

WELCOME TO OUR OPEN HOUSE



We're not just here to explain the project. We're here to listen and answer your questions. AEP Texas needs your involvement to make the most informed decisions possible.

HERE'S HOW IT WORKS:

- 1 Sign in at the registration table
- 2 Record your questions and feedback on a comment card
- 3 Visit each station for information:

PROJECT PURPOSE:

Explain project need and benefits.

SITING AND ENVIRONMENTAL:

Discuss how our team strikes a balance between siting transmission lines while also protecting the environment.

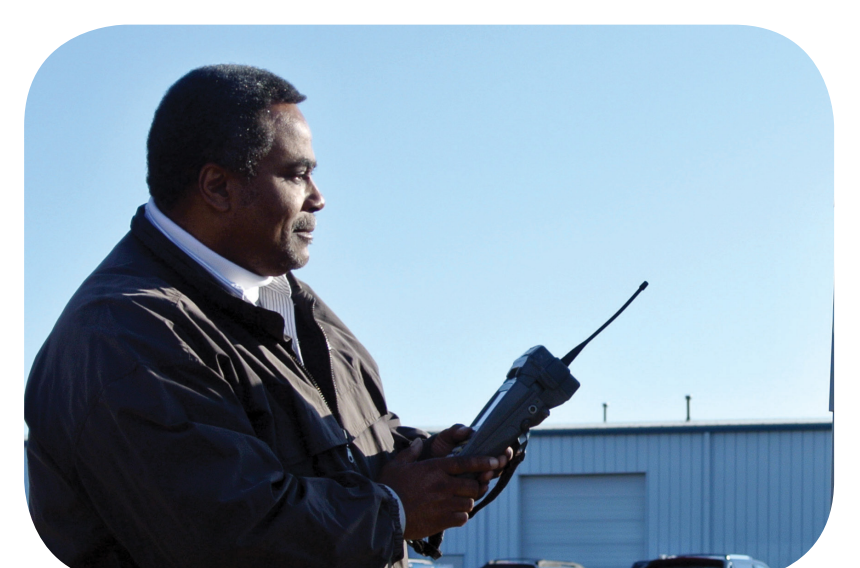
RIGHT-OF-WAY:

Review land parcels and share information about properties and project goals.

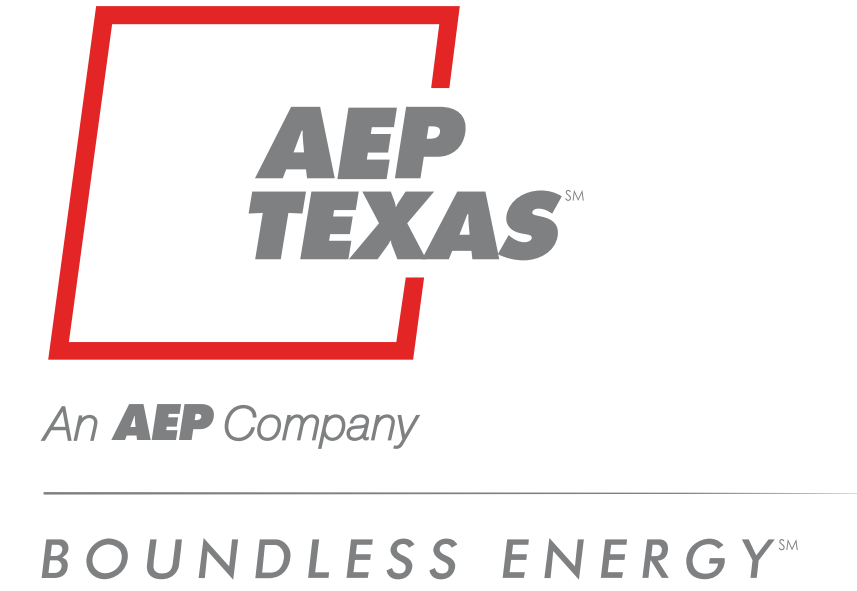
ENGINEERING:

Explain typical construction steps and the types of structures under consideration.

- 4 Return comment cards to the registration table



SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS PROJECT



[PROJECT NEED AND BENEFITS]

WHY IS THE PROJECT IMPORTANT TO OUR COMMUNITY?

IMPROVED RELIABILITY

Upgrading the region's electric transmission grid is necessary to ensure safety and reliability for residential, commercial and industrial power consumers. The project also supports the area's booming tourism sector.

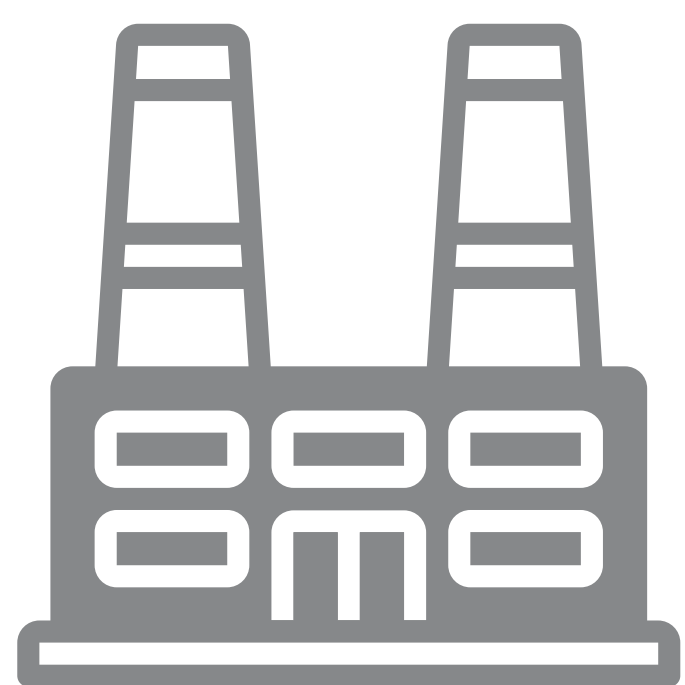
CUSTOMER BENEFITS

Strong adverse weather along the Texas Gulf Coast can pose problems to the electric transmission system. AEP Texas' upgrade program strengthens the system, reducing the likelihood and duration of power outages.

MEETING FUTURE NEEDS

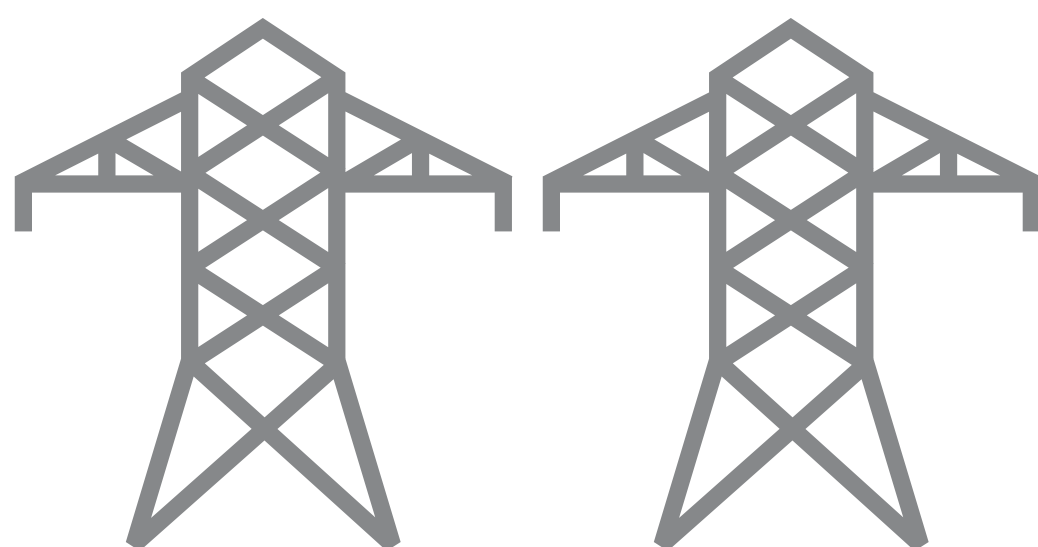
The system needs to be upgraded in order to meet the future demand of the area's projected economic development and population growth. At AEP Texas we are committed to serving customers in the South Padre Island and Port Isabel area by investing in a reliable, resilient grid to attract new businesses while better serving existing customers.

HOW THE SYSTEM WORKS



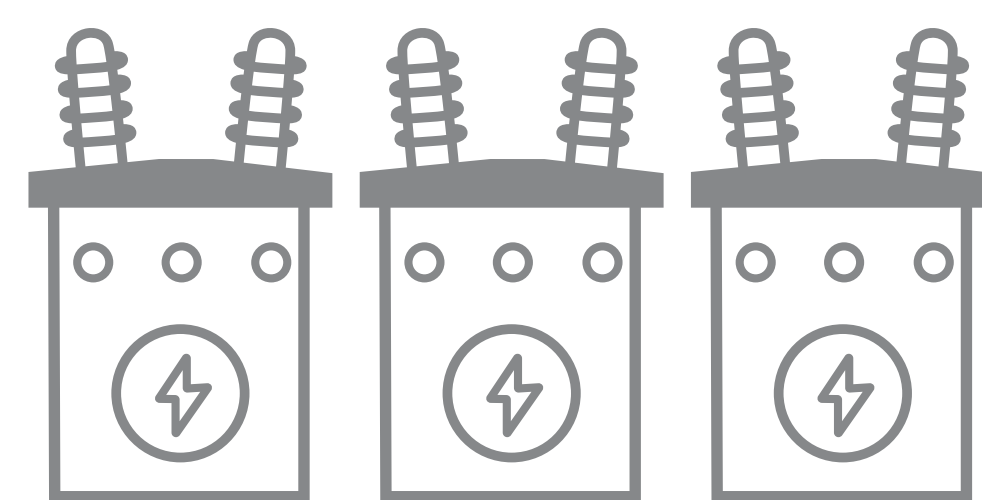
1) GENERATION STATIONS

AEP Texas produces electricity at coal, natural gas, nuclear, wind and hydro-electric power stations and then transports it long distances over transmission lines.



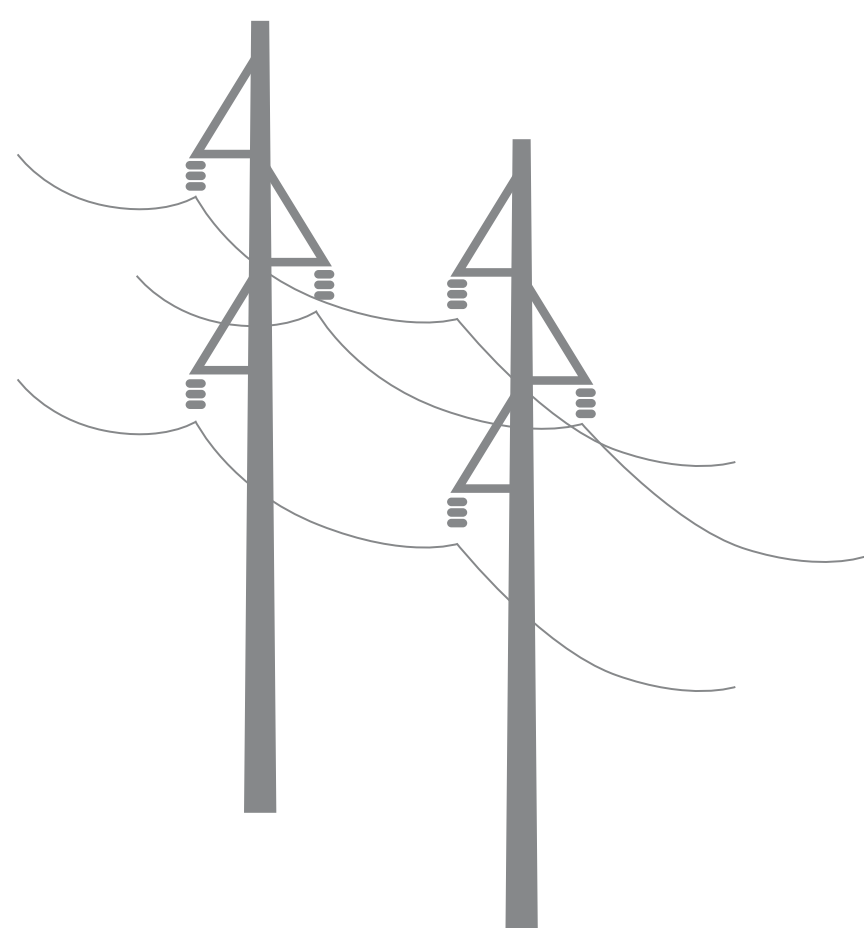
2) EHV TRANSMISSION

Extra High Voltage (EHV) electric transmission lines are generally 345-kilovolt (kV) on AEP Texas' system.



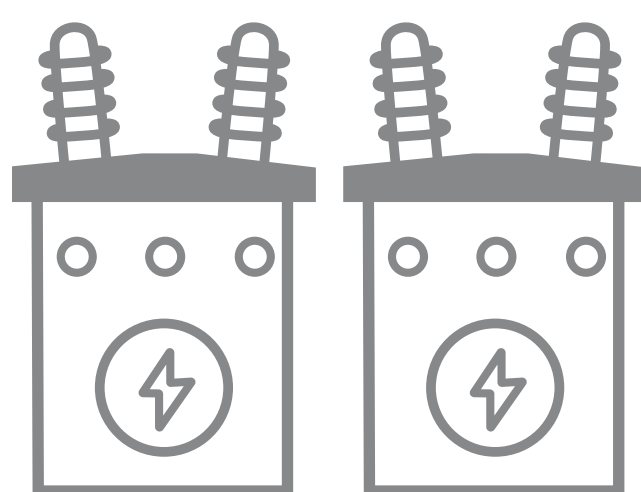
3) SUBSTATIONS

Substations direct the flow of electricity and either decrease or increase voltage levels for transport.



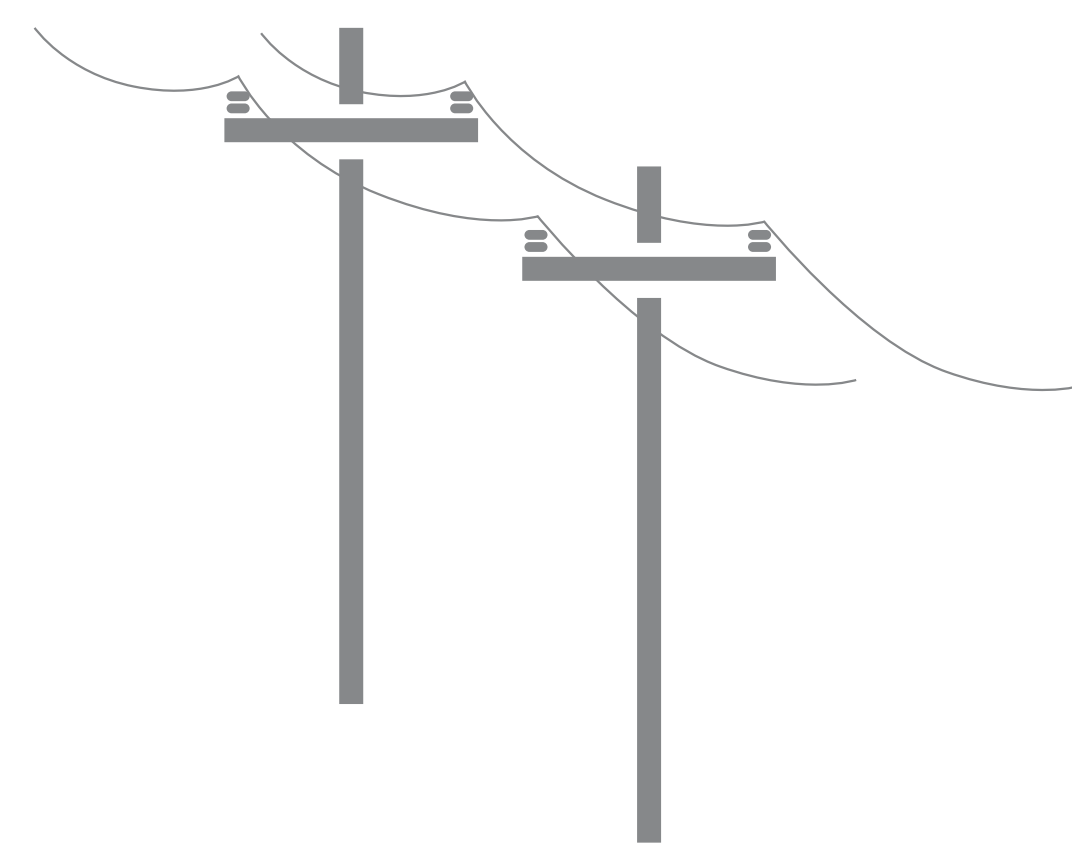
4) LOCAL TRANSMISSION

AEP Texas typically uses 69-kV and 138-kV transmission lines to move power shorter distances. For example, to different parts of a city or county.



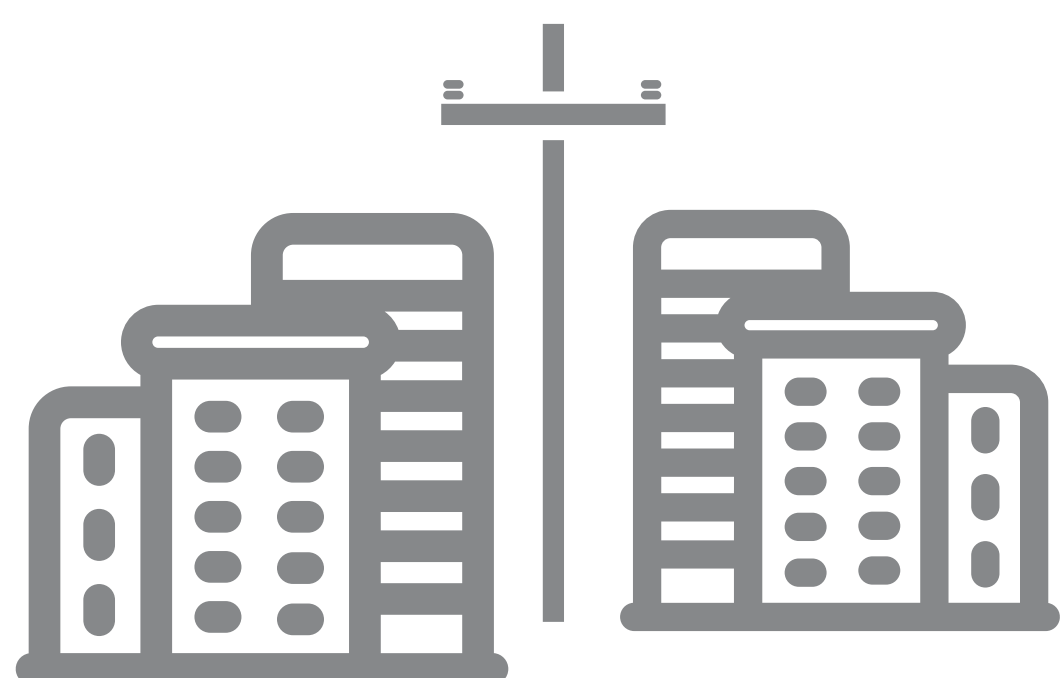
5) SUBSTATION

Substations transform 69-kV and 138-kV electricity into lower distribution level voltages such as 34.5-kV, 12-kV, or 7.2-kV.



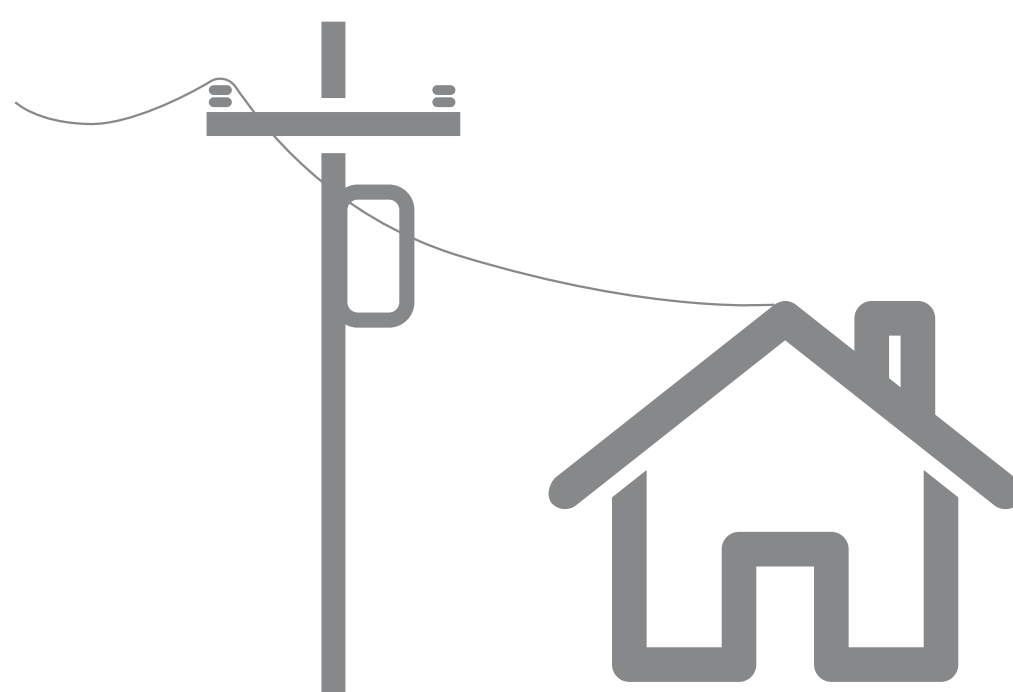
6) PRIMARY DISTRIBUTION

These main lines (also called circuits) connect substations to large parts of the community.



7) LATERAL DISTRIBUTION

These smaller capacity lines deliver electricity to neighborhoods and other smaller groups of customers.



8) INDIVIDUAL SERVICE

Smaller transformers step down voltage to levels customers can use. 120/240 volts is typical for an individual residence.

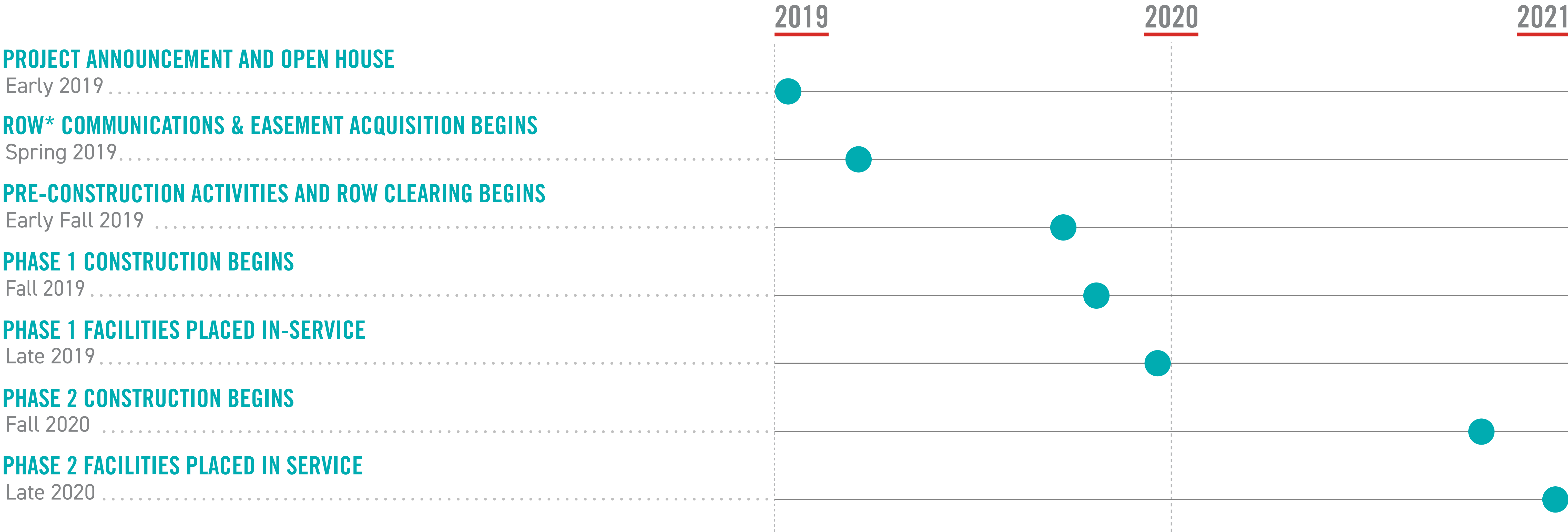
TO USE AN ANALOGY, ELECTRIC TRANSMISSION IS SIMILAR TO OUR NATIONAL ROAD SYSTEM. THREE KINDS OF POWER LINES EXIST BETWEEN POWER PLANTS AND HOMES AND BUSINESSES:

- Extra High Voltage lines (EHV) are like electrical interstate highways.
- High voltage local transmission lines are like four-lane roads.
- Distribution lines are like two-lane roads that eventually connect to your driveway.

SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS PROJECT

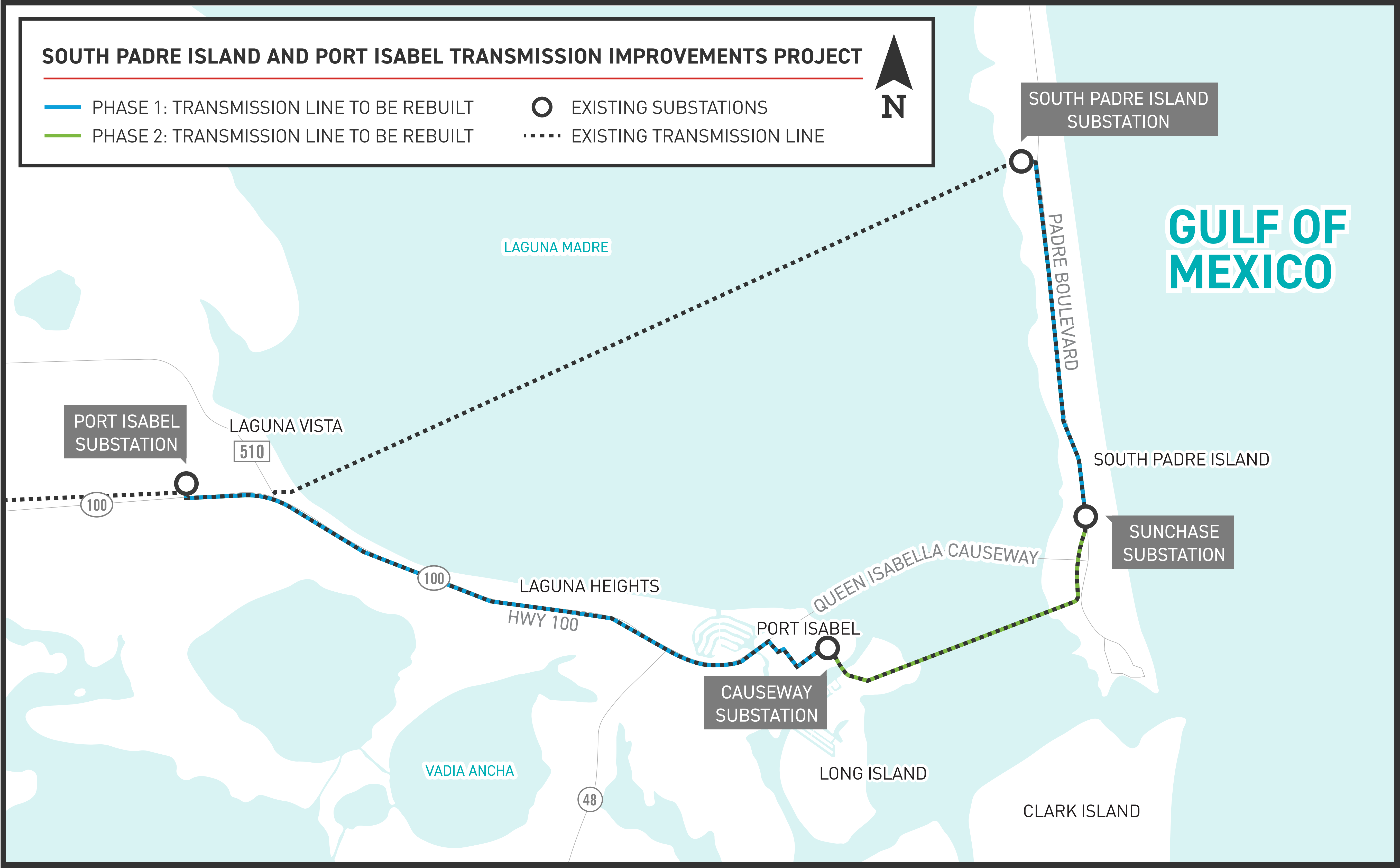


[PROJECT SCHEDULE]



*Timeline subject to change
*ROW: Right-of-Way

SOUTH PADRE ISLAND AND PORT ISABEL TRANSMISSION IMPROVEMENTS PROJECT



TYPICAL STRUCTURES



An **AEP** Company

BOUNDLESS ENERGY™



PHASE 1 INFORMATION

Typical Structure Height: 80 feet

Typical Right-of-Way: 100 feet

Distance Between Structures: 280 feet



PHASE 2 INFORMATION

Typical Structure Height: 110 feet

Typical Right-of-Way: 100 feet

Distance between Structures: 700 feet

RIGHT-OF-WAY ACTIVITIES



AEP TEXAS HAS TWO KEY PHILOSOPHIES THAT PERTAIN TO POWER LINE RIGHTS-OF-WAY:

1 Rebuilding transmission lines should cause the least possible disturbance to people and the environment, and

2 Property owners should be fairly compensated for any land rights that must be acquired.

AEP Texas studies the project area to determine the areas most affected and reach out to the landowners in the following ways:

TO SECURE NECESSARY RIGHT-OF-WAY AND COMMUNICATE:

- Width of the right-of-way
- Terms and conditions of easement
- Landowner compensation

TO OUTLINE AEP TEXAS' CONSTRUCTION PROCESS WITH A SPECIFIC FOCUS ON:

- Property restoration
- Damage mitigation as appropriate
- Safe construction of the transmission line

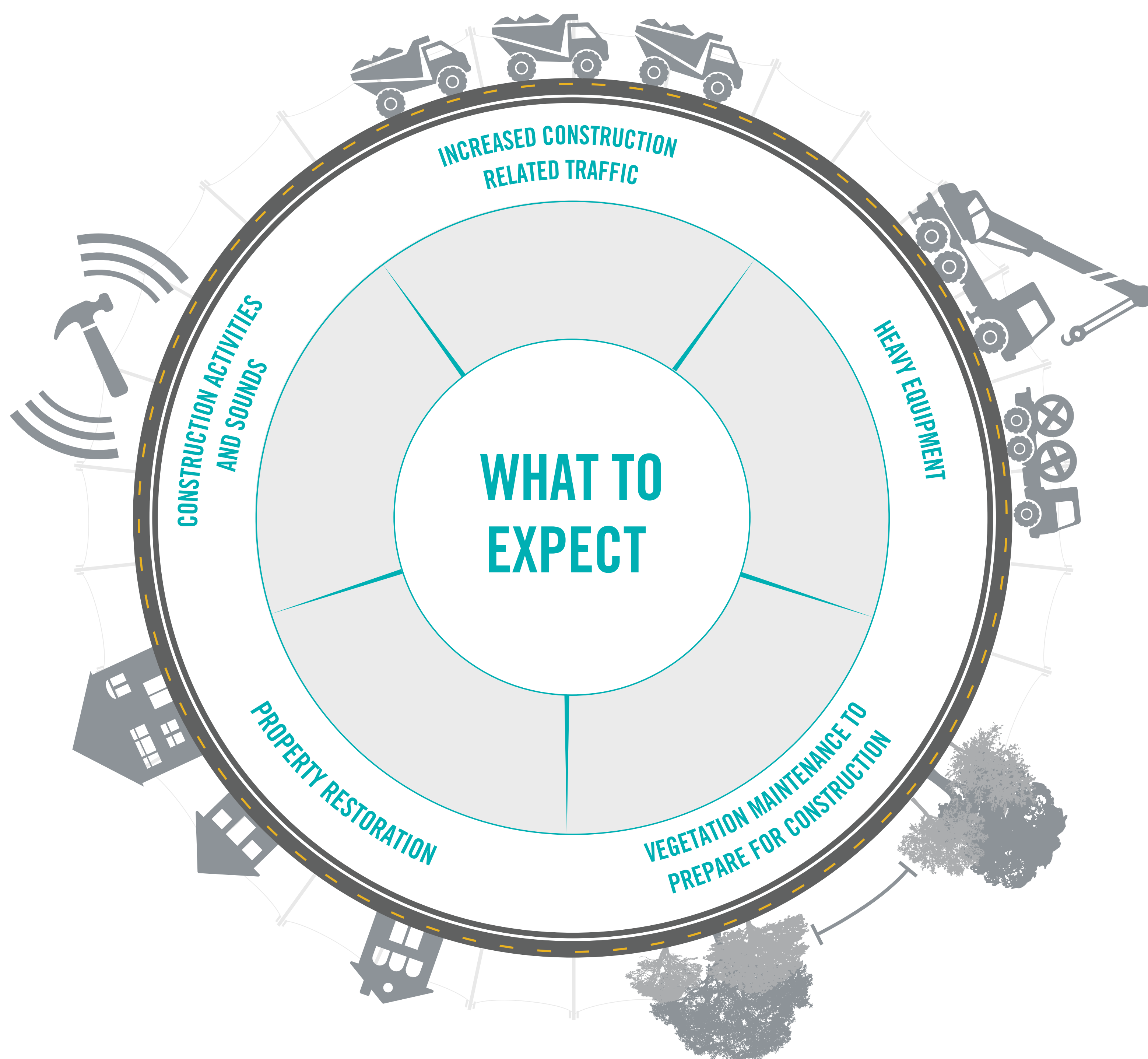
CONSTRUCTION PROCESS



An AEP Company

BOUNDLESS ENERGY™

At AEP Texas, we understand the work related to transmission grid improvements can sometimes be an inconvenience. That's why we make every effort during the construction process to respect the environment and our neighbors, while working safely to ensure reliable electric service.



At AEP Texas, we plan to work with individual property owners and tenants throughout the construction process. Team members will provide details of upcoming work and listen to customer feedback on how we can lessen the impact of our work. In the event damage occurs, we will work to restore property as close to its original state as possible.

TELL US WHAT YOU THINK



Return your comment card here. Your insights and ideas will help our team lessen the impacts on your neighborhood during the construction of this transmission line.

THANK YOU

Thank you for attending the Open House. At AEP Texas we're proud to provide reliable electricity to your home and business and are committed to being a good neighbor. We understand that while improvement projects are critical to the reliability and safety of the local electric system, they can sometimes be inconvenient for you. We will work hard to address your concerns and offer reasonable solutions, working in a way that respects our neighbors and the environment.

