



Fort Bend County Engineering  
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.  
County Engineer

June 24, 2016

Commissioner W. A. "Andy" Meyers  
Fort Bend County Precinct 3  
22333 Grand Corner Drive  
Katy, Texas 77494

**RE: Intersection Traffic Control Studies:  
Cinco Ranch Boulevard at Cinco Terrace Drive  
Cinco Ranch Boulevard at Ranch Point Drive**

Dear Commissioner Meyers:

The Fort Bend County Engineering Department has completed a review of the operational conditions at the intersections of Cinco Ranch Boulevard with Cinco Terrace Drive and Ranch Point Drive in response to requests for multi-way stop control. Cinco Ranch Boulevard is a four-lane Major Thoroughfare, as identified in the 2015 Fort Bend County Major Thoroughfare Plan (MTP), with a speed limit of 35 mph. Both Cinco Terrace Drive and Ranch Point Drive are identified as Collectors in the MTP with speed limits of 30 mph. Both intersections currently operate with two-way stop control.

Because Cinco Ranch Boulevard is a Major Thoroughfare, both intersections were evaluated for traffic signal control based on the warrants specified in the Texas Manual on Uniform Traffic Control Devices. The results of this analysis are detailed below:

- **Cinco Ranch Boulevard at Cinco Terrace Drive:** Traffic conditions at the intersection satisfy Warrant 1 (Eight-Hour Vehicular Volumes), Warrant 2 (Four-Hour Vehicular Volumes), and Warrant 3 (Peak Hour).
- **Cinco Ranch Boulevard at Ranch Point Drive:** Traffic conditions at the intersection satisfy Warrant 2 (Four-Hour Vehicular Volumes)

Based on the above results, Engineering recommends the installation of traffic signals or roundabouts at these intersections. The projects will be placed on the priority list and Engineering will move forward with the designs once funding has been identified.

In the interim, Engineering recommends the conversion of both intersections to multi-way stop control, as shown on the attached traffic control plans. The public hearing date for acceptance of the plans will be scheduled on the next available Commissioner's Court Agenda.

If you have any questions please do not hesitate to contact me at 281-633-7528 or [chris.debaillon@fortbendcountytexas.gov](mailto:chris.debaillon@fortbendcountytexas.gov).

301 Jackson St., 4<sup>th</sup> Floor | Richmond, TX 77469  
Phone 281-633-7500

Regards,

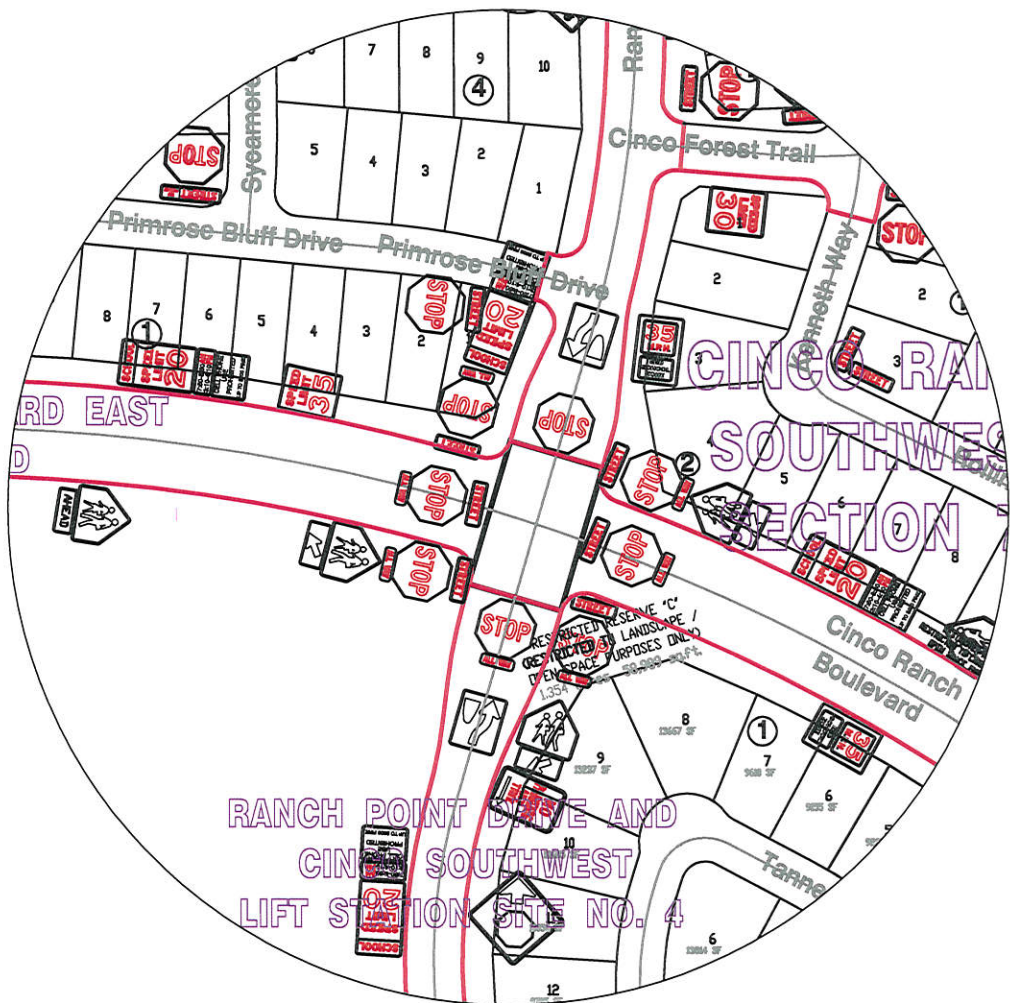
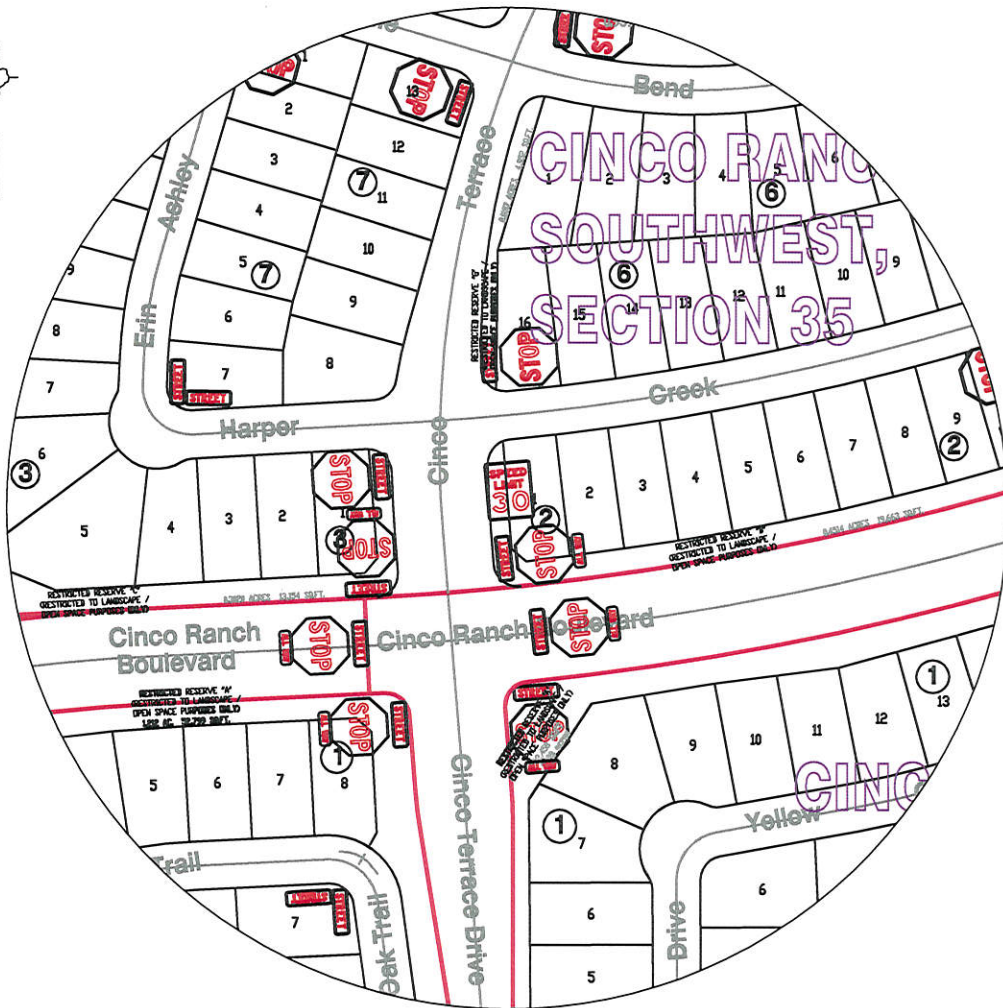


Chris Debaillon, PE, PTOE  
Assistant County Engineer - Traffic

CD/mjs

Attachment

cc: Judge Robert E. Hebert, County Judge  
Marc Grant - FBC Road & Bridge  
Brian Fields - Signage Department  
Melissa Hallman, CIA Services [Melissa.Hallman@ciaservices.com](mailto:Melissa.Hallman@ciaservices.com)  
File



**Note:**

The purpose of this traffic control plan is to revise traffic control for Cinco Ranch Boulevard at the intersections indicated on the drawing with the addition of All-Way Stop Signs.

Drawn By: L. Brdecka

Date: 6-24-16

Approved By: Chris Debaillon, PE PTOE

Date: *CD* 6/24/16

Scale

1" = 200'-0"

**Cinco Ranch Boulevard**

Revised

**Control Map and  
Traffic Sign Layout**

Fort Bend County Engineering Dept.  
301 Jackson Street  
Richmond, Texas 77469