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Phoenix, Arizona, September 10, 2018

Enterprise Electronics Corporation (EEC) Wins Contract to Deliver Weather Radar System for Dust Detection and Warning System in Arizona – First of its Kind in the Nation!

PHOENIZ, ARIZONA USA, SEPTEMBER 10, 2018 – In keeping with a long tradition of industry-firsts, EEC is yet again leading the way with a recent contract award to supply a Ranger®-X5 solid-state X-band Doppler weather radar system to the Arizona Department of Transportation (ADOT). The Ranger® radar will be part of a larger Dust Detection and Warning System, which will be installed in Eloy, AZ, along the Interstate-10 corridor between Phoenix and Tucson. According to a 5-year ADOT study, there have been 85 dust-related crashes in this corridor. The new System will include various visibility sensors, combined with EEC's trusted Ranger radar, to detect dust storms approaching the freeway corridor and alert ADOT operations personnel to take action. ADOT will use data from this System to alert drivers via multiple platforms, such as social media, smart-phone alerts, the ADOT app and interactive speed limit signs/message boards along the interstate.

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Aftermath of a Dust-Related Crash along the Phoenix-to-Tucson I-10 Corridor

"You'll see radar equipment along the side of these roads to identify visibility around the freeway much like weather radars. You'll see electronic message boards and closed-circuit cameras," notes Tom Herrmann, a spokesman for ADOT. "This (system) will give us advanced information. We will be able to let drivers know when there is a dust storm 5 miles ahead; maybe I should pull off at exit 219, wait and let it pass," Herrmann continued.

EEC's Ranger®-X5 Radar Undergoing Assembly and Testing at the EEC Factory in Enterprise, AL

Work began on this first-of-its-kind project back in late 2017. EEC was subsequently awarded a contract for the weather radar phase of the project last month. "We're excited to be part of yet another industry-first project," said Rich Stedronsky, EEC's Director of Strategic Business Development & Partnerships. "We worked very closely with ADOT and other project stakeholders to come up with the right solution to

address the problem. We've had great success with our Ranger® radars on the west coast in detecting smoke from wildfires, and we plan to use that same technology to detect dust storms in Arizona," Stedronsky added. "We hope it will serve as a model for future dust detection and warning systems across the nation."

More About the ADOT I-10 Dust Detection and Warning System Project

ADOT and the Federal Highway Administration (FHWA) worked together to develop the Dust Detection and Warning System Project. The System itself will be located between Sunshine Boulevard and Picacho Peak Road on I-10. The project is funded by a federal FASTLANE grant. Final Design was completed in 2017, and construction began in late 2017. The Dust Detection And Warning System is anticipated to be operational by mid-2019. This project is being constructed in conjunction with the I-10: State Route 87 to Town of Picacho Widening and Improvement Project. More information about this project can be found at the links below:

- https://www.azdot.gov/projects/southcentral-district-projects/i-10-safety-improvements-sunshine-boulevard-to-picacho-peak-road-dust-detection-and-warning-system/overview
- https://www.azdot.gov/docs/default-source/projects/i-10-dust-detection-fact-sheet.pdf?sfvrsn=4
- http://www.tucsonnewsnow.com/story/37011272/adot-begins-widening-project-along-i-10-in-picacho
- https://www.abc15.com/news/region-central-southern-az/casa-grande/dust-detection-technology-being-installed-in-arizona
- https://www.youtube.com/watch?v=5eRZlUTGbSo

About EEC

EEC is recognized as the world leader in the meteorological radar field since its inception in 1971, with more than 1,100 radar systems manufactured and delivered in the United States and over 100 countries worldwide. Celebrating our 47th year in operation, EEC has consistently led the industry worldwide in the introduction of the latest available technology to enhance radar and data processing performance. A strong focus on innovation and technology infusion into the product line continues to be a driving factor in EEC's leadership in the weather radar and satellite ground station market. EEC's products and capabilities can be viewed at www.eecweathertech.com. Be sure to follow EEC on social media at the following links: Facebook: https://www.facebook.com/EECRadar, LinkedIn: https://www.linkedin.com/company/enterprise-electronics-corporation/, and Twitter: https://twitter.com/eecweathertech.