



MEMO

January 11, 2021

To: District Engineers

From: Michael A. Chacon, P.E.
Director, Traffic Safety Division

Subject: Roadside Equipment (RSE) Standard Sheets

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TxDOT continues to be a leader in technical innovation and application of technology for the safer and more efficient movement of people and goods. One such initiative is the application of Connected Vehicle (CV) technology. TxDOT is actively participating in CV research, demonstration, and pilot deployment programs.

In an effort to provide needed guidance to all Districts and design engineers applying CV technology, the Traffic Safety Division (TRF) has prepared the following standard sheets related to the installation of roadside equipment (RSE) to support CV deployments in the state.

- RSE(1)-21 Roadside Equipment System Architecture (Access Controlled)
- RSE(2)-21 Roadside Equipment System Architecture (Non-Access Controlled)
- RSE(3)-21 Roadside Equipment ITS Pole Installations (Access Controlled)
- RSE(4)-21 Roadside Equipment ITS OSB-COSS-MS Installation (Access Controlled)
- RSE(5)-21 Roadside Equipment Traffic Signal Pole & Mast Arm Installations (Non-Access Controlled)

The standard sheets may be used immediately and shall be used for all applicable PS&E sets beginning with the July 2021 letting. The new standard sheets are available in Microstation and PDF formats at the following address:

<http://www.txdot.gov/insdtdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions, please contact me at (512) 416-3200 or Jianming Ma at (512) 506-5106.

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