



STEC

Safety is our way of life

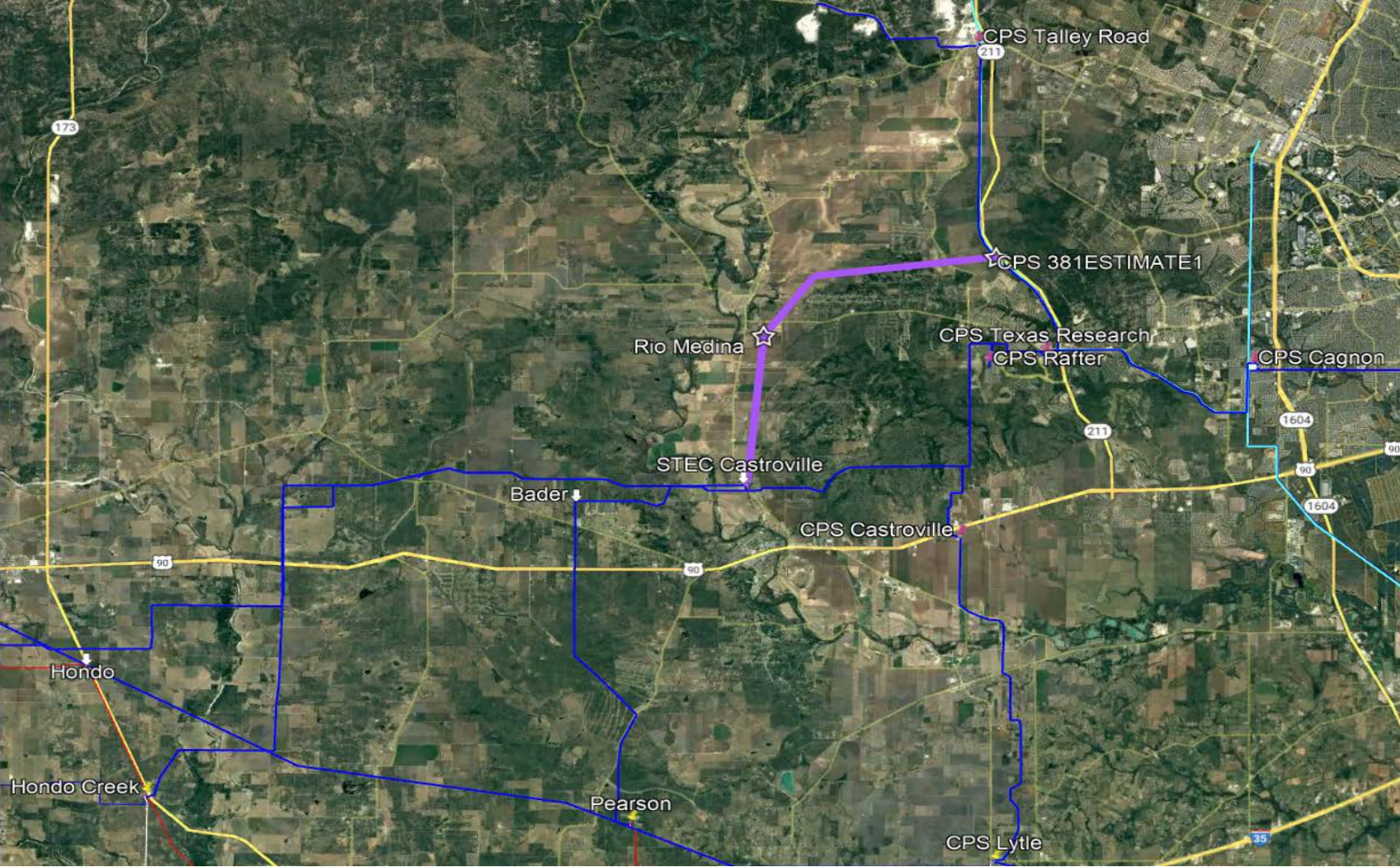
Overview of STEC Rio Medina Project



Project Overview

- The proposed project focuses on serving the Rio Medina data center load but also accommodates service to an additional data center that is currently under evaluation.
- The proposal includes constructing approximately 13 miles of new double-circuit capable 138 kV transmission line with two conductor bundled 795 ACSR. This transmission line will connect STEC's Castroville substation to a new station called the Rio Medina, which will serve a 129 MW load. Additionally, a 138 kV line will be built from the new Rio Medina to connect with CPS Energy's transmission system.
- An additional terminal will be added to STEC's Castroville substation, establishing a connection from STEC's Castroville to a new Rio Medina substation.
- The project also includes the construction of a new switching station owned by CPS Energy.
- This is a Tier 2 project.
- The estimated cost of the proposed transmission improvements is \$38 million.
- The project will require a CCN application.
- The estimated completion of the project is January 2027.

Proposed Project Location



Alternatives

Three alternatives for providing transmission service to the Rio Medina load were considered with the third alternative being the proposed project.

1. Construct a 138 kV, 474 MVA transmission line from the STEC Castroville substation to the new Rio Medina substation then on to the existing CPS Texas Research substation.
2. Construct a 138 kV, 474 MVA transmission line from the STEC Castroville substation to the new Rio Medina substation then on to the existing CPS Talley Road substation.
3. Proposed Project: Construct a 138 kV 474 MVA transmission line from the STEC Castroville to the new Rio Medina station then on to a new station connected to the CPS line between the Texas Research and Tally Road substations.

Questions?

Thank You!