

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

**Progress Update #5: 6/2 through 6/8**

**General**

As of 6/8/2014, RLB's progress in both Cedar Bayou and Vinson Slough continues with a total volume removed to date of approximately 120,000 cubic yards of material, including the spoil pile excavation.

**Cedar Bayou**

Dredging has continued in Cedar Bayou with approximately 2,300 feet of total advance since the start of the project. The contractor continues to maintain the silt curtains around the active dredging area to protect nearby aquatic resources as the dredge advances. Figure 1 shows the hydraulic dredge down for minor repairs during the past week.



**Figure 1. The hydraulic dredge in Cedar Bayou being repaired**

### **Vinson Slough**

RLB continued excavation in Vinson Slough near the intersection with Cedar Bayou making a total advance of 1,600 feet along the design template using 2 excavators and 7 off-road dump trucks. Progress in Vinson Slough is shown in Figure 2.



**Figure 2. Excavation of Vinson Slough looking east from Cedar Bayou.**

### **Beach Placement Areas**

All material excavated from Vinson Slough is transported by off-road trucks along the haul route and dumped into Placement Area 1. Material dredged from Cedar Bayou is transported via pipeline to Placement Area 1. Figure 3 shows sand being graded out with one of RLB's bulldozers into Placement Area 1. A diffuser is used on the end of the pipe to prevent scour of the beach as required by the project permit. All material transported to Placement Area 1 has been waterward of the MHHW line.



**Figure 3. Material hauled from Vinson Slough being graded into Placement Area 1.**

### **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 every day. No sightings of turtle nesting or piping plovers were recorded during this week.

### **Overall Progress**

Progress during the week of 6/2 to 6/8, as well as overall project progress to date, is shown in Figure 4.



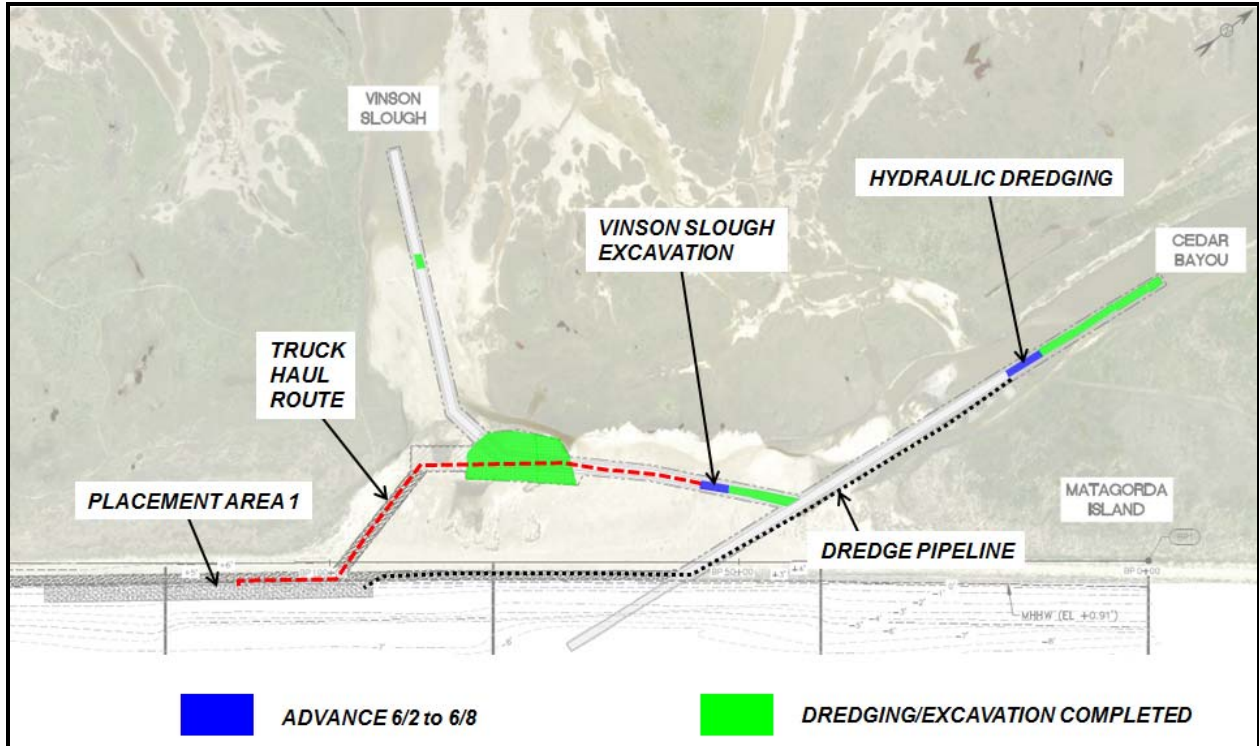


Figure 4. Cedar Bayou/Vinson Slough Restoration Project Progress.