

SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS PROJECT



AEP Texas plans to upgrade about 12 miles of electric transmission line in South Padre Island and Port Isabel. The approximate \$51 million investment strengthens the local power grid and helps ensure reliable electric service for the Texas Gulf Coast community.

WHAT

The project involves rebuilding about 12 miles of 138-kilovolt transmission line.

Crews will complete the work in three phases:

- **Phase 1:** Upgrade the line between the Port Isabel and Causeway substations in Port Isabel.
- **Phase 2:** Upgrade the line between the South Padre Island and Sunchase substations in South Padre Island.
- **Phase 3:** Upgrade the line between the Causeway and Sunchase substations near the Queen Isabella Causeway.

WHY

Project Benefits:

- Increase electric reliability in the area
- Provide better resilience against Gulf Coast weather
- Replaces aging wooden poles with sturdier steel poles capable of withstanding 140 mph winds
- Support economic growth

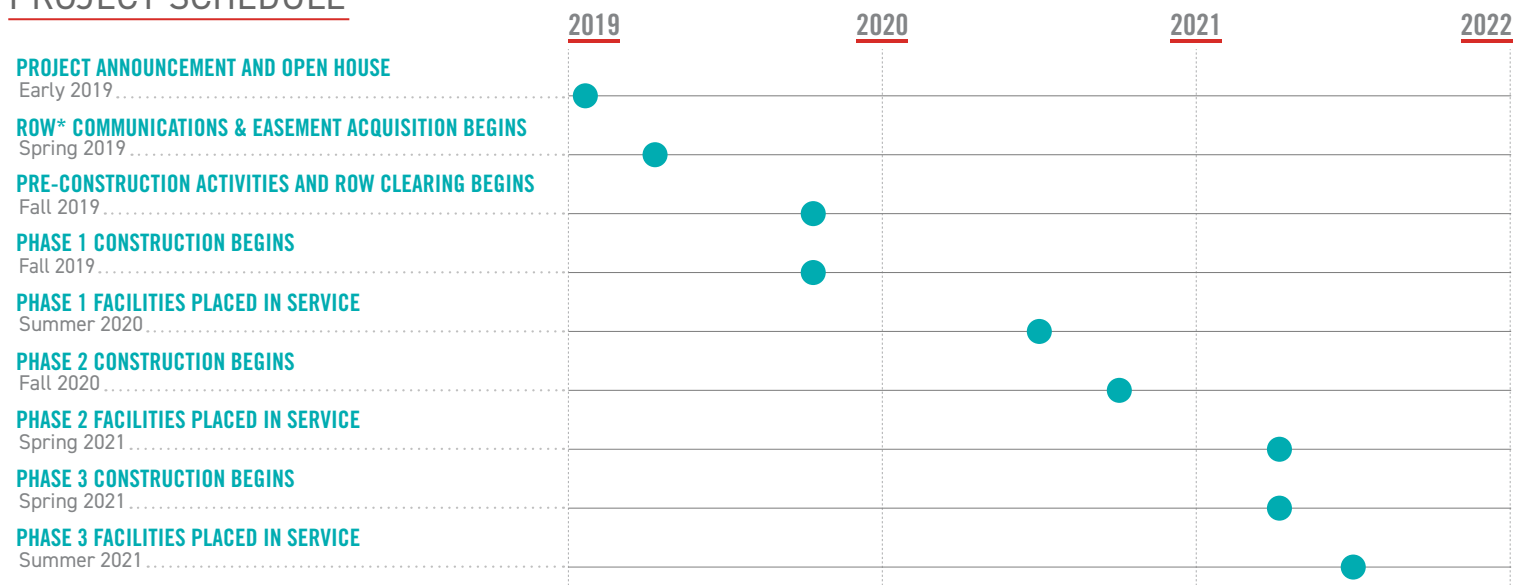
WHERE/WHEN

Phase 1: Work began to upgrade the line between Port Isabel Substation and Causeway Substation Fall 2019 and concludes Summer 2020.

Phase 2: Crews plan to construct along Padre Boulevard between South Padre Island Substation and Sunchase Substation starting in Fall 2020 and concluding by Spring 2021.

Phase 3: Work to upgrade the power line across the Laguna Madre begins Spring 2021 and finishes Summer 2021.

PROJECT SCHEDULE

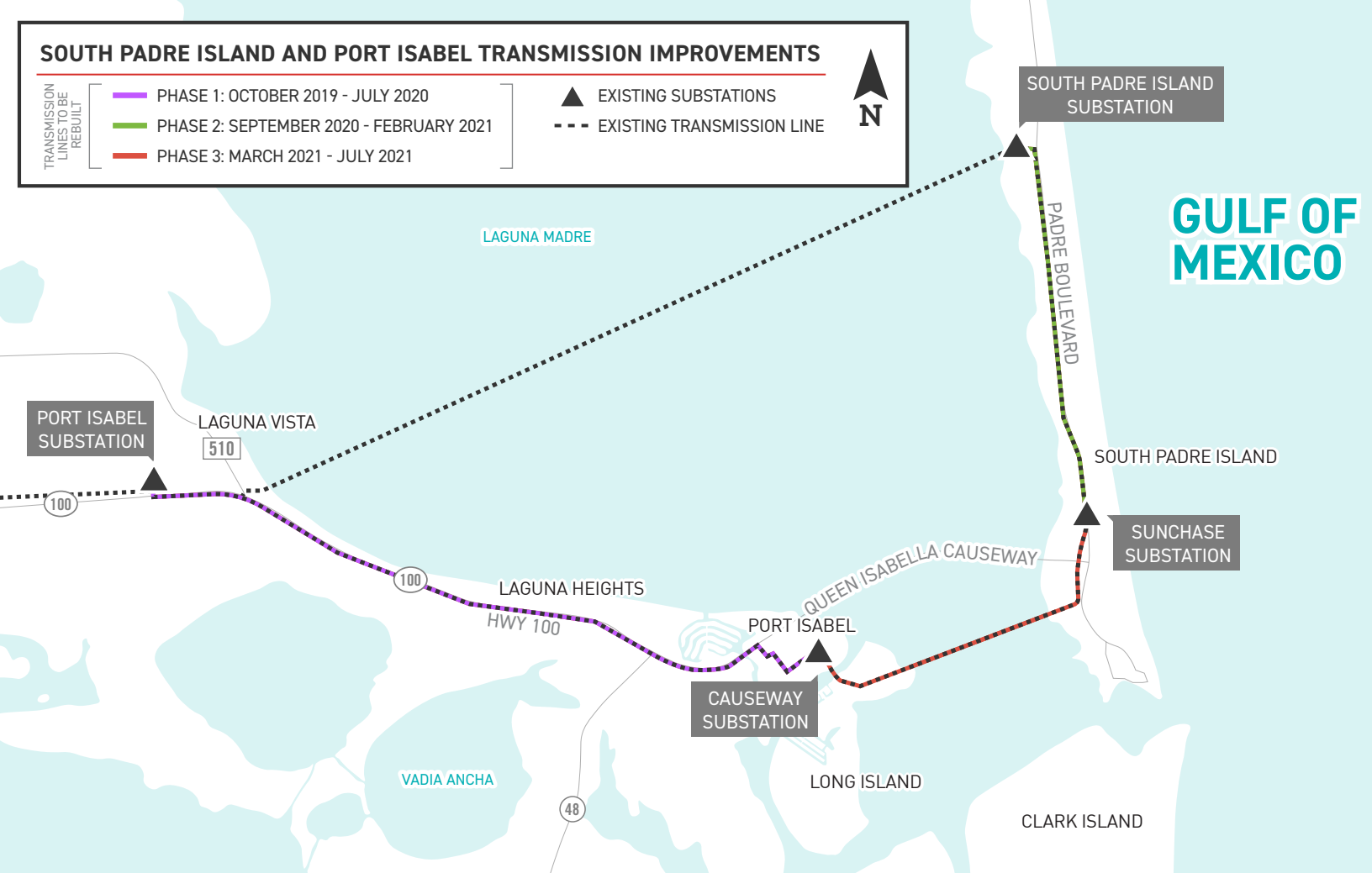


*ROW: Right-of-Way

Note: Timeline subject to change

SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS

- TRANSMISSION LINES TO BE REBUILT
- PHASE 1: OCTOBER 2019 - JULY 2020
 - PHASE 2: SEPTEMBER 2020 - FEBRUARY 2021
 - PHASE 3: MARCH 2021 - JULY 2021
- ▲ EXISTING SUBSTATIONS
--- EXISTING TRANSMISSION LINE



TYPICAL STRUCTURES

Phase 1 & 2 Information:

Typical Structure Height: 80 feet*

Typical Distance Between Structures: 280 feet*

Phase 3 Information:

Typical Structure Height: 110 feet*

Typical Distance Between Structures: 700 feet*

*Exact structure, height and right-of-way requirements may vary



PHASE 1 & 2



PHASE 3

WE VALUE YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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