

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

### **Progress Update #18: 9/01 through 9/07**

#### **General**

As of 9/07/2014, RLB's progress in both Cedar Bayou and Vinson Slough continues with a total volume removed to date of approximately 490,000 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. The total advance in Cedar Bayou is approximately 5,950 feet since the start of the project. An excavator working in Cedar Bayou can be seen in Figure 1.



**Figure 1. Excavator executing the full cut in Cedar Bayou.**

#### **Vinson Slough**

RLB continued dredging the western end of the Vinson Slough template this week. Total advance along the Vinson Slough design template is 6,700 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 trucks returning from transporting material to Placement Area 2 on the specified haul route.



**Figure 3. Off-road trucks returning from transporting material to 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 9/07/2014 the estimated completion for removal of material in Vinson Slough and Cedar Bayou is expected to be around late 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 9/01 to 9/07, as well as overall project progress to date, is shown in Figure 4.

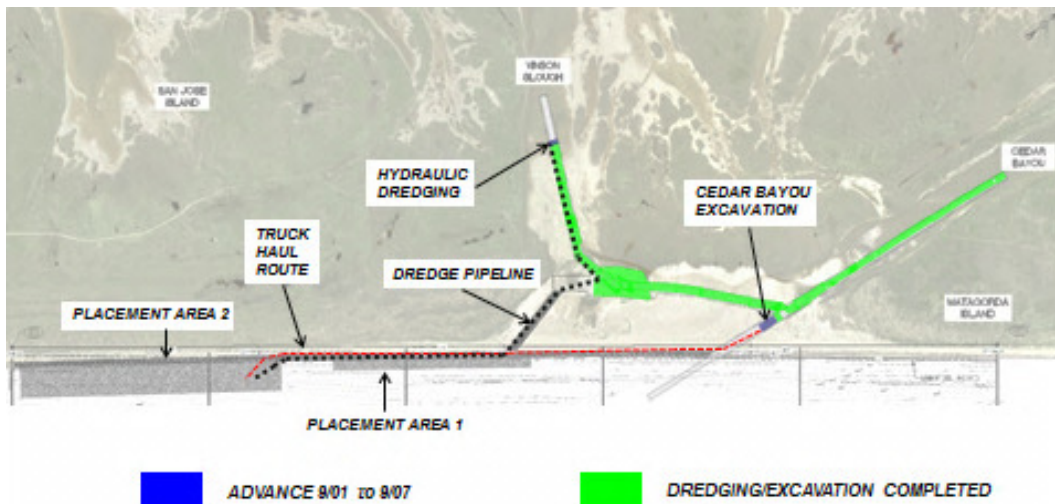


Figure 4. Cedar Bayou/Vinson Slough Restoration Project Progress.