

December 9th, 2025

710 Hester's Crossing Road, Suite 110
Round Rock, TX 78681

Charles Yamashiro
Project Engineer
Transportation
710 Hester's Crossing Road, Suite 110
Round Rock, TX 78681

Dear Mr. Ramirez:

This letter provides justification for reducing the overall construction work zone speed limit on Greenlawn Blvd, from IH-35 to Louis Henna Blvd, from the currently posted 45 mph to a temporary work zone speed limit of 35 mph.

Per TMUTCD Section 6C.01.12, "Reduced speed limits should be used only in the specific portion of the TTC (temporary traffic control) zone where conditions or restrictive features are present. However, frequent changes in the speed limit should be avoided. A TTC plan should be designed so that vehicles can travel through the TTC zone with a speed limit reduction of no more than 10 mph." This project includes crossover transitions that are designed with a reduced speed limit of 25 mph. Maintaining the existing 45 mph speed limit through the remainder of the construction work zone would create a 20-mph reduction at each crossover, which does not comply with TMUTCD guidance.

Implementing an overall work zone speed limit of 35 mph, with additional reductions only at the crossover locations, ensures compliance with TMUTCD requirements and provides a consistent speed pattern for drivers. In addition, lane widths during construction phases 2, 3, and 4 will be reduced to 10.5 feet, which is 1.5 feet narrower than the existing 12-foot lanes. A lower speed limit will help improve driver safety as vehicles navigate these narrow lanes within the active work zone.

This reduced speed limit is intended to remain in effect only for the duration of active construction.

Thank you,

Charles Yamashiro



12/9/2025