

March 30, 2026

J. Ross McCall, P.E.
County Engineer
Waller County Road & Bridge

Re: County Engineer's Letter of Recommendation for Variance Request for In-line Detention

Drainage Impact Analysis Entitled, "Sandhill Reserve (North) DIA"

Prepared by LJA Engineering, Inc. dated 03/25/2026

Waller Co. Review Number: 2025-1823 PD Job No.: 42397-01-012

Dear Mr. McCall:

Pape-Dawson Engineers has received and reviewed the above-referenced Drainage Impact Analysis (DIA) on behalf of Waller County. The submitted DIA pertains to a proposed residential development of approximately 190 acres and includes existing in-line detention basins. The DIA evaluated the full upstream contributing flows and established the existing functionality of the existing ponds, which provided the needed baseline conditions to ensure that the overall proposed system did not impact the existing flood storage capacity. Excavation of two of the basins is proposed. Based on our review, the County's variance request for in-line detention requirements have been satisfied. The DIA clearly states the accounting of the volumes and provides a detention rate of 0.62 ac-ft/ac, (excluding the existing volume in the inline ponds). Therefore, we recommend that the variance be granted.

The report has been signed, dated, and sealed by a Professional Engineer licensed in the State of Texas and, as such, remains the responsibility of the engineer of record.

Sincerely,

Waller County

Pape-Dawson – County Reviewer



J. Stephen Wilcox, P.E., CFM
Vice President – Hydrology & Hydraulics

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