

AIRPORT ROAD ADAPTIVE SIGNAL CONTROL TECHNOLOGY SYSTEM, WARWICK, RI



The Louis Berger team led an innovative project to study, conceptualize, design and install Rhode Island's first adaptive signal control (ASC) technology as a pilot program on Airport Road in Warwick, RI to reduce delays, improve service and have a positive impact on traffic corridor safety. The web-based ASC system

incorporates and retains traffic data, sends it to a remote "brain" where the information is assessed and remembered for the future. Utilizing this data the traffic signals are adjusted in real time to safely and expeditiously move traffic through the corridor. The team took the ASC design from inception to installation in a mere 20-months, including overseeing two successful joint grant applications by RIAC and RIDOT, issuing an RFP, conducting vendor interviews, selecting a system, and procuring and installing completion.