

TO: Maleshia McGinnis, City Attorney
FROM: Caroline Waggoner, P.E., City Engineer
SUBJECT: North Tarrant Parkway Speed Limit
DATE: June 18, 2018

North Tarrant Parkway is a primary east-west arterial roadway within the City of North Richland Hills which connects to McDonwell School Road in Colleyville at our eastern city limit and the continuation of North Tarrant Parkway in Keller at our western city limit line. The existing roadway within North Richland Hills is a six-lane divided arterial with a wide raised median and wide parkways on the north and south sides of the pavement. Although there is sufficient pavement to support a six-lane configuration within the City of Keller, that municipality opted to stripe the roadway to a four-lane configuration for approximately 0.5 miles through a heavily residential corridor. The City of Keller recently reduced the speed limit within this area from 40mph to 35mph following a speed study and multiple accidents near the intersection of North Tarrant Parkway and Lakeview Drive.

With the recent speed limit reduction in the City of Keller, there is now both a lane merge and 10mph speed differential at the Keller / North Richland Hills city limit line. In an effort to ease the transition for westbound traffic, I am recommending that the speed limit on North Tarrant Parkway be reduced from 45mph to 40mph at a point 800 feet east of the Keller City Limit line. This reduction will result in a lower required deceleration rate for westbound motorists to reach the posted 35mph in the City of Keller, as well as making the lane merge safer with slower speeds at the point the outside lane is terminated.



Caroline Waggoner
6-18-2018