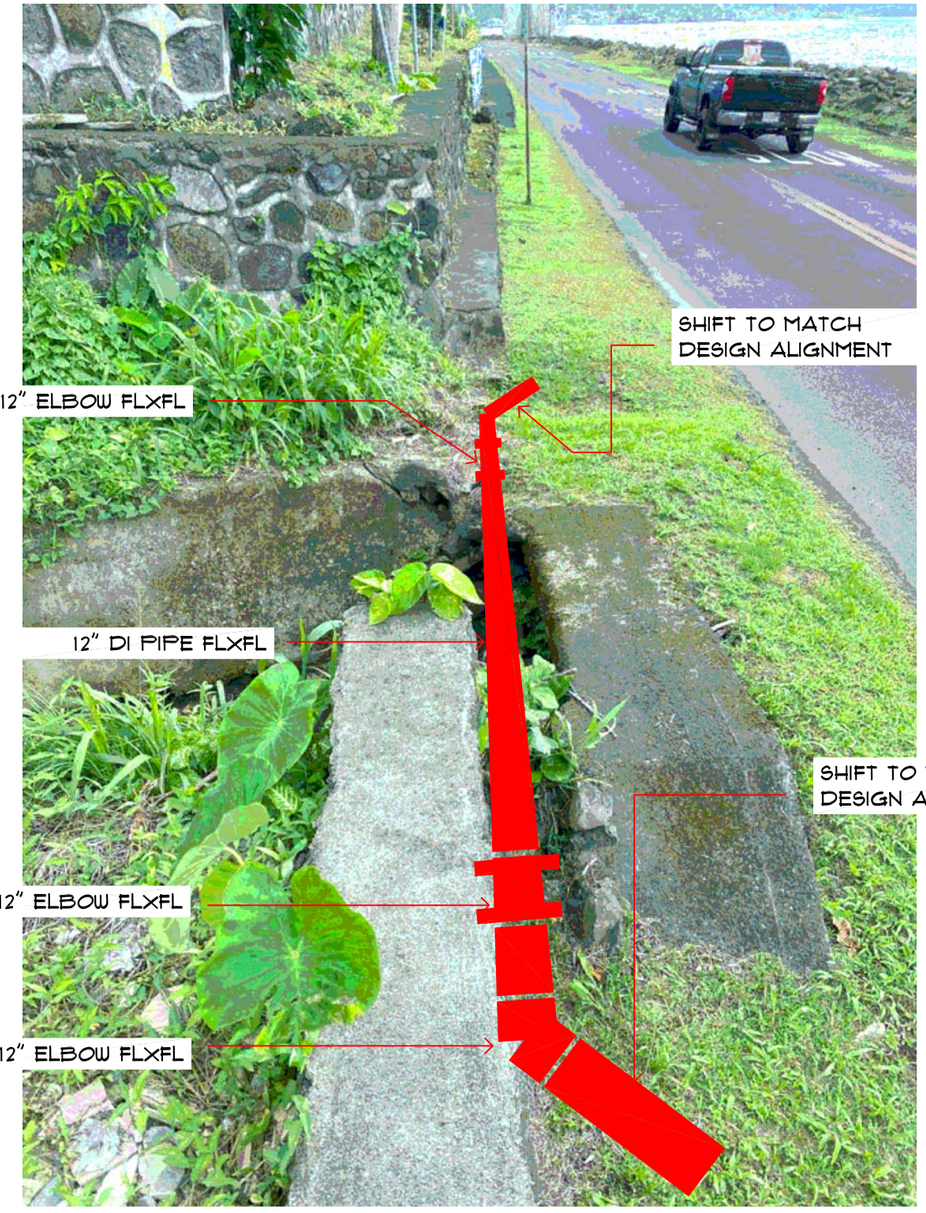
1. ANY STRUCTURE THAT IS AFFECTED DURING INSTALLATION SHALL BE RESTORED, AND THIS RESTORATION COSTS SHALL BE INCIDENTAL TO THE PIPE CROSSING INSTALLATION

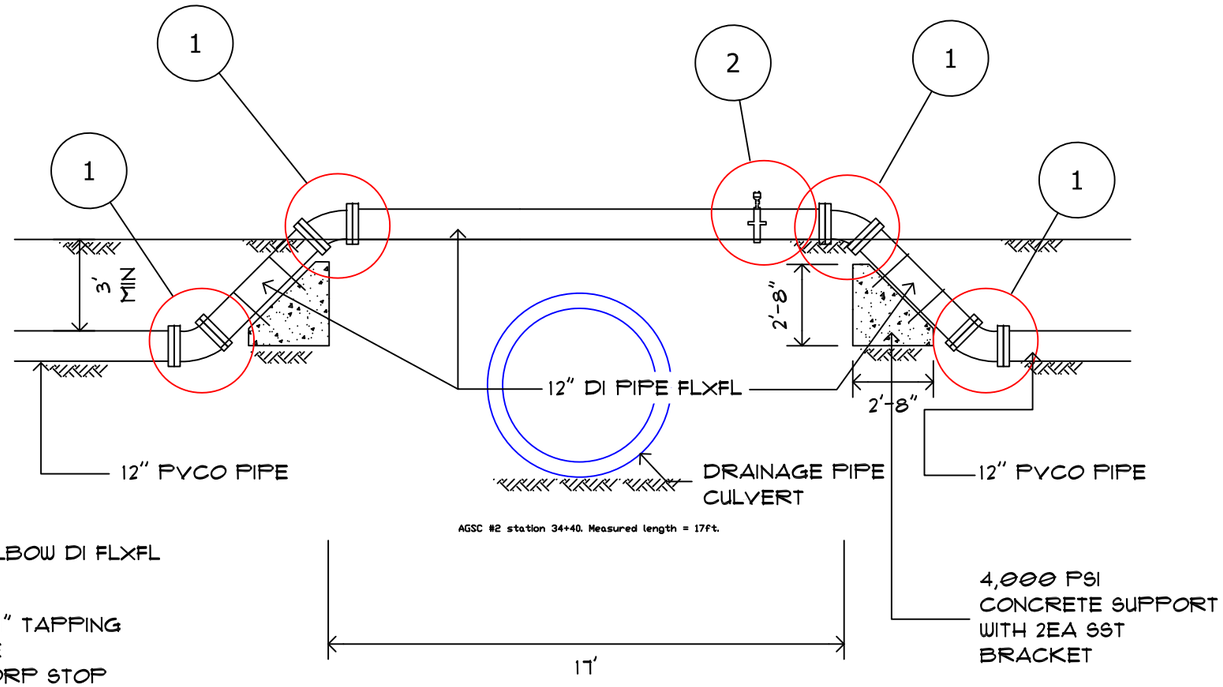
## 2 BRIDGE SECTION

Scale: NTS




| | | | | | | |
|---|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3675 | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 | |
| REVISION: | CHECKED BY: WATER ENGINEERING | | DRAWING TITLE: STREAM CROSSING (STA 31+60) | | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-1 | SIGNATURE: DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | AMERICAN SAMOA POWER AUTHORITY | | | | |
| DATE: | | | | | | |




NOTE:

(1) 1- 12" ELBOW DI FLXFL

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NOTE:

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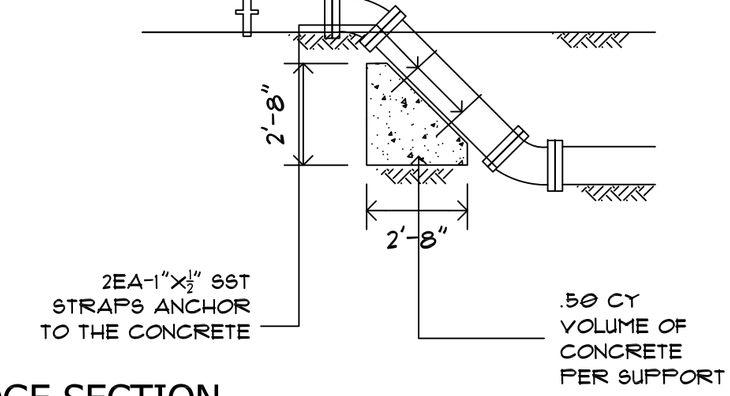
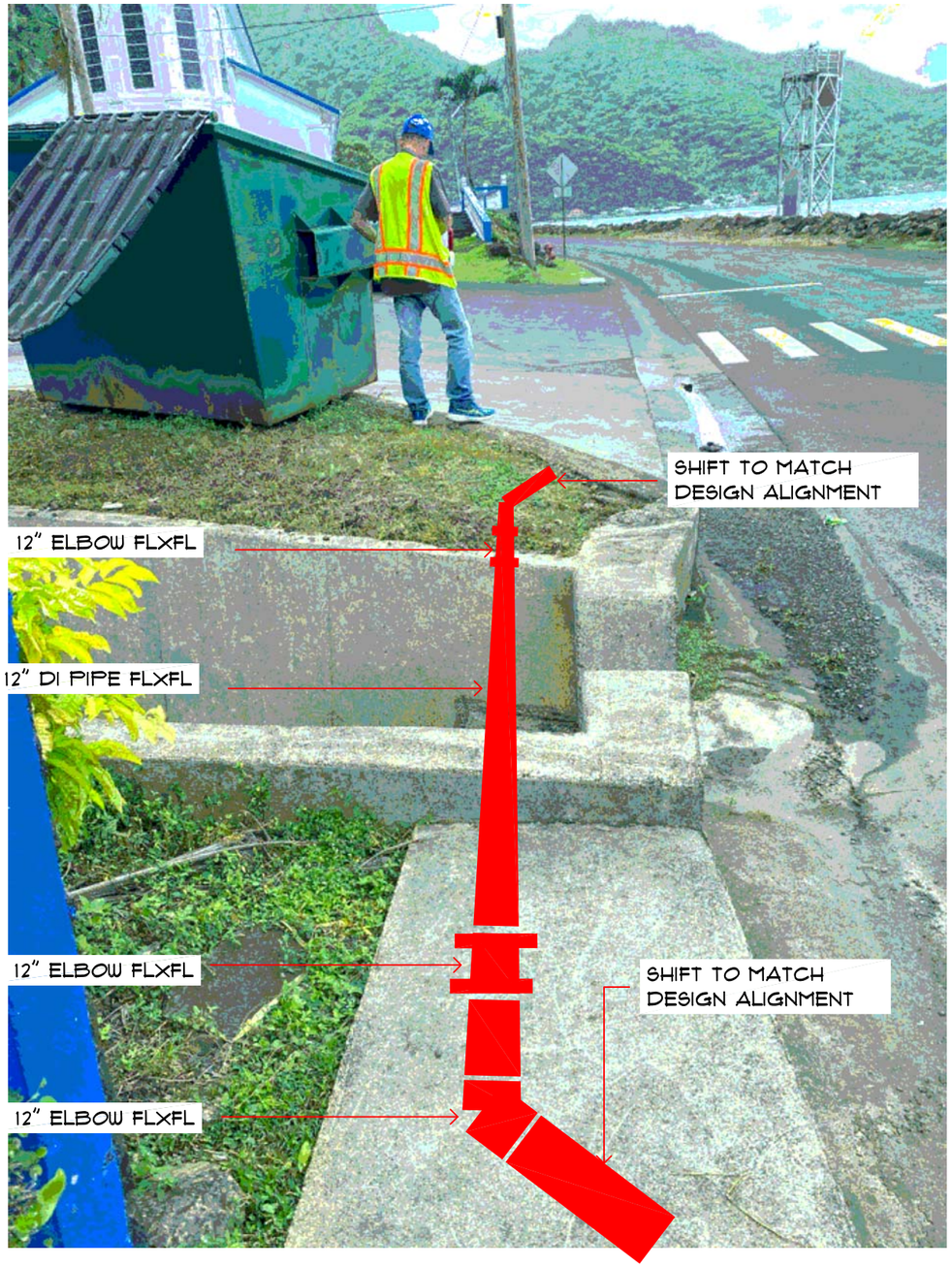
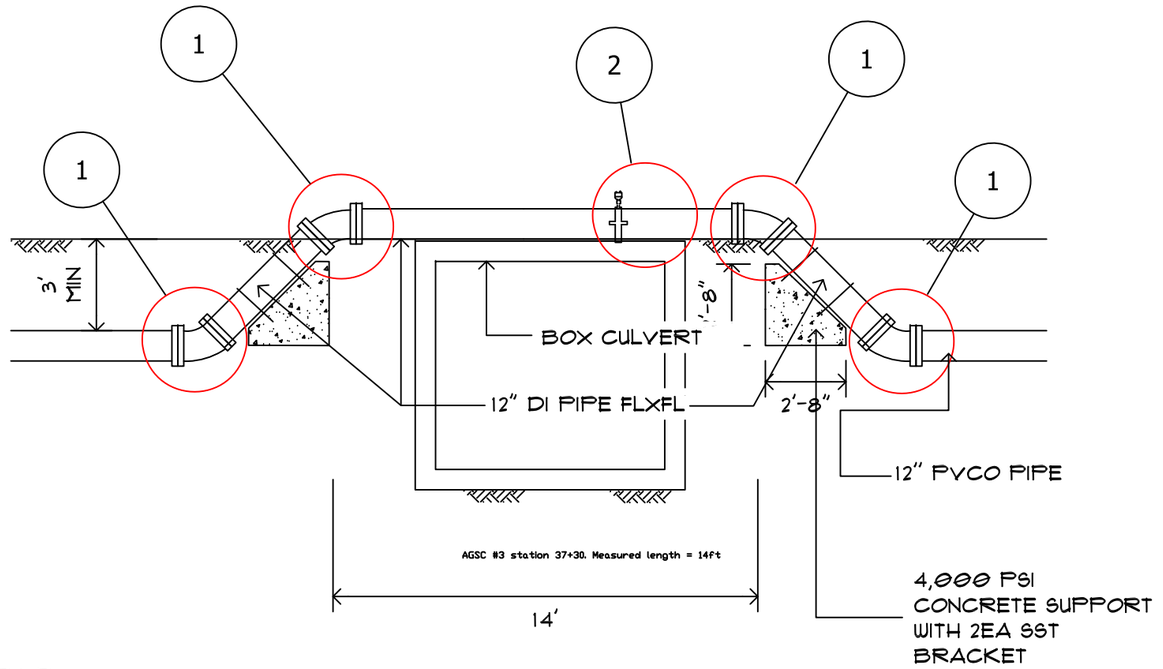



1 BRIDGE SECTION
Scale: NTS

| | | | | | |
|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3675 | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | | DRAWING TITLE: STREAM CROSSING (STA 34+40) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-2 / SIGNATURE: DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | AMERICAN SAMOA POWER AUTHORITY | | | |
| DATE: | | | | | |

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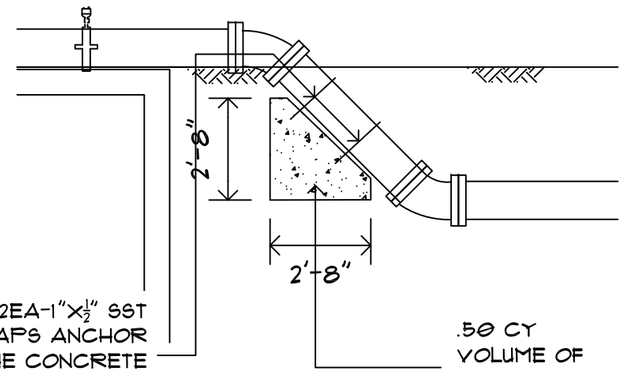


1 BRIDGE SECTION
Scale: NTS

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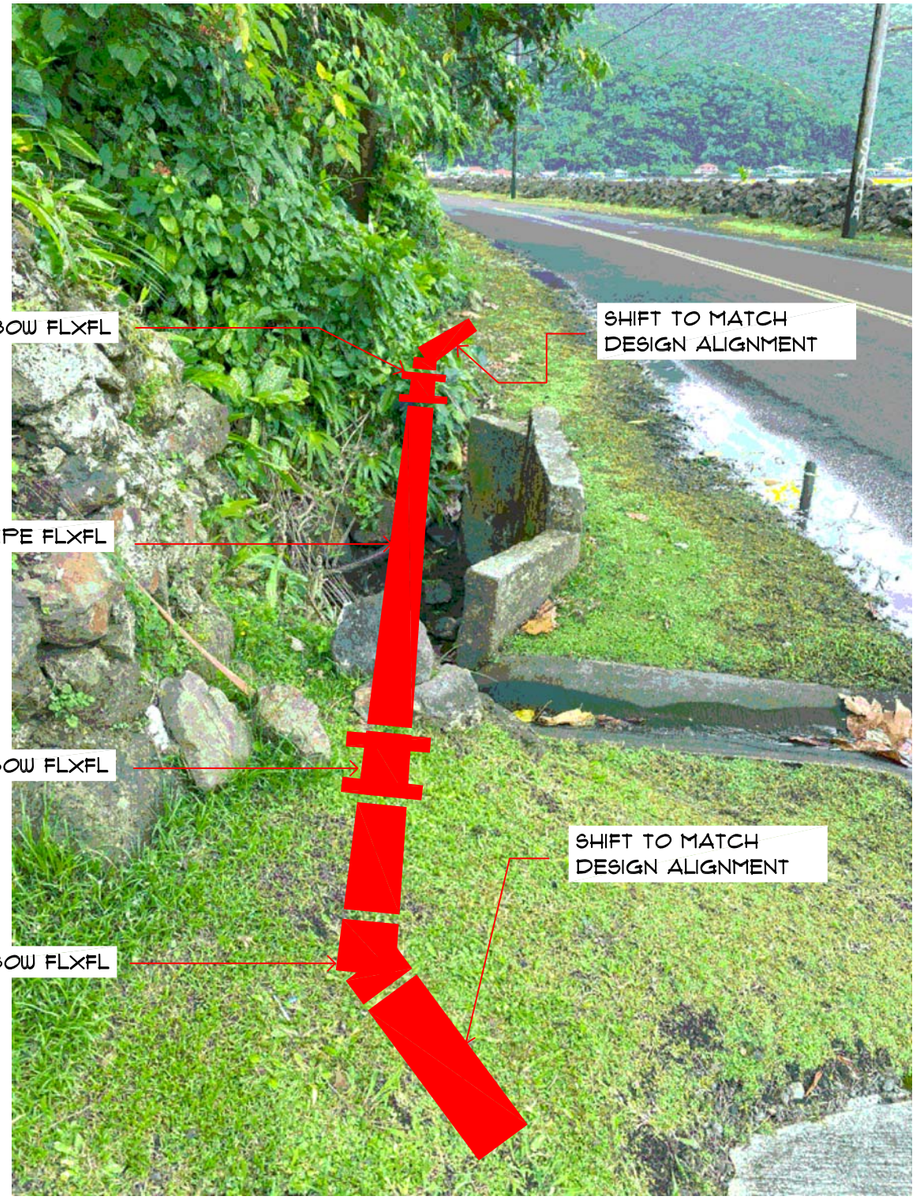
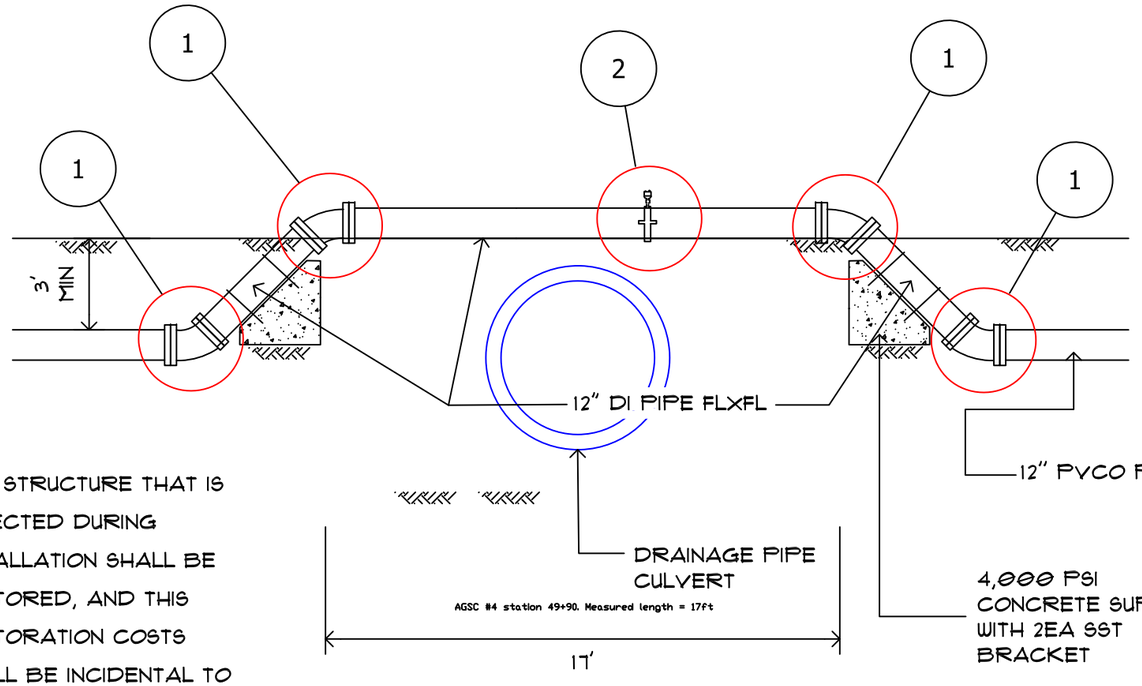
|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | AMERICAN SAMOA POWER AUTHORITY | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-7198, FAX (684) 699-9675 | DRAWING TITLE: STREAM CROSSING (STA 37+30) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-3 / SIGNATURE: / DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | | | | |
| DATE: | | | | | |




1 BRIDGE UPSTREAM
Scale: NTS

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NOTE:

(1) 1- 12" ELBOW DI FLXFL

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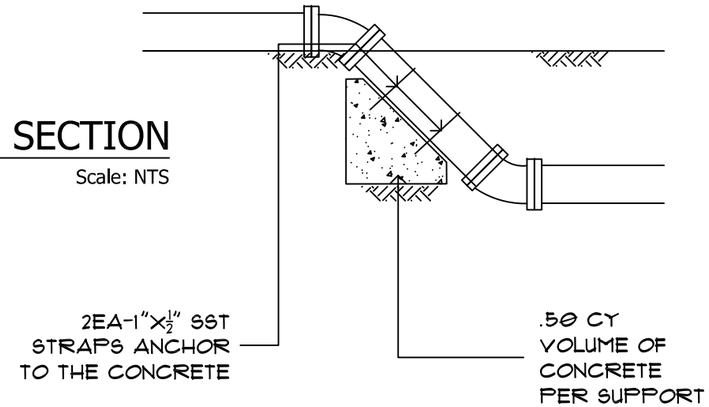
1- AIR RELEASE VALVE




2 BRIDGE SECTION
Scale: NTS

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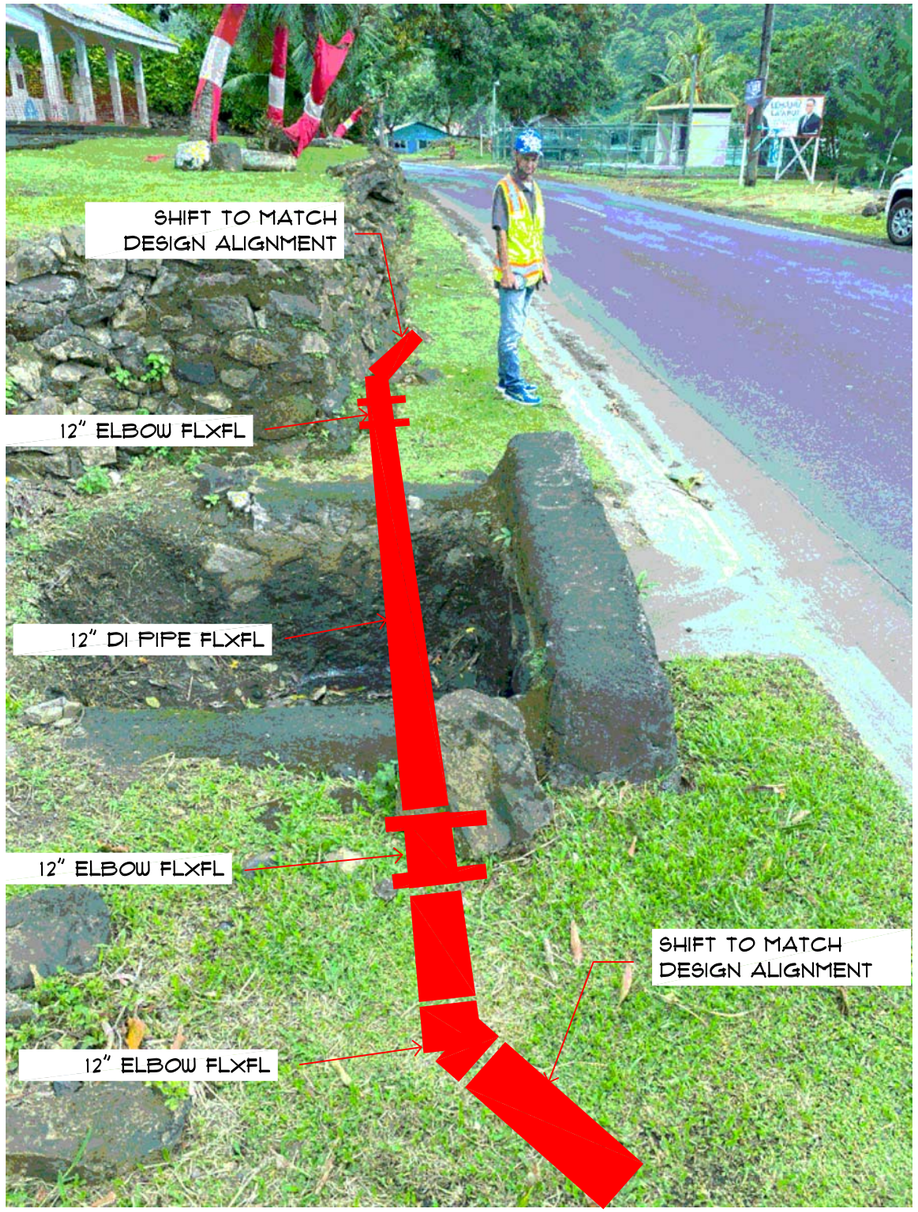
|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3615 | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | | DRAWING TITLE: STREAM CROSSING (STA 49+90) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-4 / SIGNATURE: DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | AMERICAN SAMOA POWER AUTHORITY | | | |
| DATE: | | | | | |




1 BRIDGE UPSTREAM
Scale: NTS

NOTE:

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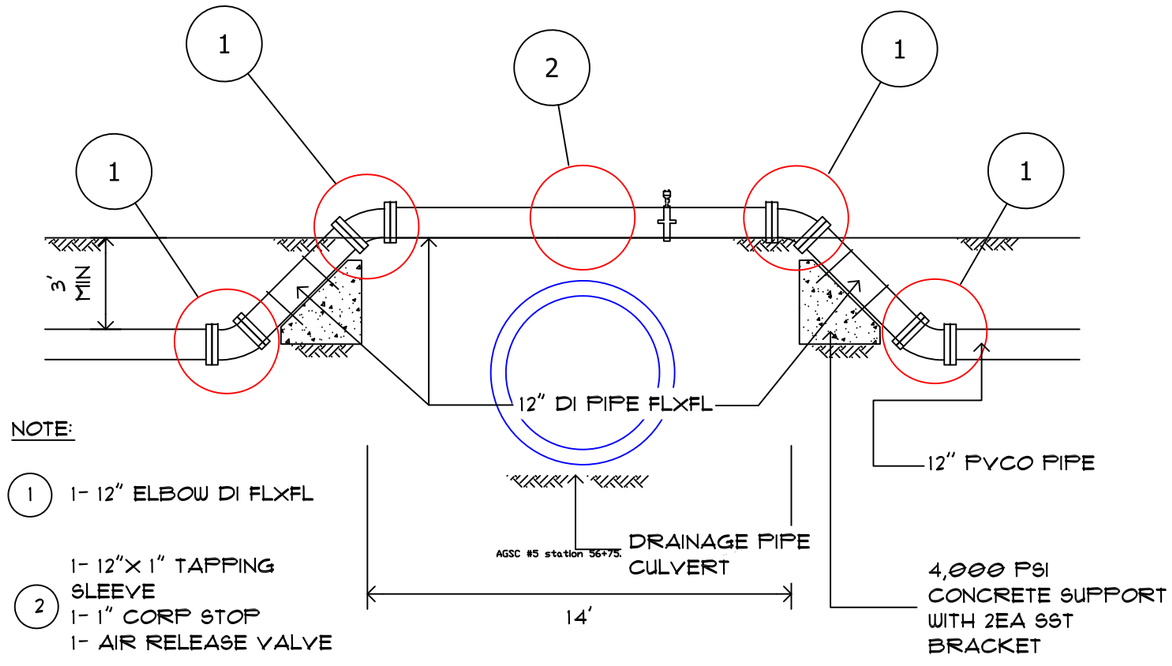


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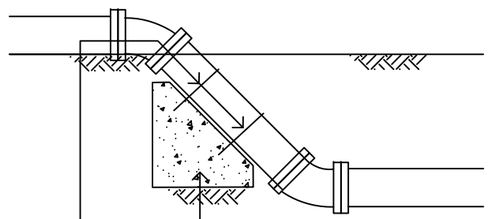


2 BRIDGE SECTION
Scale: NTS

| | | | | | | |
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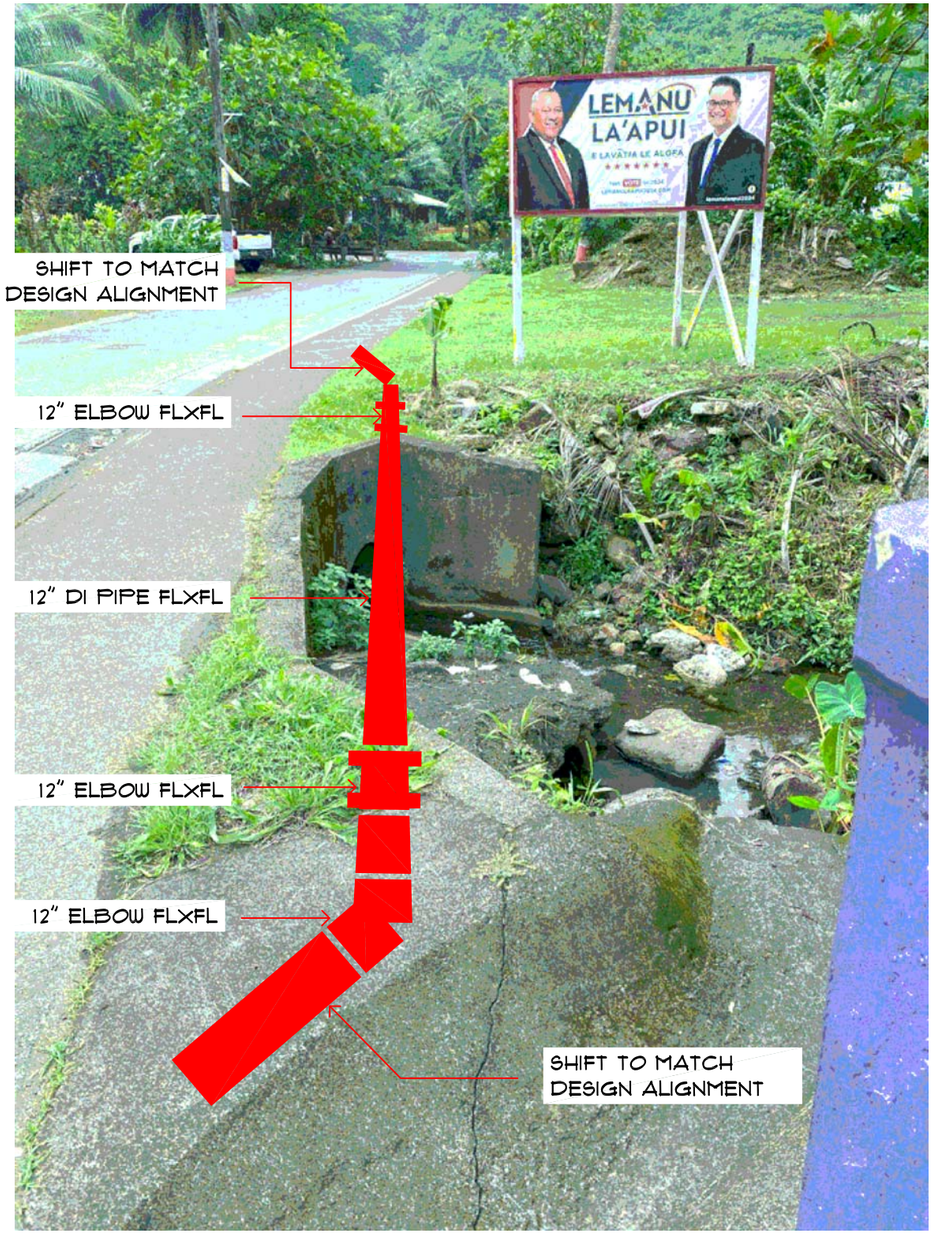
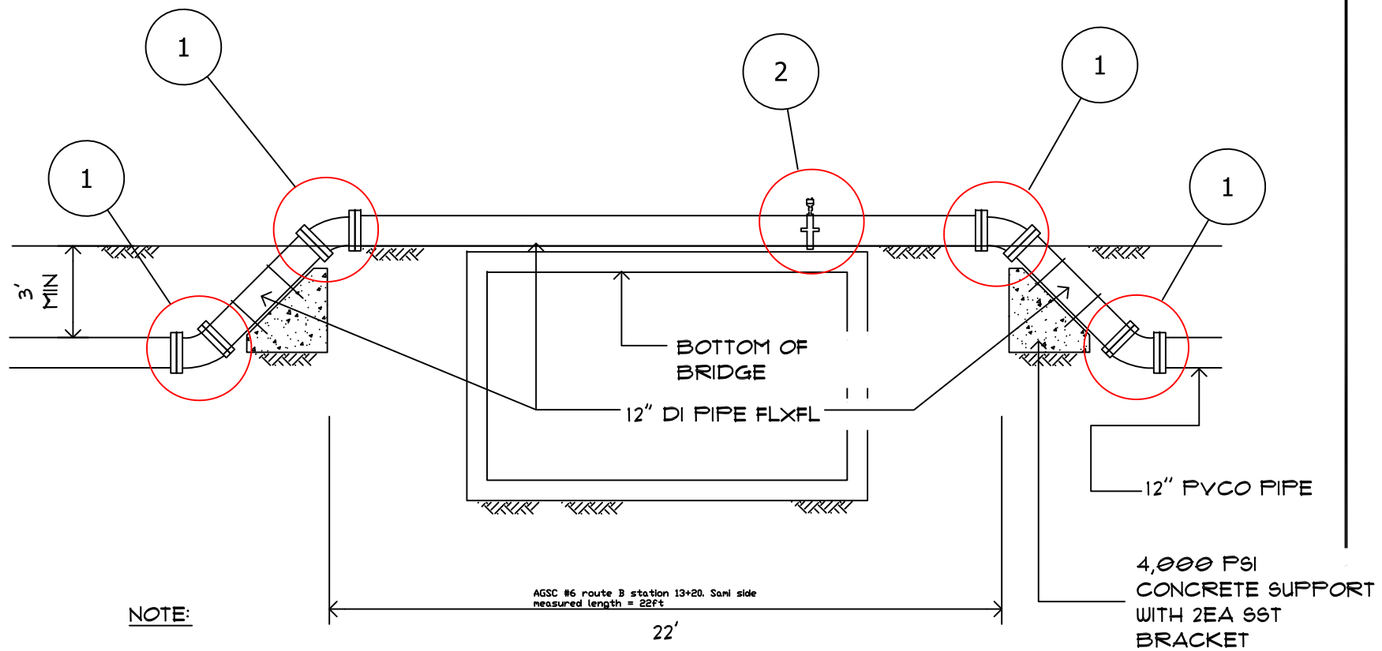
| REV. NO.: | PREPARED BY: WATER ENGINEERING | AMERICAN SAMOA POWER AUTHORITY | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3615 | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | | | DRAWING TITLE: STREAM CROSSING (STA 56+75) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-5 / SIGNATURE: DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | | | | | |
| DATE: | | | | | | |




1 BRIDGE UPSTREAM

Scale: NTS

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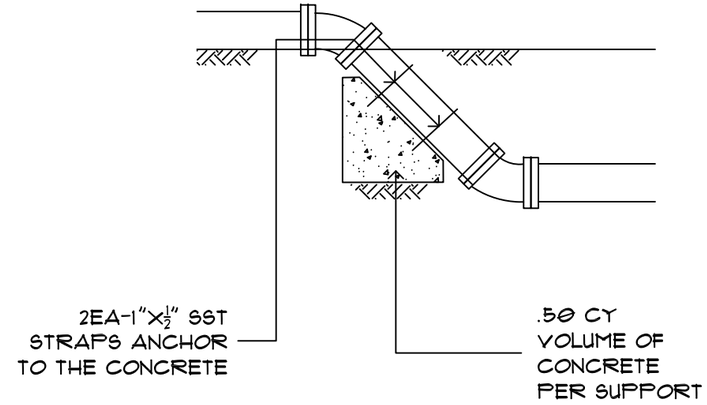
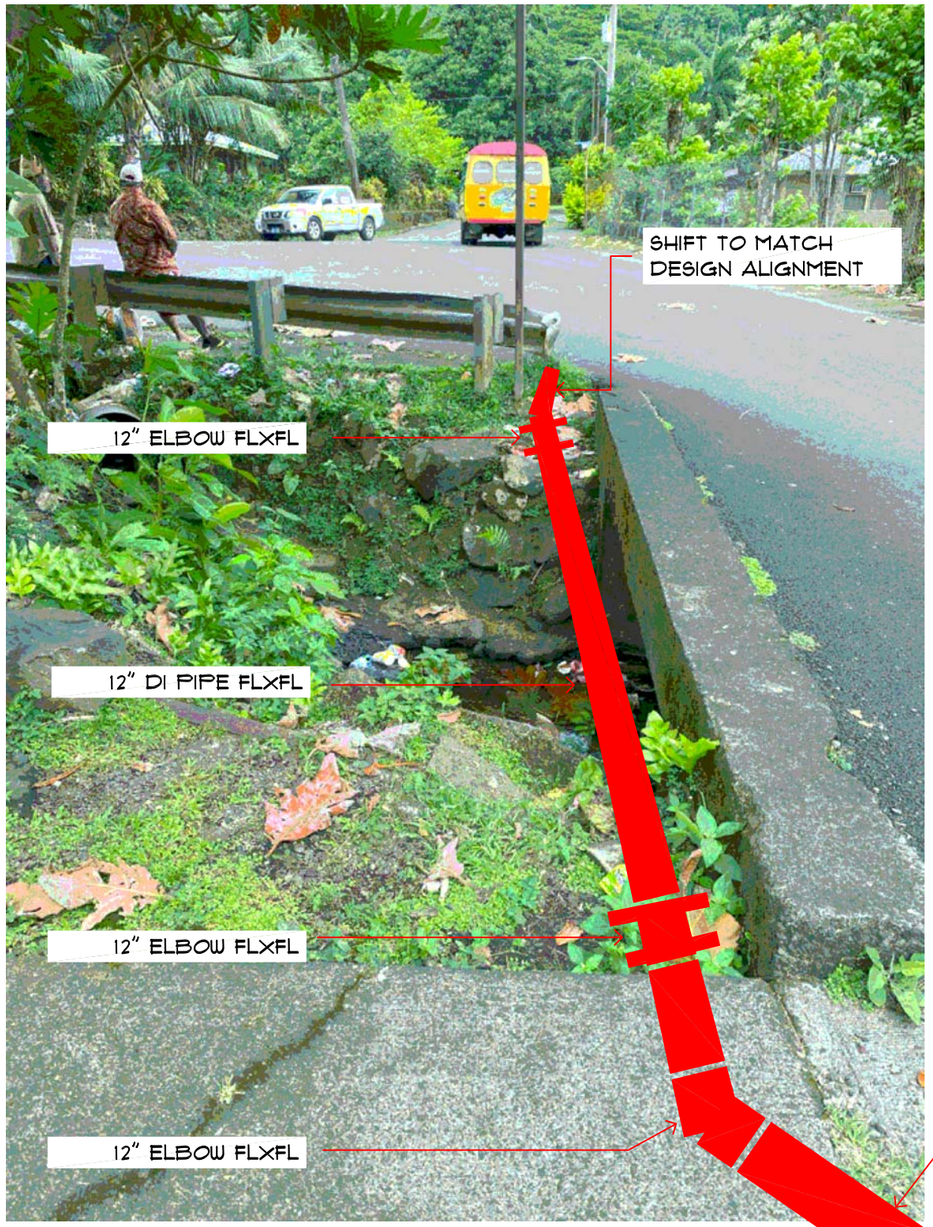


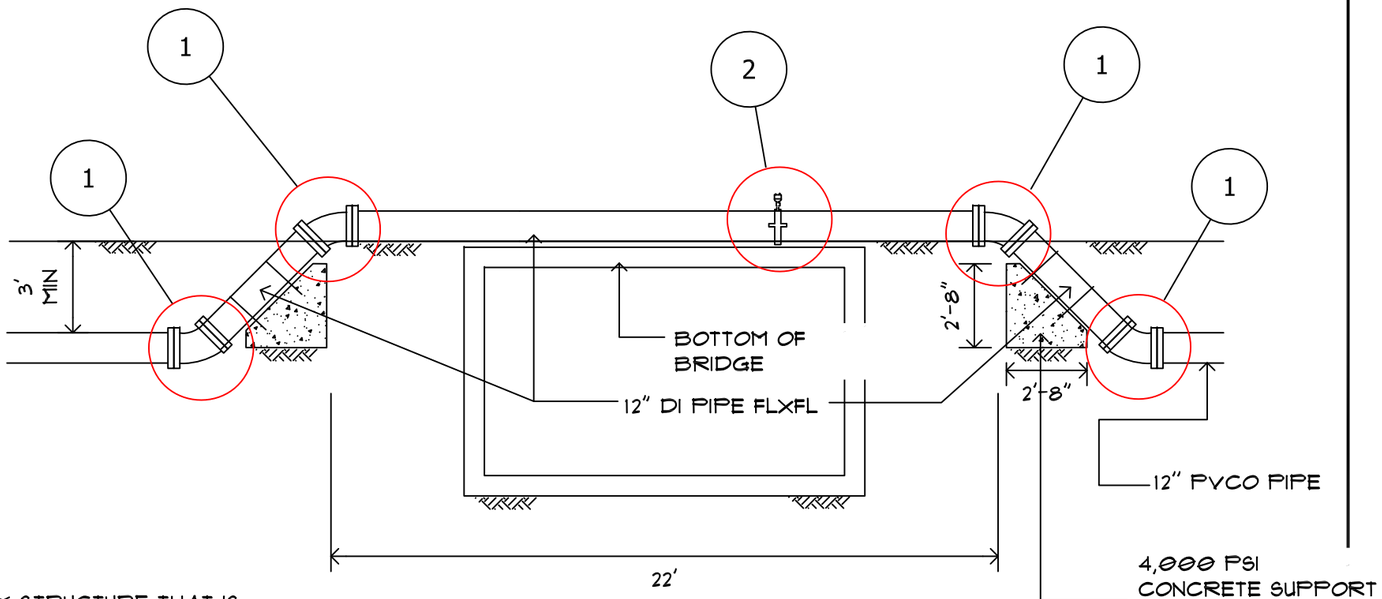

1 BRIDGE SECTION

Scale: NTS

| | | | | | |
|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | AMERICAN SAMOA POWER AUTHORITY | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3675 | DRAWING TITLE: STREAM CROSSING (STA 13+20 ROUTE B) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-6 / SIGNATURE: / DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | | | | |
| DATE: | | | | | |




1 BRIDGE UPSTREAM
Scale: NTS




NOTE:

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AGSC #7 route B station 15+00. Sani side measure length = 22ft

NOTE:

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(2) 1- 12"X 1" TAPPING SLEEVE
1- 1" CORP STOP
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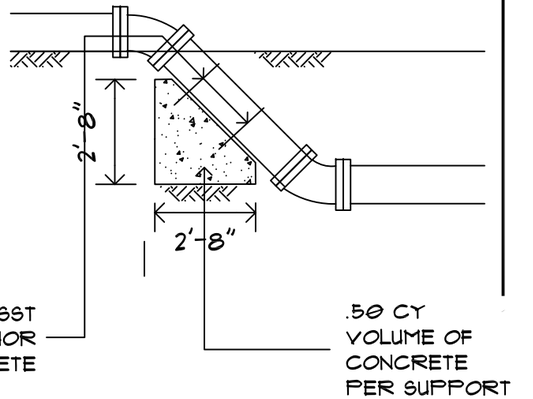


2 BRIDGE CROSSING
Scale: NTS

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|---|---|---|---|---|---|
| REV. NO.: | PREPARED BY: WATER ENGINEERING | AMERICAN SAMOA POWER AUTHORITY<br>ENGINEERING SERVICES DIVISION<br>TAFUNA, AMERICAN SAMOA<br>P.O.BOX PPB, PAGO PAGO AM SAMOA 96799. TEL(684) 699-1198, FAX (684) 699-3675 | PROJECT NAME: AUA ACP REPLACEMENT PROJECT | SCALE: NTS | PROJECT NO: ASPA24.052 |
| REVISION: | CHECKED BY: WATER ENGINEERING | | DRAWING TITLE: STREAM CROSSING (STA 15+00 ROUTE B) | | |
| CHECKED BY: | APPROVED BY: WATER ENGINEERING | | PROJECT LOCATION: AUA VILLAGE, AMERICAN SAMOA | DATE: OCT2024 | SHEET NO. SC-1 / SIGNATURE: / DATE: |
| APPROVED BY: | ISSUE FOR: FOR CONSTRUCTION | | | | |
| DATE: | | | | | |

**AMERICAN SAMOA POWER AUTHORITY**

P.O. Box PPB, 1st Airport Road
Pago Pago, American Samoa 96799
Telephone: (684) 699-1234/248-1236
Email: info@aspower.com
Website: www.aspower.com

**Oct 1, 2024**

# PRE-BID CONSTRUCTION SITE VISIT MEETING MINUTES

**Subject:** ASPA24.052 - Aua ACP Replacement Project_Construction Pre-Bid Construction Site Visit

**Location:** Project Site - Leloaloa-Aua, Tuesday, 01 Oct 2024 @ 1000

| ATTENDEES | | | |
|---|---|---|---|
| **ASPA24.052 - site visit sign in sheet_10.01.24.pdf** | | | |
| **Name** | **Company** | **Telephone No.** | **Email** |
| Kris McPhee | ASPA Water Division - Engineering | (684) 254 - 8264 | kmcphee@aspower.com |
| Alexsandra Sesepasara | ASPA Water Division - Engineering | (684) 699 - 7199 ext 1198 | alexsandra@aspower.com |
| Arnold | Silva Group Corp. | (684) 699 - 1424 | tavagat@silvagroupcorp.com |
| Vaga | Silva Group Corp. | (684) 699 - 1424 | tavagat@silvagroupcorp.com |
| Mila | Silva Group Corp. | (684) 254 - 8783 | tavagat@silvagroupcorp.com |
| Esau | Vailu'u & Sons | (684) 688 - 1908 | vailuu57@gmail.com |
| Malia Upusili | Diamond Construction | (684) 731 - 3155 | fuatagavi21@gmail.com |
| Sa'o | Happy Construction | (684) 688 - 7551 | rainbow297htc@gmail.com |
| Lofi | Happy Construction | (684) 688 - 7551 | rainbow297htc@gmail.com |
| Jerome Tanzon | Tony's Construction | (684) 699 - 5156<br>(684) 252 - 6314 | tony_construction@yahoo.com |
| Jayspher Jabow | CTC | (684) 699 - 7526 | tony@ctcpago.com<br>jayspher@ctcpago.com |
| Joel Baslio | Happy Construction | (684) 258 - 5926 | joelbasilio.happyconstruction@gmail.com |
| Alex Willis | Willis Construction Corp./SeaPac Engineering, Inc. | (684) 256 - 5824 | willisconstruction684@gmail.com |

| | | | |
|---|---|---|---|
| Paul Abella | CTC | | paul@ctcpago.com |
| Jr. Mirasol | Paramount Builders | (684) 699 - 7111 | paramount_b@yahoo.com |
| George Panagsagan | Paramount Builders | (684) 782 - 1030 | gppbi@yahoo.com |

***Discussion during Site Visit:***

- Please confirm Performance Bond requirement for Contract Award ≥ $5M and 20% Retention for Contract Award ≤ $5M.
- Request for As-Builts on new lines (water, sewer) installed by Fletcher and/or other Contractors in the area.
- Verify permitting as required by USACE especially for "Over the stream installation of water lines." Confirmed, USACE permit may be required only if construction touches the stream.
- Need to include in next addendum to add a line items to "install 12" DI mainline over stream next to inlet of culvert" as an option/alternative. Standard details to follow.
- Discussion of tide issues, challenges with deeper trenches and various streams with culverts crossing the road, consider looking at the underground crossings and decide to go above ground over the streams. Standard details to follow.
- Adjusting the main water line alignment to the ocean side of the road is possible - just need ASPA approval first.
- Schedule with Water Division - Operations may be able to abandon "early on" the existing 12" ACP line that runs along the ocean side of the road.
- Revised bid form on ASPA website along with Addendum #1.
- Contractor to maintain temporary restoration until permanent restoration is complete by ASPA existing asphalt contract. Neatly cut and restore concrete roads as well.
- Connections to the existing Aua 1M Gal welded steel tank are completed by ASPA.
- Contractors were shown where the project begins (Route A station 30+20) where the existing 16" PVC main ends at a group of valves on the roadway in Leloaloa.

*Plastic SD culvert pipe next to Leloaloa Catholic School*

*Stormwater box culvert #1 before Tutuila Store - Leloaloa*

*Stormwater box culvert #2 before Tutuila Store - Leloaloa*

*Stormwater box culvert #2 before Tutuila Store - Leloaloa (front view)*

**AMERICAN SAMOA POWER AUTHORITY**

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Pago Pago, American Samoa 96799
Telephone: (684) 699-1234/248-1236
Email: info@aspower.com
Website: www.aspower.com

**Sep 27, 2024**

# PRE-BID MEETING MINUTES

**Subject:** ASPA24.052 - Aua ACP Replacement Project_Construction Pre-Bid Meeting
**Meeting Location:** ASPA Water Division - Engineering, Friday, 27 Sept 2024 @ 1000

| ATTENDEES | | | |
|---|---|---|---|
| **ASPA24.052 - Pre-Bid Meeting Sign in sheet.pdf** | | | |
| **Name** | **Company** | **Telephone No.** | **Email** |
| Fidel Aguila | ASPA Water Division - Engineering | (684) 770 - 1620 | fidel@aspower.com |
| Kris McPhee | ASPA Water Division - Engineering | (684) 254 - 8264 | kmcphee@aspower.com |
| Ruth Epati | ASPA Procurement Division | (684) 699 - 3057 | ruth@aspower.com |
| Alexsandra Sesepasara | ASPA Water Division - Engineering | (684) 699 - 7199 ext 1198 | alexsandra@aspower.com |
| Judith P. | SGC | (684) 699 - 1424 | |
| Vage T. | SGC | (684) 254 - 8783 | tavagat@silvagroupcorp.com |
| Tracy Pitootua | Vailu'u & Sons | (684) 256 - 2730<br>(684) 688 - 1908 | vailuu57@gmail.com |
| Malia Upusili | Diamond Construction | (684) 731 - 3155 | fuatagavi21@gmail.com |
| Salo Fuatagavi | Happy Construction | (684) 688 - 7551 | rainbow297htc@gmail.com |
| Jerome Tanzon | Tony's Construction | (684) 699 - 5156<br>(684) 252 - 6314 | tony_construction@yahoo.com |
| Jayspher Jabow | CTC | (684) 699 - 7526 | tony@ctcpago.com<br>jayspher@ctcpago.com |
| Joel Baslio | Happy Construction | (684) 258 - 5926 | joelbasilio.happyconstruction@gmail.com |
| Wendy | Newborn Construction | (684) 699 - 7985 | |
| Jr. Mirasol | Paramount Builders | (684) 699 - 7111 | paramount_b@yahoo.com |

| | | | |
|---|---|---|---|
| George Panagsagan | Paramount Builders | (684) 782 - 1030 | gppbi@yahoo.com |
| Alex Willis | Willis Construction Corp. | (684) 256 - 5824 | willisconstruction684@gmail.com |
| Roy Willis | SeaPac Engineering, Inc. | (684) 256 - 5824 | willisconstruction684@gmail.com |
| Paul Abella | CTC | | paul@ctcpago.com |
| Lofi | Happy Construction | | |
| Loloane Auala | McConnell Dowell | (684) 258 - 7819 | loloane.auala@mcdgroup.com |
| Michael Fuiava | Paramount Builders | | paramount_b@yahoo.com |

***Pre-Bid Meeting Agenda:***

**Agenda - Mandatory Pre Bid Mtg - AUA.pdf**

- Discussed project scope of work. See supporting documents posted on ASPA website for more details.
- Emphasized that Project Duration will come from the Bidder. With that, the Bidder should account for the typical rainy days (rain out days) and high tides in their proposal when noting the project's duration.
- Discussed Items on Bid Form.
- Stressed the importance of safety, especially with Shoring/Shielding activities that require approval from Engineer and have a competent person on site during excavation. Refer to OSHA 1926 on Shoring/Shielding.
- Reminded attendees about Addendum #1 and revised Bid Form that was posted for this RFP and utilizing the Sign In Sheet, as the Pre-Bid was a Mandatory Meeting, to remain responsible and responsive in their proposal submission.
- Discussed Liquidated Damages.

***Inquiries from Contractor(s):***

- Is the Contractor allowed to charge 'idle time' when there is official work stoppage and/or when work is suspended? It's negotiable on a case by case basis. Procurement shall confirm upon contract award.
- Are all materials supplied by ASPA? Only for new installations.
- Is Contractor paying for disinfection? No. Done by ASPA Water in-house crew.
- Site Visit Schedule: Tuesday, 01 October 2024 @1000 between Leloaloa Church and Tutuila Store.

ATTACHMENT – BID FORM (with partial sow description and notes)

TO: American Samoa Power Authority, Attn: Procurement Manager.
TITLE: Aua AC Pipe Replacement
RFP#: ASPA24.052
BIDDER: _____
_____

DATE: _____ , 2024

**Timeline for Completion** _____ Calendar Days

**BASE BID**



| ITEM DESCRIPTION | EST. QTY | PRICE PER UNIT | TOTAL PRICE |
|---|---|---|---|
| 1. **Mobilization/Demobilization** 5% max of bid amount | 1 LS | $_____ | $_____ |
| 2. **Staging area, Site Restroom and Meeting Room/Office** | 1 LS | $_____ | $_____ |

The contractor is responsible for the staging area permit and other necessary permits including permit for the temporary site restroom and meeting room/office. The project pipe, fittings and materials which are at the ASPA yard, shall be all safely moved, stored and secured at this staging area. When project has concluded, all unused items shall be safely returned to ASPA. At a minimum, restroom can be portable toilet type. The size of the meeting room/office shall be at a minimum 15ft by 15ft. Above price shall include all necessary costs to construct the simple site office to conduct project site meetings between ASPA and the contractor (no AC or internet required).

| | | | |
|---|---|---|---|
| 3. **Install Erosion and Sedimentation Control Plan** | 1 LS | $_____ | $_____ |

Above price shall include all necessary permits, supervision, labor, equipment, materials and permits required for installation of temporary and permanent Erosion and Sedimentation Controls throughout the project construction site as approved by AS-EPA and maintained for the duration of the project to comply with ASEPA's recommendation and as specified in the drawings.

| | | | |
|---|---|---|---|
| 4. **Install 12" PVCO Pipe** | 7220 LF | $_____ | $_____ |

The above price shall include all supervision, certified personnel in PVCO water pipe installation, labor, equipment, corrosion protection wrapping, **8"** bedding under pipe, backfill, required tests and permits, potholing to locate utilities along the pipe alignment, traffic control, dewatering/shoring if needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by ASPA's Project Engineer (APE). The trench width of 30" must be maintained throughout the new pipe alignment. Both sides of the trench inside the road to be cleanly cut to 100% of the asphalt/concrete depth before trenching (this asphalt/concrete shall be carefully cut

out and removed to then reuse for Temporary Road Restoration). Side of road restored to their original or better quality as approved by ASPA. Along upper Route B section, install bell harness at every bell joint, especially adjacent/near bends and thrust blocks. Along Route A and lower Route B section, install bell harness adjacent/near bends/thrust blocks and approximately every 100 ft and/or where directed by APE. (see note E below)

5. **Install 8" PVCO Pipe** 240 LF $_____ $_____
The above price shall include all supervision, certified personnel in PVCO water pipe installation, labor, equipment, corrosion protection wrapping, 6" bedding under pipe, backfill, required tests and permits, potholing to locate utilities along the pipe alignment, traffic control, dewatering/shoring if needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or directed by APE. The trench width of 24" must be maintained throughout the new pipe alignment. Both sides of the trench inside the road to be cleanly cut to 100% of the asphalt/concrete depth before trenching (this asphalt/concrete shall be carefully cut out and removed to then reuse for Temporary Road Restoration). Side of road restored to their original or better quality as approved by ASPA. Along Route A, install bell harness adjacent/near bends/thrust blocks and approximately every 100 ft and where directed by APE.

6. **Install Fire Hydrants with two Bollards** 10 EA $_____ $_____
Above price shall include all supervision, labor, equipment, corrosion protection wrapping, backfill, compaction and testing, two 6" steel protection bollards 4ft high, concrete slab, thrust blocks and all concrete works required for the complete installation of replacement and new FHs and connection to the new mainline as specified and shown in the drawings, approximately every 600 ft where space is available and/or as directed by APE. All bollards shall be painted safety red with high visibility 6" wide reflective yellow strip/tape at the top.

7. **Install Fire Hydrants without Bollards** 4 EA $_____ $_____
Above price shall include all supervision, labor, equipment, corrosion protection wrapping, backfill, compaction and testing, concrete slab, thrust blocks and all concrete works required for the complete installation of replacement and new FHs and connection to the new mainline as specified and shown in the drawings, approximately every 600 ft where space is available and/or as directed by APE.

8. **Install Air Relief Valves** 12 EA $_____ $_____
Above price shall include all supervision, labor, equipment, corrosion protection wrapping, backfill and materials for the complete installation of above-ground or below-ground ARVs at high points along the mainline and at underground utility crossings as specified, shown in the drawings and/or as directed by APE. ASPA will provide the plastic cover for the ARV unit.

9. **Install Service Stub-Outs/ NO Asphalt Road cuts** 35 EA $_____ $_____

This cost is for service connections that don't require road cuts. Above prices shall include all supervision, labor, equipment, corrosion protection wrapping, backfill, compaction and testing as specified in the contract and shown in the drawings and as directed by APE. Each service connection starts from the saddle at the 12" mainline or 6" mainline and ends at the service meter that is within or at 20' from the 12" mainline or 6" mainline. 2" pipe has a minimum 2' of cover.

10. **Install Service Stub-Outs/ WITH Asphalt Road cuts** 45 EA $_____ $_____
Above prices shall include all supervision, labor, equipment, corrosion protection wrapping, equipment for road cutting and installation of the service crossing, backfill, compaction and testing as specified in the contract and shown in the drawings and as directed by APE. Each service connection starts from the saddle at the 12" mainline and ends at the service meter that is within or at 40' from the 12" mainline. 2" pipe has 2' minimum cover.

11. **Install 2" Service Connection Extensions** 4400 LF $_____ $_____
Above prices shall include all supervision, labor, equipment, equipment for private driveway cutting and installation of the service crossing, backfill, compaction and testing necessary for the complete installation and transfer of existing water meters as specified in the contract and shown in the drawings and as directed by APE. 2" pipe shall have minimum 2' cover. 1" pipe shall have 18" minimum cover.

12. **Install 1" Service Connection Extensions** 5000 LF $_____ $_____
Above prices shall include all supervision, labor, equipment, equipment for private driveway cutting and installation of the service crossing, backfill, private property restoration, compaction and testing necessary for the complete installation and transfer of existing water meters as specified in the contract and shown in the drawings and as directed by APE. 1" pipe shall have 18" minimum cover.

13. **Install Pipe Concrete Encasement on 12" pipe** 500 LF $_____ $_____
Above price shall include all supervision, labor, equipment, backfill and materials for the complete installation of the pipe concrete encasement as specified, shown in the drawings and/or as directed by APE.

14. **Install Pipe Concrete Encasement on 8" pipe** 300 LF $_____ $_____
Above price shall include all supervision, labor, equipment, backfill and materials for the complete installation of the pipe concrete encasement as specified, shown in the drawings and/or as directed by APE.

15. **Pipe Flushing and Hydrostatic Test** 1 LS $_____ $_____

Above prices shall include all supervision by experienced personnel, labor, equipment, specialized equipment, test water (paid to ASPA if ASPA water is used), disposal of chlorinated water as approved by ASEPA, temporary erosion control measures, conducted approximately every 1000ft, as specified and shown in the drawings.

16. **AS-BUILT Survey** 1 LS $_____ $_____
Above price shall include all necessary costs to produce an AS-BUILT that conforms to ASPA's standards as shown in the Technical Specs and Contract Documents. Survey work shall be done concurrently with trenching, mainline, and service line pipe laying for accuracy. As-built should include all underground utilities along the path of the new pipe trench. Point accuracy to be within 4" limits of tie-ins, utility crossings, service laterals to water meter, fire hydrants and all new water pipe work shall be shown in the As-built detailed drawings. This As-built deliverable is a requirement and shall be submitted and approved of by ASPA together with monthly payment claims of accomplished work. Head surveyor shall be licensed for land survey work in American Samoa.

17. **Private Concrete Pavement Restoration** 300 CY $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful restoration of concrete pavement on the private properties to their original or better condition as approved by APE. Concrete to be 4000 psi and 4" thick. Sub-base to be compacted to 95% and tested per site.

18. **Temporary Asphalt or Concrete Road Restoration** 6000 LF $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits, traffic control for the temporary road restoration within 1 calendar day of installing new mainline to maintain a drivable surface and to prevent storm events from eroding compacted trench and damaging paved road to the approval of the APE. Method preferred is to reuse carefully cut out blocks of the existing asphalt or concrete.

19. **Rock Wall and Fence Restoration** 800 LF $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful restoration of the private properties and to their original or better condition as approved by APE. Concrete to be 4000 psi and 4" thick. Sub-base to be compacted to 95% and tested per site.

20. **Curb and Gutter Restoration** 400 LF $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful curb and gutter restoration to DPW standards and to new condition as approved by APE. Concrete to be 4000 psi and 4" thick. Sub-base to be compacted to 95% and tested per site.

21. **Concrete Storm Drainage Swale Restoration** 2000 LF $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful concrete swale restoration to DPW standards and to new condition as approved by APE. Concrete to be 4000 psi and 4" thick. Sub-base to be compacted to 95% and tested per site.

22. **Sidewalk Restoration** 700 LF $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful sidewalk restoration to DPW standards and to new condition as approved by APE. Concrete to be 4000 psi and 4" thick. Sub-base to be compacted to 95% and tested per site.

23. **Remove Existing Fire Hydrants** 10 EA $_____ $_____
Above price shall include all supervision, traffic control, labor, equipment, backfill, compaction, and testing, required for the complete removal of existing fire hydrants as specified and shown in the drawings and as directed by APE.

24. **Permanent Concrete Road Restoration** 145 CY $_____ $_____
Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful restoration of the asphalt road (assume 6" thickness and 32" width) to new condition with compliance with DPW standards and as approved of by APE.

25. **Install 12" DI Mainline Underground Utility Crossings** 5 EA $_____ $_____
These crossings include but not limited to sewer/storm drain crossings as specified, shown on the drawings and/or as directed by APE. The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, **8"** bedding under pipe, backfill, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

26. **Install 12" PVC Mainline Underground Utility Crossings** 7 EA $_____ $_____
These crossings include but not limited to sewer/storm drain crossings as specified, shown on the drawings and/or as directed by APE. The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, **8"** bedding under pipe, backfill, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

27. **Station 31+60 Install 12" DI Mainline Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 31+60). The above price shall include all

supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

28. **Station 34+40 Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 34+40). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

29. **Station 37+30 Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 37+30). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

30. **Station 49+90 Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 49+90). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

31. **Station 56+75 Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 56+75). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

32. **Station 13+20 (Route B) Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____

An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 13+20 Route B). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

**33. Station 15+00 (Route B) Install 12" DI Mainline**
**Above Grade Stream Crossing** 1 EA $_____ $_____
An alternative to a typical Underground Utility Crossings is this above grade stream crossing as specified on the detail drawing Titled: Stream Crossing (STA 15+00 Route B). The above price shall include all supervision, certified personnel in water pipe installation, labor, equipment, corrosion protection wrapping, required tests and permits, bedding under pipe, backfill, restoration, dewatering as needed, and all non-plumbing materials necessary for this work as specified, shown in the drawings and/or as directed by APE.

END of Base Bid

**OPTIONAL BID**

| ITEM DESCRIPTION | EST. QTY | PRICE PER UNIT | TOTAL PRICE |
|---|---|---|---|
| 1. **Permanent Asphalt Road Restoration** | 600 CY | $_____ | $_____ |

Above prices shall include all supervision, needed labor, necessary equipment, all materials, tests and permits for the successful restoration of the asphalt road (assume 4" thickness and one lane at 12' width) to new condition with compliance with DPW standards and as approved of by APE.

Notes:

A. As much as possible, the 12" mainline shall be installed outside of asphalt roadway.
B. Pipe, fittings and materials called out on the design plans have been ordered by ASPA and are now at the ASPA Tafuna yard.
C. Bell harness (restraint) instructions on this bid form shall be followed in lieu of the bell harness instruction on the design plans plan and profile sheets.
D. Proposed new fire hydrants are shown on the design plans and will also be field located by the ASPA Project Engineer (APE).
E. Sheet C-012, C-013 and first portion of C-014 before Station 30+20 showing new 12" main shall be disregarded, because in lieu of new 12" main ASPA will utilize existing 16" PVC and serve homes in this area with 6" and 2" stubouts installed by ASPA.
F. The new 12" PVC main and project beginning point is shown on Sheet C-014 at about Station 30+20, where the existing 16" ends at group of valves in Leloaloa.

G. Sheet C-032 Fire Hydrant Piping and Details has changes made to the quantity of guard poles (bollards) and size of the slab. See and use updated ASPA standard FH detail or as directed by APE.
H. Sheet C-034 Typical Bollard Details shall be disregarded. See and use updated ASPA standard FH bollard details or as directed by APE.
I. Sheet C-043 Tie in Details is for ASPA crew use. All Tie ins shall be installed by ASPA.
J. Sheet C-047, C-048 Inline Meter and Access Hatch with Ladder Installation respectively shall be disregarded and is not part of the scope of this project.
K. Sheet C-049 Oil/Water Separator shall be disregarded and is not part of the scope of this project.
L. Pipe Flushing and Disinfection - shall be done by ASPA.
M. Correction to the ASPA Procurement and Technical Specification: Page 108, under Section 33 14 11 Water Utility Transmission Piping, under Measurement and Payment, with regard to PVCO Water Main and Ductile Iron Water Main - disregard second sentence in parenthesis that says:
    a. (quantity of imported bedding material required, if any, will be paid separately under its own Line Item).
    b. To clarify, pipe bedding (or imported bedding) material is incidental to any water main (or service line) installation.
N. During construction, any ground-disturbing activities shall be monitored by an in-house ASPA archaeologist. If any historic properties are discovered during construction, they shall be treated as per 36 CFR 800.13 for review, and work shall stop as needed with no additional cost.
O. The contractor shall implement the process of supporting a structure, typically during construction or excavation, to prevent collapse in accordance with 29 CFR Part 1926.



Total BASE Bid: _____ $_____
*(Amount in Words)*

Total OPTIONAL Bid: _____ $_____
*(Amount in Words)*

IN WITNESS THEREOF, the undersigned has caused this instrument to be executed by its duly authorized officers on this day of _____ , 2024

BIDDER:

By: _____

Name: _____

Title: _____