

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

Progress Update #12: 7/21 through 7/27

General

As of 7/27/2014, RLB's progress in both Cedar Bayou and Vinson Slough continues with a total volume removed to date of approximately 330,000 cubic yards of material, including the spoil pile excavation.

Cedar Bayou

Dredging has continued in Cedar Bayou with approximately 3,400 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 working on the western half of the design template.



Figure 1. Hydraulic dredge working in Cedar Bayou.

Vinson Slough

RLB continued excavation in Vinson Slough near the spoil pile location template using 1 excavator and 3 off-road dump trucks. RLB continues excavation at the western edge of the Vinson Slough template using 1 excavator and 4 off-road trucks. Total advance of both excavation areas along the Vinson Slough design template is 5,000 ft. Equipment working in Vinson Slough is shown in Figure 2.



Figure 2. Equipment working in Vinson Slough.

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 material from Cedar Bayou flowing out of the dredge pipe.



Figure 3. Material flowing out of dredge pipe.

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.

Overall Progress

Progress during the week of 7/21 to 7/27, as well as overall project progress to date, is shown in Figure 4.

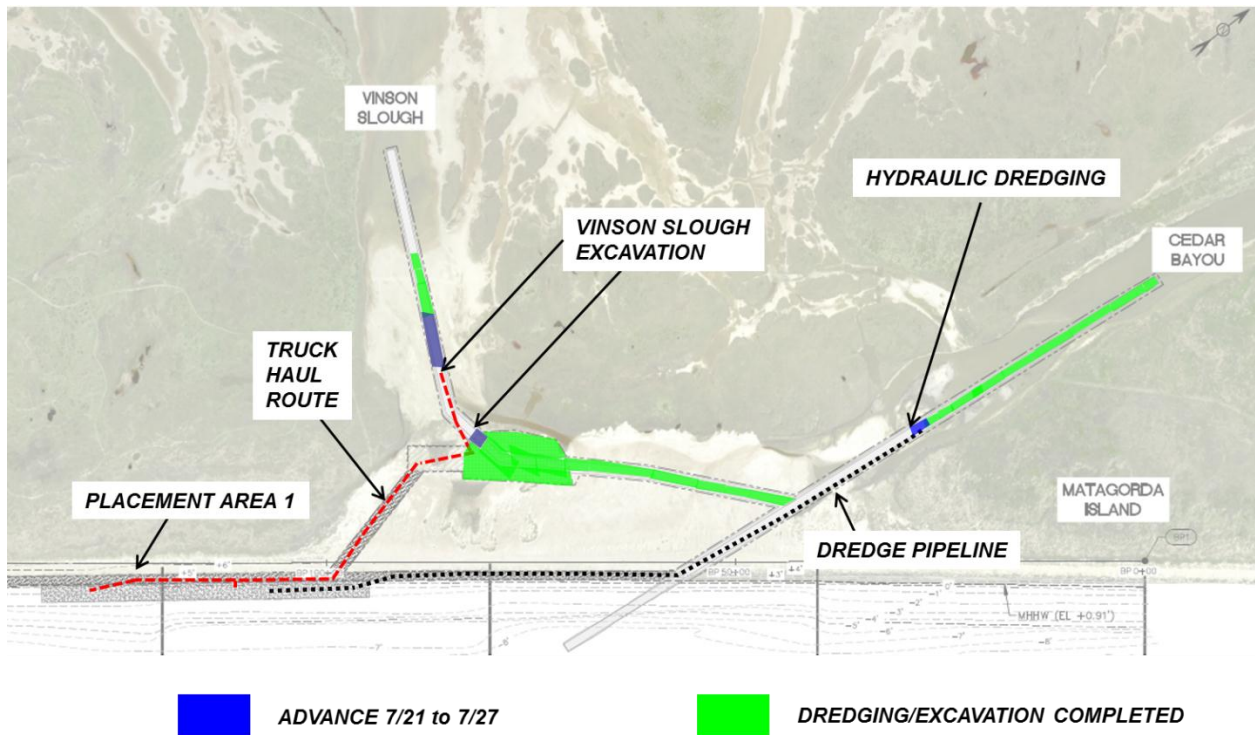


Figure 4. Cedar Bayou/Vinson Slough Restoration Project Progress.