

**Technical Memorandum**  
**Cedar Bayou/Vinson Slough Restoration Project**  
**Aransas County, Texas**

**Progress Update #20: 9/15 through 9/21**

**General**

As of 9/21/2014, RLB's progress in both Cedar Bayou and Vinson Slough continues with a total volume removed to date of approximately 544,000 cubic yards of material, including the spoil pile excavation.

**Cedar Bayou**

Excavation of Cedar Bayou has continued this week using 1 excavator and 6 off-road trucks with excavation in the Gulf expected to begin shortly. The total advance in Cedar Bayou is approximately 6,700 feet since the start of the project. Excavator working in Cedar Bayou can be seen in Figure 1.



**Figure 1. Excavators working in Cedar Bayou.**

### **Vinson Slough**

RLB completed dredging in the western end of the Vinson Slough template this week and began sweeping excess sand within Vinson Slough at various locations. Total advance along the Vinson Slough design template is 7,600 feet since the project began. The hydraulic dredge working in Vinson Slough is shown in Figure 2.



**Figure 2. Dredge working in Vinson Slough.**

### **Beach Placement Areas**

All material excavated from Cedar Bayou is transported by off-road trucks along the haul route and dumped into Placement Area 2. Material dredged from Vinson Slough is transported via pipeline to Placement Area 2. Figure 3 shows an off road truck placing material and the dredge outfall on Placement Area 2.



**Figure 3. Off-road truck placing material and the dredge outfall on Placement Area 2**

### Environmental Monitoring

RLB's bird and turtle monitor patrolled the active work areas and work limits for any signs of turtle activity prior to the start of work and periodically throughout the workday. No sightings of turtle nesting or piping plovers were recorded during this week.

### Estimated Completion

As of 9/21/2014, the estimated completion for removal of material in Cedar Bayou is expected to be sometime during the week of September 22. The design quantity of Material in Vinson Slough has been removed; the dredge will continue sweeping any excess material within the cut. The estimated completion date for sweeping operations in Vinson Slough is before the end of the month of September. The estimated completion date is subject to change due to unforeseen circumstances such as equipment breakdowns and storms and does not include the time required for RLB to demobilize its equipment from the site.

### Overall Progress

Progress during the week of 9/15 to 9/21, as well as overall project progress to date, is shown in Figure 4.

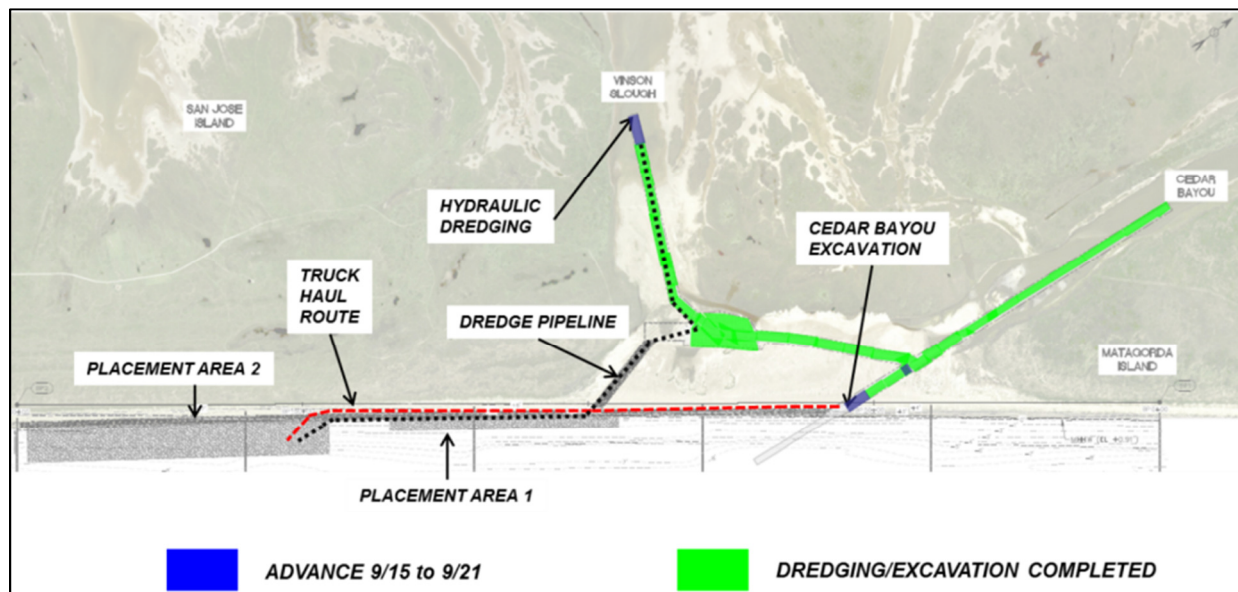


Figure 4. Cedar Bayou/Vinson Slough Restoration Project Progress.