CITY OF ABILENE
555 Walnut St. Abilene, Texas 79601
www.abilenetx.com

News Release

"We work together to build and maintain a community of the highest quality for present and future generations."

New Software for Talking Traffic Intersections

ABILENE, Texas - The City of Abilene is using new software from Siemens, which will help with traffic and pedestrian congestion. The peer-to-peer capability allows traffic controllers to share information across the entire system.

Siemens has expanded its industry-leading portfolio of adaptive traffic control software by introducing SEPAC "Peer-to-Peer", new traffic software that allows controllers located at intersections to share information with one another on traffic and pedestrian conditions. This "connected" capability allows the on-street network of controllers to adaptively respond to changing traffic conditions in real-time. In the field, a controller can transmit information about a large number of vehicles to a controller at the next traffic signal. This allows extra green time for the group of cars to move through multiple intersections, making traffic more efficient for operators and the traveling public. Abilene, TX is one city using the "Peer-to-Peer" technology to increase traffic flow along a heavily traveled corridor.

"The City of Abilene has two state highways meeting at two intersections about 750 feet apart and has elevated railroads passing between them. This was a big problem when time clocks got out of step, making the traffic flow between the intersections very inefficient," said James Rogge, traffic engineer for the City of Abilene, TX. "Since the implementation of Siemens SEPAC 'Peer-to-Peer' functionality, the City has seen significant improvements in traffic flow through this once congested area in Abilene. Commuters have even called the City expressing their contentment with and realization of improvement to traffic flow."

"Siemens is continuing to lead the industry in adaptive traffic signal control systems, developing a broad variety of technologies to reduce travel time and delays and ultimately solve congestion in cities of all sizes," said Marcus Welz, CEO of Siemens Intelligent Traffic Systems. "The new Siemens traffic control software includes an innovative approach for on-street, adaptive solutions by leveraging peer-to-peer technology that will make intersections work even harder for drivers and help bring our traffic infrastructure into the 21st century."

The Peer-to-Peer feature gives operators a greater level of insight into traffic conditions and more accuracy in adapting traffic patterns to increase flow and ultimately reduce congestion. In addition, the SEPAC software can be installed in existing traffic controllers and does not require any additional equipment or IT infrastructure. For more information on Siemens intelligent traffic technologies, please visit http://w3.usa.siemens.com/mobility/us/en/pages/siemens-mobility.aspx.

This news release is posted online at http://www.abilenetx.com/news.