

FINAL PROGRESS REPORT

Hilltop Nature Park Enhancements

14-094-000-7962

October 1, 2013 – September 30, 2016

Task 1: Project Design and Permitting

- **Provide a brief description of status of the task:** not started in progress completed
- **Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)**

On February 26, 2014, the County entered into a Professional Services Contract for engineering and architectural services with LNV, Inc. LNV drafted the plans and designs for the ArmorFlex structure, trails, overlook, and boardwalk. Nueces County designed a vegetation plan for the removal of invasive species and replanting of native vegetation. The County designed interpretive signage for the project site. The United States Army Corps of Engineers (USACE) determined that a permit was not required for the project.

- **List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.**

Deliverable Name	Date Due	Date submitted	Comments
<i>USACE Permit</i>	3/31/2015	10/10/2014	Not required. Preliminary Jurisdictional Determination letter provided.
<i>Vegetation plan</i>	3/31/2015	12/1/2016	
<i>Park Plan and Designs (ArmorFlex structure, trail, boardwalk, and overlook)</i>	3/31/2015	10/31/2014	
<i>Sign design</i>	3/31/2016	12/2/2016	

- **Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision).** Yes No If yes, please explain:

Communication with USACE delayed the preparation of designs and specifications. The County requested a contract extension, which was granted.

Task 2: Contractor Selection

- **Provide a brief description of status of the task:** not started in progress completed
- **Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)**

The County developed bid documents for the ArmorFlex structure and nature trail. The bids were advertised in the Corpus Christi Caller Times on September 28, 2015 and October 5, 2015. A pre-bid meeting was held on October 7, 2015. Bids

closed on October 16, 2015. The bids were higher than anticipated. The County issued the construction contractor a Notice to Proceed on March 7, 2016.

- **List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.**

Deliverable Name	Date Due	Date submitted	Comments
<i>Construction contract documents/Technical Specs/Bid Documents</i>	5/31/2015	5/31/2015	
<i>Copy of bid tabulation and bid advertisement</i>	10/31/2015	12/1/2016	
<i>Copy of executed construction contract</i>	2/29/2016	8/31/2016	

- **Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision).** Yes No If yes, please explain:

Due to significant pricing changes from the time of application, the County was unable to complete the project within the original project budget. The GLO executed an amendment to add funding to the project. The County completed additional in-kind work to remove costly elements from the construction contract, including site clearing and construction of the timber boardwalk and overlook structure. Additionally, the length of the nature trails was reduced to allow all other project elements to be constructed as proposed.

Task 3: Construction

- **Provide a brief description of status of the task:** not started in progress completed
- **Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)**

The contractor mobilized and conducted site clearing in preparation for the walkways. The County constructed a 1,311.75 linear-foot walkway and a 562.5 linear-foot walkway and installed erosion control measures to prevent further creek bank erosion and promote the growth of existing habitat. The County created an accessible nature overlook/timber structure to encourage wildlife observation. Interpretive signage was placed at the overlook and along the new nature trail.

- **List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.**

Deliverable Name	Date Due	Date submitted	Comments
<i>ArmorFlex structure, Timber walkway, boardwalk and overlook construction</i>	6/30/2016	12/1/2016	
<i>Trail construction</i>	6/30/2016	12/1/2016	
<i>Signage placement</i>	7/31/2016	12/2/2016	

- **Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision).** Yes No If yes, please explain:

Task 4: Project Monitoring and Reporting

- Provide a brief description of status of the task: not started in progress completed
- Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)

The County conducted project monitoring and reporting as required.

- List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.

Deliverable Name	Date Due	Date submitted	Comments
<i>Final Report</i>	9/30/2016	12/2/2016	
<i>Grant Closeout Report</i>	9/30/2016	12/1/2016	

- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). Yes No If yes, please explain:



Figure 1. Photo of constructed trail, timber walkway, and installed CMP signage.



Figure 2. Photo of constructed trail, timber walkway, and installed CMP signage.



Figure 3. Photo of Armorflex structure installed to prevent further creek bank erosion and promote the growth of existing habitat.



Figure 4. Photo of boardwalk/overlook built to encourage wildlife observation.



Figure 5. Photo of installed interpretive signage along trail.



Figure 6. Photo of installed interpretive signage on overlook.