



MEMORANDUM

PUBLIC WORKS DEPARTMENT

To: City Council

Through: Ben Williamson, City Manager

From: Ray Silva-Reyes, Director of Public Works

CC: Jawaria Tareen, Deputy City Manager

Date: March 7, 2025

Subject: Traffic Signal at the Intersection of Denton Drive and Valley View Lane

The traffic signal at Denton Drive and Valley View Lane intersection is currently experiencing multiple traffic impacts within the immediate area. The area south of Valley View Lane between the IH-35E service road and Denton Drive and Pike Street and Carrick Street that could move traffic (east and west) between the service road and Denton Drive. However, with the construction of the new Stars Multi-Sport Center, Carrick Street has been abandoned and incorporated into the parking lot for the newly built Sports Center. The second road, Pike Street, has not been abandoned, but the construction of the IH-35E expansion project has led to the temporary closure at the intersection of the service road and Pike Street until the service road work is complete.

Moreover, the ongoing construction of the IH-35E expansion has also complicated the traffic situation in this area. The intersection of the IH-35E service road and Valley View Lane is controlled by four temporary traffic signals that are less efficient than the permanent traffic signal configuration. The temporary traffic signal configuration only moves traffic one intersection leg at a time, with about 45 seconds of green time for each intersection leg. Furthermore, the lane configuration at each intersection on Valley View has been temporarily reduced to two lanes thus reducing traffic efficiency.

The DART train track is also east of the Valley View and Denton intersection. Those tracks are heavily used by DART, which also adds to the traffic backup at the

intersection. Heavy peak times, such as Saturdays when the sports center hosts various tournaments, directly impact signal timing, not to mention the accommodation of public safety vehicles responding to nearby emergencies. Also, the area northwest of Valley View and Denton has three restaurants, one offering pickleball inside its facility. All three restaurants are visited by guests here for the tournament or by local patrons looking for a place to eat on Saturday.

All these factors contribute to traffic signals on Valley View and Denton being overwhelmed on Saturdays. Public Works Staff has maximized the green light time on Denton Drive to move more traffic through the intersection, but it's limited by circumstances currently beyond Staff's control. Once the IH-35E expansion project is complete, the permanent traffic signals installed, and the operational use of the third westbound lanes back in service on Valley View Lane will help move traffic efficiently through the area again. According to TxDOT, the IH-35E expansion project is expected to be completed in the Winter of 2025.

Additionally, PW Staff has been working with the North Central Texas Council of Government (COG) to explore possibilities for roadway intersection enhancements for this intersection. Completing the IH-35E project, which is scheduled for the end of 2025, will be a good opportunity to partner with COG for a potential grant opportunity for roadway design and construction.