



**Scope of Services for**  
**Mahogany Road Waterline Improvements**  
**St. Croix, USVI**

FROM: Michael A. Penn, PE, ENV SP (July 10, 2025)  
  
Client Service Manager at Stanley Consultants  
  
Office: 561-584-8734

TO: Andrew W. Jarmak, PE  
  
USVI Water and Power Authority  
  
Office: 340-774-3552 x2425

**Background:**

Stanley Consultants Inc. completed design of the Mahogany Road corridor in 2024. The design included full depth reclamation for the asphalt, improvements to the drainage features, and supporting retaining walls.

In 2025 after solicitation the project was awarded for construction and is currently being built.

WAPA has the intention to update the waterline to provide a mainline system within the corridor and provide cost savings to the agencies since it is already under construction contract.

This project will inherit all DPW/FHWA established scope agreements regarding criteria, design, and deliverables. This will benefit the change order incorporation and construction timeline while limiting possible cost increases. The intent is to add the waterline project upgrades without negatively impacting the construction schedule through a change order.

## Scope of Services:

Stanley Consultant Inc. to provide waterline replacement design and construction document deliverables. The project location is along the Mahogany Road alignment illustrated below (in blue) for approximately 3,696 feet. The project consists of replacing a portion of existing 6" DIP approximately 1,786 feet with new 6" C-900 PVC in addition to new 6" C-900 PVC approximately 1,910 feet. The mainline will contain features such as fire hydrants, gate valves, elbow fittings, air release valves, and blow-off valves where needed.





## Deliverables

### **Task 1: Pre-Final Documentation:**

Stanley to provide Pre-Final Construction Documentation for Client Review.

Documents include:

- Construction Plans (11"x17")
- Construction Specifications (FP-14 with WAPA Supplementals)
- Opinion of Probable Construction Cost (FHWA Pay Items)

### **Task 2: Final Documentation:**

Stanley to provide Final Construction Documentation for Client Review.

Documents include:

- Construction Plans (11"x17")
- Construction Specifications (FP-14 with WAPA Supplementals)
- Opinion of Probable Construction Cost (FHWA Pay Items)

## Services Not Included

This project will not include the following services:

- Survey Services (will use existing data)
- Geotechnical Services (will use existing data)
- Environmental Services
- Permitting Services
- Stakeholder/Utility Engagement/Coordination
- Agency Engagement/Coordination
- Construction Company Engagement/Coordination
- Water System Modeling



- Bid Solicitation Support Services
- Engineering During Construction (EDC)

## Schedule

Submittal package will be provided in accordance with the project schedule below:

Mahogany Road Waterline Improvements												
Weeks After NTP	1	2	3	4	5	6	7	8	9	10	11	12
Pre-Final Documents												
WAPA/DPW Review												
Responses/Coordination												
Final Documents												

## Compensation

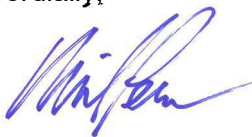
The Scope of Services mentioned in this document should be compensated as a lump sum amount totaling \$69,237. This amount is inclusive of taxes with no expenses associated with the project.

## Recommendation

It is highly recommended that DPW be involved through the project design phases and invited to meetings since the corridor falls under FHWA Caribbean District and the document mechanism is through a change order under the existing contract between DPW and the Contractor.

Should you have any questions or need additional information, please do not hesitate to contact our office (561) 689-7444.

Cordially,



Michael A. Penn, PE, ENV SP

Client Service Manager