



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

J. Stacy Slawinski, P.E.
County Engineer

July 14, 2020

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

RE: Rancho Bella Parkway at Mirandola Lane in Lakes of Bella Terra – All-Way Stop Control

Dear Commissioner:

The Fort Bend County Engineering Department has completed a review of the operational conditions at the intersection of Rancho Bella Parkway at Mirandola Lane in response to a request for all-way stop control. The intersection currently operates with stop control on Mirandola Lane. Rancho Bella Parkway has a posted speed of 35 mph and is identified as a Collector in the 2015 Fort Bend County Major Thoroughfare Plan.

Per the Texas Manual on Uniform Traffic Control Devices, in addition to vehicular volume a crash history, other factors that may be considered in evaluating an intersection for all-way stop control include the need to control pedestrian conflicts and intersections of two residential neighborhood through streets of similar design and operating characteristics where an all way stop would improve operations. During the morning arrival and afternoon dismissal periods for Hubenak Elementary School, there are many children crossing Rancho Bella Parkway who are in conflict with through traffic on Rancho Bella and parents leaving the school turning from Mirandola Lane. Observations of the intersection showed that an all-way stop would reduce driver confusion in determining right-of-way and reduce pedestrian conflicts.

Due to pedestrian conflicts and the operational characteristics of the intersection, an all-way stop is warranted and Engineering recommends the conversion of the intersection to all-way stop control. A copy of the proposed traffic control plan is attached. If you have any questions please do not hesitate to contact me at 281-633-7528 or chris.debaillon@fortbendcountytexas.gov.

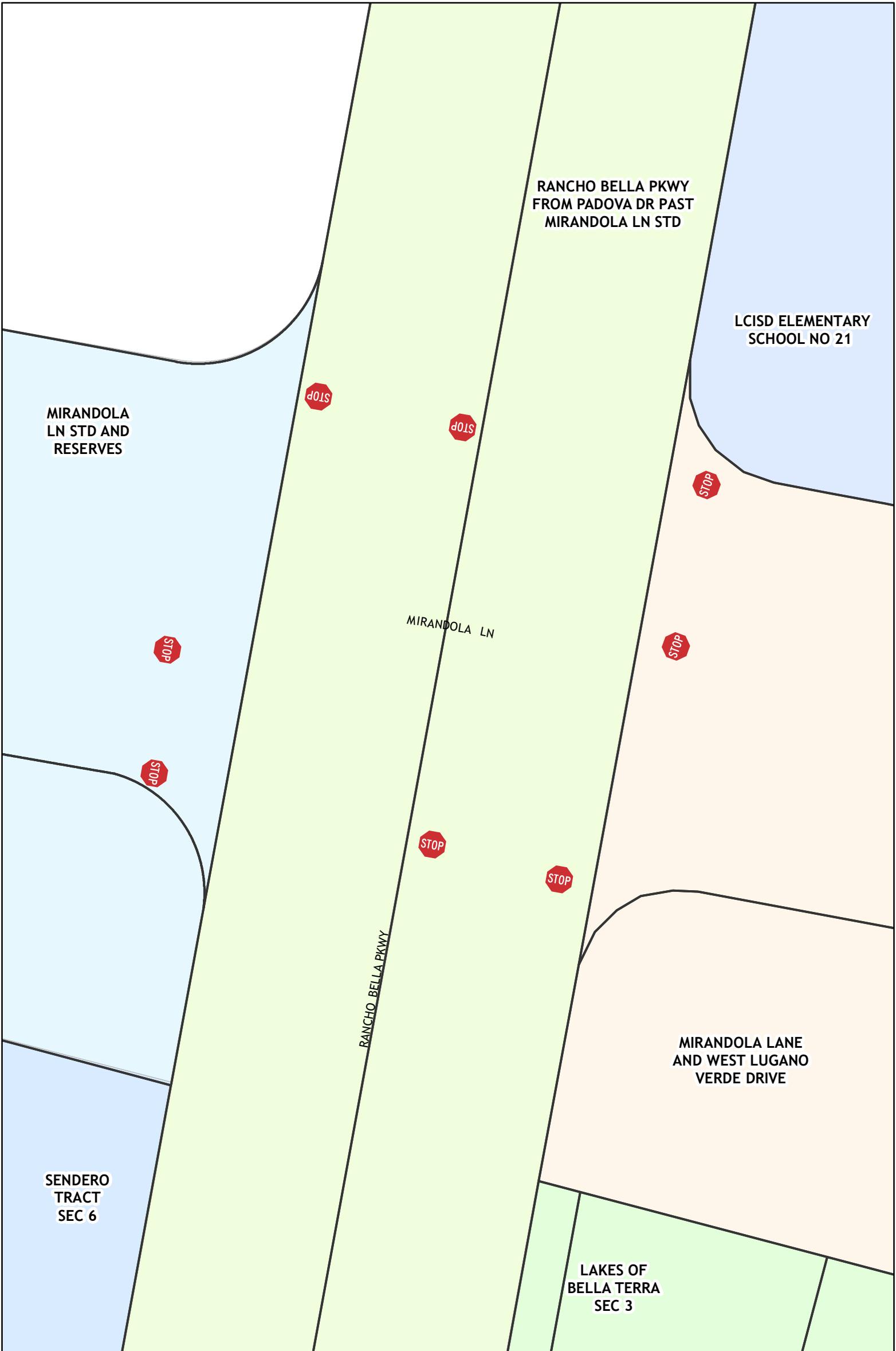
Regards,

Chris Debaillon, PE, PTOE
Assistant County Engineer – Traffic

cc: Judge KP George, County Judge
Scott Wieghat - FBC Road & Bridge
Brian Fields - FBC Road & Bridge
Maj. Chad Norvell – FBC Sheriff's Office

Attachments

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



Rancho Bella Pkwy. at Mirandola Ln.



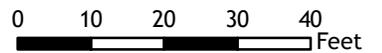
Plan by: Engineering GIS
Date: 7/13/2020

Plan Approved by: Chris Debaillon, PE PTOE
Date: CD 7/13/2020

Sign Legend



Stop



Notes:
The purpose of this traffic control plan is to establish traffic control for Ranch Bella Pkwy. at Mirandola Ln.