

PROGRESS REPORT

Derry Waterfront Park Living Shoreline

13-044-000-6911

Final Report

Task 1: (Engineering and Construction Administration)

- 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.)

A notice to proceed was issued to HDR on July 28, 2014 for engineering services. A site visit and project kickoff meeting were held on September 3, 2014. GLO staff drafted the construction contract proposal solicitation. HDR finalized the project design and specifications. The bid solicitation was posted on November 17, 2014. A pre-proposal meeting with bidding contractors was held on December 3, 2014 at the Port Isabel City Hall at 9:30 AM. Four contractors attended. A pre-construction conference was held on March 18, 2015 in Port Isabel. Shirley and Sons was selected as the construction contractor. A Notice of Contract Award was issued on January 28, 2015.

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

Deliverable Name	Date Due	Date submitted
Construction drawings	August 31, 2015	9/26/2014
Bid/contract documents	August 31, 2015	9/26/2014
Bid advertisement	August 31, 2015	11/17/2014
Bid tabulation	August 31, 2015	1/21/2015
Conceptual educational sign design	August 31, 2015	12/17/2015
Construction contract	August 31, 2015	3/9/2015

- 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:

The signage contractor only provided one sign as part of the conceptual design.

Task 2: 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.)

A Notice to Proceed was issued to the construction contractor on April 1, 2015. The construction contractor cleared debris from the shoreline and installed silt fence in the work area. A significant amount of concrete debris was discovered below existing grade in the marsh planting area, which was beyond the limits of shoreline surface debris. The project engineer and construction contractor discussed options to address the issue. The construction contractor broke down all concrete and

removed the debris. The breakwater was completed on June 17, 2015. Smooth cordgrass planting began on August 13, 2015 and was completed on August 14, 2015. The substantial completion inspection took place on August 20, 2015.

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

Deliverable Name	Date Due	Date submitted
<i>Final Surveys of Completed Project</i>	<i>August 31, 2015</i>	<i>12/17/2015</i>

- **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 3: 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.)**

Project is complete.

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

Deliverable Name	Date Due	Date submitted
<i>Final Progress Report</i>	<i>August 31, 2015</i>	<i>12/17/2015</i>
<i>Grant Closeout Report</i>	<i>August 31, 2015</i>	<i>Submitted</i>

- **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:



Photo taken April 22, 2014 prior to construction



Photo taken on April 22, 2014 of eastern park boundary prior to construction



Photo taken on April 22, 2014 looking east prior to construction



Photo taken on April 22, 2014 looking east prior to construction



Photo taken on April 22, 2014 of typical shoreline debris prior to construction



Photo taken on April 22, 2014 of shoreline debris (looking west) prior to construction



Photo taken on April 22, 2014 looking west prior to construction



Photo taken on April 22, 2014 of park interior prior to construction



Photo of concrete debris removal on April 17, 2015



Photo of concrete debris removal on April 17, 2015



Photo of shoreline looking east from western terminus on May 1, 2015



Photo of shoreline looking west on May 1, 2015



Photo of breakwater and backfill on May 15, 2015



Photo of western view on May 15, 2015



Photo of breakwater construction on June 12, 2015



Photo of breakwater and upslope looking west on June 26, 2015



Photo of breakwater and upslope looking east on June 26, 2015



Marsh plants (*Spartina alterniflora*).

Photo taken August 13, 2015



Beginning of marsh planting on west end of project site.

Photo taken August 13, 2015



Marsh plants, at 3 ft centers.

Photo taken August 13, 2015



Subcontractor planting the marsh plants.

Photo taken August 13, 2015



Photo looking west after planting on August 20, 2015



Photo of western terminus after planting on August 20, 2015



Photo taken after planting on August 20, 2015



Photo of shoreline after planting on August 20, 2015

☒ NO EXCEPTION TAKEN

☐ MAKE CORRECTIONS
NOTED

☐ REJECTED

☐ REVISE AND RESUBMIT

Checking is for general conformance with the design concept of the project and general compliance with the contract documents. Contractor shall be responsible for dimensions and quantities, techniques of construction, coordination of his work with that of other trades, and the satisfactory performance of the work.

HDR ENGINEERING, INC.

Date 8/31/15 By Phenyls Blum

Arturo Galvan Park
Living Shoreline Project

Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation

*All coordinates provide are in NAD 83 Texas South

Photos taken August 31, 2015



Point 1.
Northing 16556221
Easting 1402386

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 2.
Northing 16556228
Easting 1402427

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 3.
Northing 16556214
Easting 1402475

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 4.
Northing 16556218
Easting 1402525

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 5.
Northing 16556224
Easting 1402575

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 6.
Northing 16556228
Easting 1402624

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 7.
Northing 16556245
Easting 1402671

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 8.
Northing 16556249
Easting 1402722

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 9.
Northing 16556236
Easting 1402770

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 10.
Northing 16556225
Easting 1402820

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 11.
Northing 16556218
Easting 1402869

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 12.
Northing 16556214
Easting 1402920

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 13.
Northing 16556211
Easting 1402970

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 14.
Northing 16556216
Easting 1403020

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 15.
Northing 16556221
Easting 1403070

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 16.
Northing 16556216
Easting 1403122

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 17.
Northing 16556193
Easting 1403168

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 18.
Northing 16556173
Easting 1403240

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 19.
Northing 16556162
Easting 1403434

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 20.
Northing 16556163
Easting 1403484

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 21.
Northing 16556162
Easting 1403534

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 22.
Northing 16556155
Easting 1403584

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 23.
Northing 16556151
Easting 1403633

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 24.
Northing 16556144
Easting 1403683

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 25.
Northing 16556138
Easting 1403732

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 26.
Northing 16556133
Easting 1403781

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 27.
Northing 16556115
Easting 1403834

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 28.
Northing 16556097
Easting 1403880

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 29.
Northing 16556082
Easting 1403928

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 30.
Northing 16556069
Easting 1403978

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 31.
Northing 16556058
Easting 1404027

Arturo Galvan Park
Living Shoreline Project
Smooth Cordgrass (*Spartina Alterniflora*) Planting
Photographic Documentation



Point 32.
Northing 16556047
Easting 1404062



Photo of temporary CMP signage at project site



Photo of permanent CMP signage at project site



Photo of recreational access in the Park's center



Photo of recreational access in the Park's center



Photo of recreational access at western end of Park