The ASPIRE NSF Engineering Research Center (ERC) at Utah State University (USU) has an immediate opening for a full time Lead Engineer to lead our pre-pilot and pilot demonstration activities in static and dynamic wireless charging and smart charge management for electric vehicles. The successful candidate will lead a small strategic team of in-house engineers (electrical, mechanical, civil, and computer engineering/science) to support demonstration and deployment of the first electric roads in the US over the next 3 to 5 years.

This tech transfer engineering team will have the backing of more than 100 faculty and student researchers from across the ASPIRE Research Center and will work closely with industry partners such as ElectReon, IPT Technology | Wireless power drives mobility, WAVE, MAGMENT Dynamic Wireless Charging, and WiTricity to evaluate university and industry technologies through pre-pilots at ASPIRE’s Electric Vehicle and Roadway (EVR) facility at USU (and facilities at ASPIRE campuses such as Purdue University College of Engineering and Engineering at the University of Auckland) and to support industry partners in deploying the technologies in public roads through pilots. The ASPIRE Research Center has received commitments for more than $30 million in state and roadway owner funding for electric road pilots in Utah, Florida, and Indiana, with additional funding expected through federal infrastructure funds and additional pilots.

Please go to Lead Engineer Wireless Charging for more details and application.

For more information on funded pilots, see:

INDOT, Purdue to Develop Wireless Electric Vehicle Charging Solution for Highway Infrastructure

Will Utah become ‘epicenter’ of research to electrify transportation?