



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

J. Stacy Slawinski, P.E.
County Engineer

May 25, 2022

Commissioner W. A. "Andy" Meyers
Fort Bend County Precinct 3
13131 Dairy Ashford Rd #390
Sugar Land, TX 77478

RE: West Aliana Trace Drive at Fairbairn Way in Aliana – All-Way Stop Control

Dear Commissioner:

The Fort Bend County Engineering Department has completed a review of the operational conditions at the intersection of West Aliana Trace Drive at Fairbairn Way in response to a request for all-way stop control. The intersection currently operates with stop control on Fairbairn Way. Both streets have a posted speed limit of 30 mph and are identified as local streets in the 2015 Fort Bend County Major Thoroughfare Plan.

Per the Texas Manual on Uniform Traffic Control Devices, in addition to vehicular volume and crash history, other factors that may be considered in evaluating an intersection for all-way stop control include 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 Malala Elementary School, heavy traffic on West Aliana Trace prevents any turns off of Fairbairn Way. The coming connection of Fairbairn Way to the SH 99 frontage road will provide further conflicts. Observations of the intersection determined that an all-way stop would improve operations.

Due to 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.

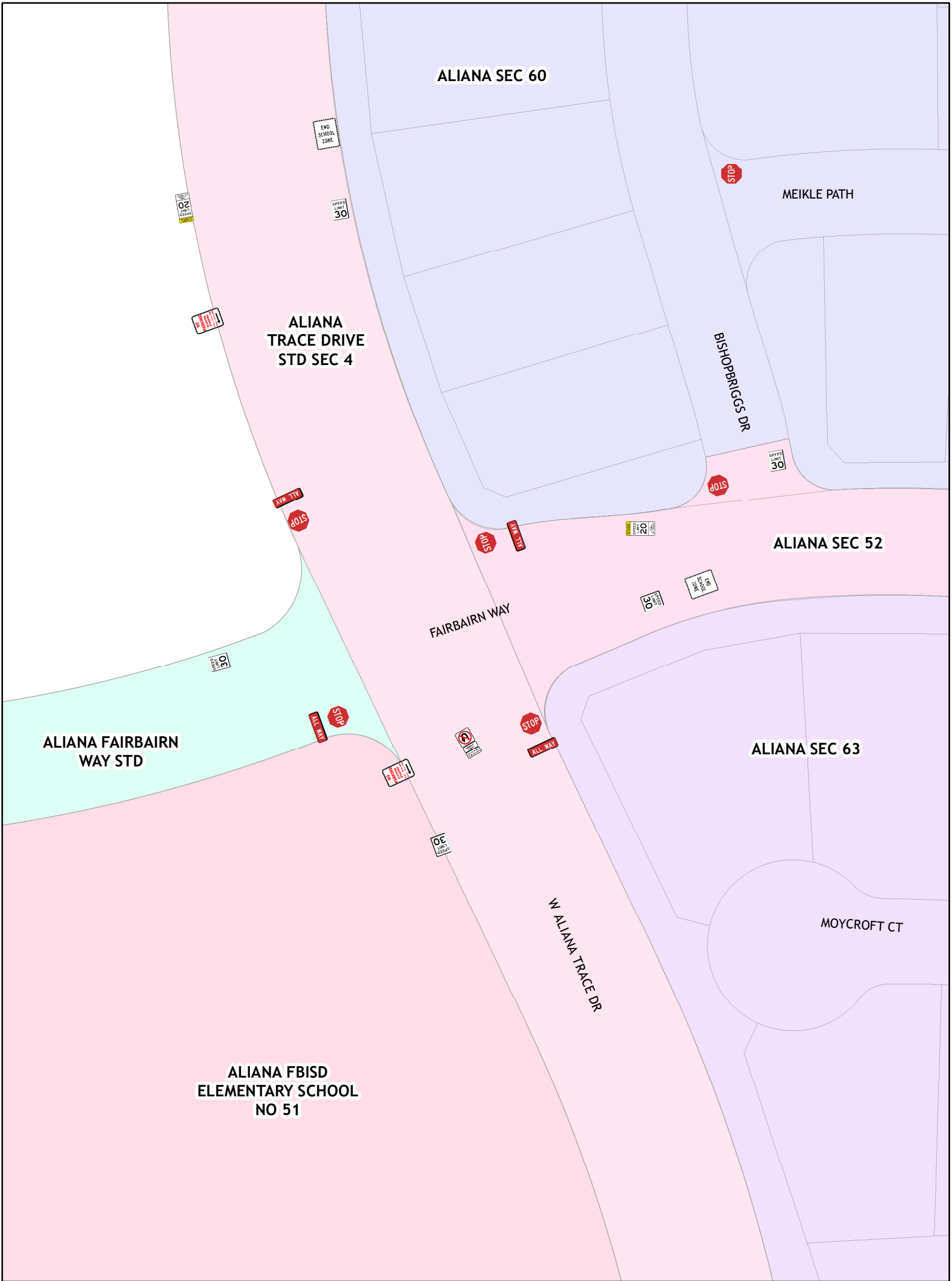
Regards,

Chris Debaillon, PE, PTOE
Assistant County Engineer – Traffic

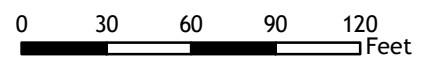
cc: Judge KP George, County Judge
Scott Weighat - FBC Road & Bridge
Brian Fields - FBC Road & Bridge
Major Rudy Castaneda – FBC Sheriff's Office Rudy.Castandea@fortbendcountytexas.gov
Major Manuel Zamora – FBC Sheriff's Office Manuel.Zamora@fortbendcountytexas.gov
File

Attachments

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



W. Aliana Trace Dr. at Fairbairn Way



Sign Legend

-  All Way Plaque (Written)
-  No Parking, Stopping, Standing (Arrow Left)
-  No U Turn - (School)
-  School Zone (End)
-  School Zone - 20 mph
-  Speed Limit 30 mph
-  Stop



Notes:
 The purpose of this traffic control plan is to establish an all-way stop for the intersection of W. Aliana Trace Dr. and Fairbairn Way



Plan by: Engineering GIS
 Date:

Plan Approved by: Chris Debaillon, PE PTOE
 Date: CD 5/25/2022