

## Repsdorph Road, Harris County Precinct 2 Seabrook, Texas

CobbFendley prepared **traffic control plans, signing, and pavement marking plans** for the Repsdorph Road in addition to construction oversight of this project. The project involved preparation of PS&E for reconstruction of the existing Repsdorph Road from a 2-lane asphalt roadway with open ditches in to a 4-lane boulevard concrete curb and gutter section with storm sewer system. The project extended from NASA Road 1 to SH 146; both of which are owned by TxDOT. The existing Repsdorph Road has numerous driveways from primarily single and multi-family residential housing and an elementary school located along the corridor.



The TCP phasing was designed to provide access for all residences during construction while maintaining the same number of existing traffic lanes. TCP, signing, and pavement markings for construction of the intersections, permanent, and temporary traffic signal for NASA 1 and SH 146 intersections and approaches to Repsdorph Road were prepared according to TxDOT and Houston District guidelines. The designs were closely coordinated with TxDOT both for plan approval and the ultimate acceptance of the improvements. As part of this project a 2-lane modern roundabout with 160-foot diameter inscribed circles was designed and developed for a 3-legged intersection at Lakeside Avenue. It was complete with truck apron and customized AASHTO approved signage and pavement markings.

### **Completion Date:**

August 2011