



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.
County Engineer

January 4, 2019

Commissioner Ken R. DeMerchant
Fort Bend County Precinct 4
12919 Dairy Ashford Road, Ste. 200
Sugar Land, TX 77478

RE: Westmoor Drive at Abermore Lane in Aliana– All-Way Stop Control

Dear Commissioner DeMerchant:

The Fort Bend County Engineering Department has completed a review of the operational conditions at the intersection of Westmoor Drive at Abermore Lane in response to a request for all-way stop control. The intersection currently operates with stop control on Abermore Lane. Westmoor Drive 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 left turn 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 Madden Elementary School, there are heavy northbound right turn and southbound left turn movements on Westmoor Drive due to the school's preferred car line routing. Observations of the intersection showed that an all-way stop would reduce driver confusion in determining right-of-way.

Due to left turn 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,

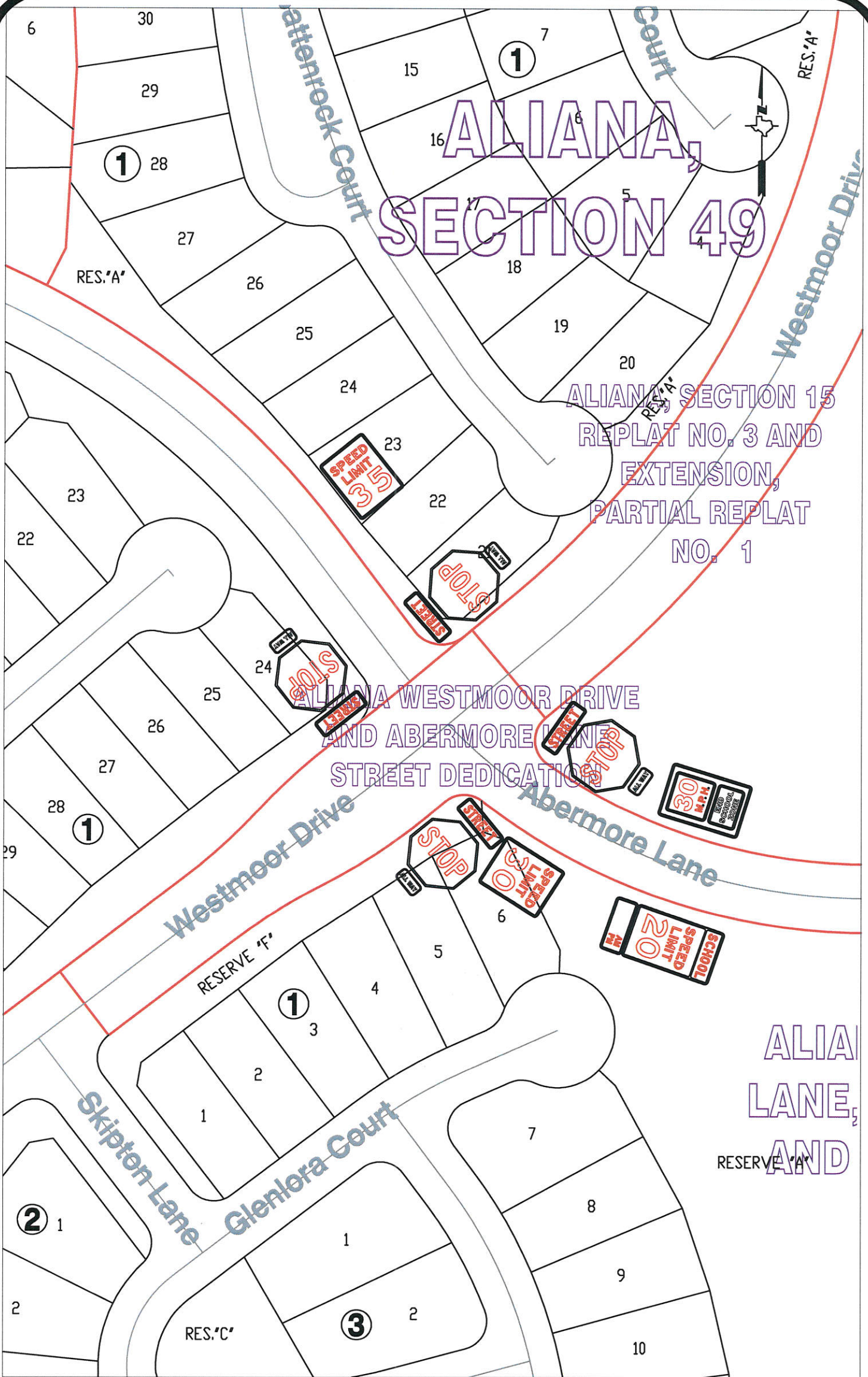
Chris Debaillon, PE, PTOE
Assistant County Engineer – Traffic

CD/mjs

cc: Judge KP George, County Judge
Marc Grant - FBC Road & Bridge
Brian Fields - Signage Department
File

Attachments

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



Note:
The purpose of this traffic control plan is to revise traffic control for the intersection of Westmoor Drive and Abermore Lane in the Aliana Subdivision with the addition of a Multi-way stop as indicated on the drawing.

Drawn By: L. Brdecka
Date: 1-4-19
Approved By: Chris Debaillon, PE PTOE
Date: CD 1/4/19
Scale: 1" = 100'-0"

**Westmoor Dr. at Abermore Ln.
(Aliana Subdivision)
Control Map and
Traffic Sign Layout**
Fort Bend County Engineering Dept.
301 Jackson Street
Richmond, Texas 77469