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# Coastal Environmental Systems

Award of contract from the New Jersey Turnpike Authority

## Road Weather Information Systems, for road weather reporting and monitoring.

**Seattle, WA:** The New Jersey Turnpike Authority (NJTA) has contracted Coastal Environmental Systems to build a network of Road Weather Information Systems (RWIS) for use in their battle against snow, ice and fog. The data will be transmitted using Cellular Digital Packet Data (CDPD) making it one of the first installations to use this type of data transfer instead of the older analog cellular network.

Freezing temperatures, wet roadways and fog are always a hazard for drivers and can occur unexpectedly on the turnpike. To improve routine monitoring of road conditions for public safety, this RWIS network will measure the pavement and atmospheric conditions including the presence of fog. Using Coastal Environmental Systems' INTERCEPT™ and ROADWEB™ software, the DOT will access the real-time data on a private web site. A joint team from Coastal Environmental Systems and the prime contractor KEVCO will install the system.

Mr. Rob Fox, Product Manager of RWIS at Coastal Environmental Systems said, "The Turnpike Authority is being very aggressive in their efforts to provide better service for their users. This is a very cutting edge system that will provide them up to the minute data. For our part, Coastal Environmental Systems will provide to NJTA the best 'OPEN ARCHITECTURE' RWIS system to provide such road condition reports."

Thirty-three Road Weather Information Systems will measure pavement conditions (indicating ice, frost, dew, dry, wet, snow, slush, chemical wet) and subsurface temperature 24 hours a day. Select stations will also measure winds, air temperature and humidity, precipitation, fog and present weather. Coastal Environmental Systems is the world's leading manufacturer of environmental monitoring systems. Visit them on the web at [www.coastalenvironmental.com](http://www.coastalenvironmental.com) and link to their "Road Weather" page.

**For Immediate Release**

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