AGENCIES CONTACTED

- Federal Aviation Administration
- Federal Emergency Management Agency
- National Park Service
- Natural Resources Conservation Service
- U.S. Army Corps of Engineers
- U.S. Environmental Protection Agency
- U.S. Fish & Wildlife Service

- Railroad Commission of Texas
- Texas Commission on Environmental Quality
- Texas Department of Transportation
- Texas General Land Office
- Texas Historical Commission
- Texas Parks & Wildlife Department
- Texas Water Development Board

- City Officials
- County Farm Bureaus
- County Officials
- Lighthouse Electric Cooperative, Inc.
- School Districts
- South Plains Association of Governments
- South Plains Electric Cooperative

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Sharyland Utilities

ENVIRONMENTAL AND LAND USE CRITERIA FOR TRANSMISSION LINE EVALUATION

LAND USE

- Length of alternative route
- Number of habitable structures[1] within 500 feet of the right-of-way (ROW) centerline
- Number of newly affected habitable structures[2] within 500 feet of ROW centerline
- Length of ROW using existing transmission line ROW
- Length of ROW parallel to existing transmission line ROW
- Length of ROW parallel to other existing ROW (highways, pipelines, railways, etc.)
- Length of ROW parallel to apparent property lines[3]
- Length of ROW through parks/recreational areas[4]
- Number of additional parks/recreational areas[4] within 1,000 feet of the ROW centerline
- Length of ROW through cropland
- Length of ROW through pasture/rangeland
- Length of ROW through land irrigated by traveling systems (rolling or pivot type)
- Number of pipeline crossings
- Number of transmission line crossings
- Number of U.S. and State highway crossings
- Number of farm-to-market road crossings
- Number of cemeteries within 1,000 feet of the ROW centerline
- Number of FAA registered airports with at least one runway more than 3,200 feet in length located within 20,000 feet of the ROW centerline
- Number of FAA registered airports having no runway more than 3,200 feet in length located within 10,000 feet of the ROW centerline
- Number of private airstrips within 10,000 feet of the ROW centerline
- Number of heliports within 5,000 feet of the ROW centerline
- Number of commercial AM radio transmitters within 10,000 feet of the ROW centerline
- Number of FM radio transmitters, microwave towers, and other electronic installations within 2,000 feet of the ROW centerline

AESTHETICS

- Estimated length of ROW within foreground visual zone[5] of U.S. and State highways
- Estimated length of ROW within foreground visual zone[5] of farm-to-market roads
- Estimated length of ROW within foreground visual zone[5] of park/recreational areas[4]

ECOLOGY

- Length of ROW through upland woodlands
- Length of ROW through bottomland/riparian woodlands
- Length of ROW across potential wetlands[6]
- Length of ROW across known habitat of federally listed endangered or threatened species
- Length of ROW across open water (lakes, ponds)
- Number of stream crossings
- Number of river crossings
- Length of ROW parallel (within 100 feet) to streams or rivers
- Length of ROW across 100-year floodplains[7]

CULTURAL RESOURCES

- Number of recorded cultural resource sites crossed by ROW
- Number of additional recorded cultural resource sites within 1,000 feet of ROW centerline
- Number of National Register listed sites crossed by ROW
- Number of additional National Register listed sites within 1,000 feet of ROW centerline
- Length of ROW through areas of high archaeological site potential

[1] Single-family and multi-family dwellings, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 500 feet of the centerline of a transmission project of 230kV or greater.

[2] Newly affected habitable structures are habitable structures within 500 feet of an alternative route that is currently not affected by an existing transmission line.

[3] Property lines created by existing roads, highway, or railroad ROW are not "double-counted" in the length of ROW parallel to property lines criteria.

[4] Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church located within 1,000 feet of the centerline of the project.

[5] One-half mile, unobstructed.

[6] According to the USFWS National Wetlands Inventory mapping.

[7] According to FEMA floodplain mapping.

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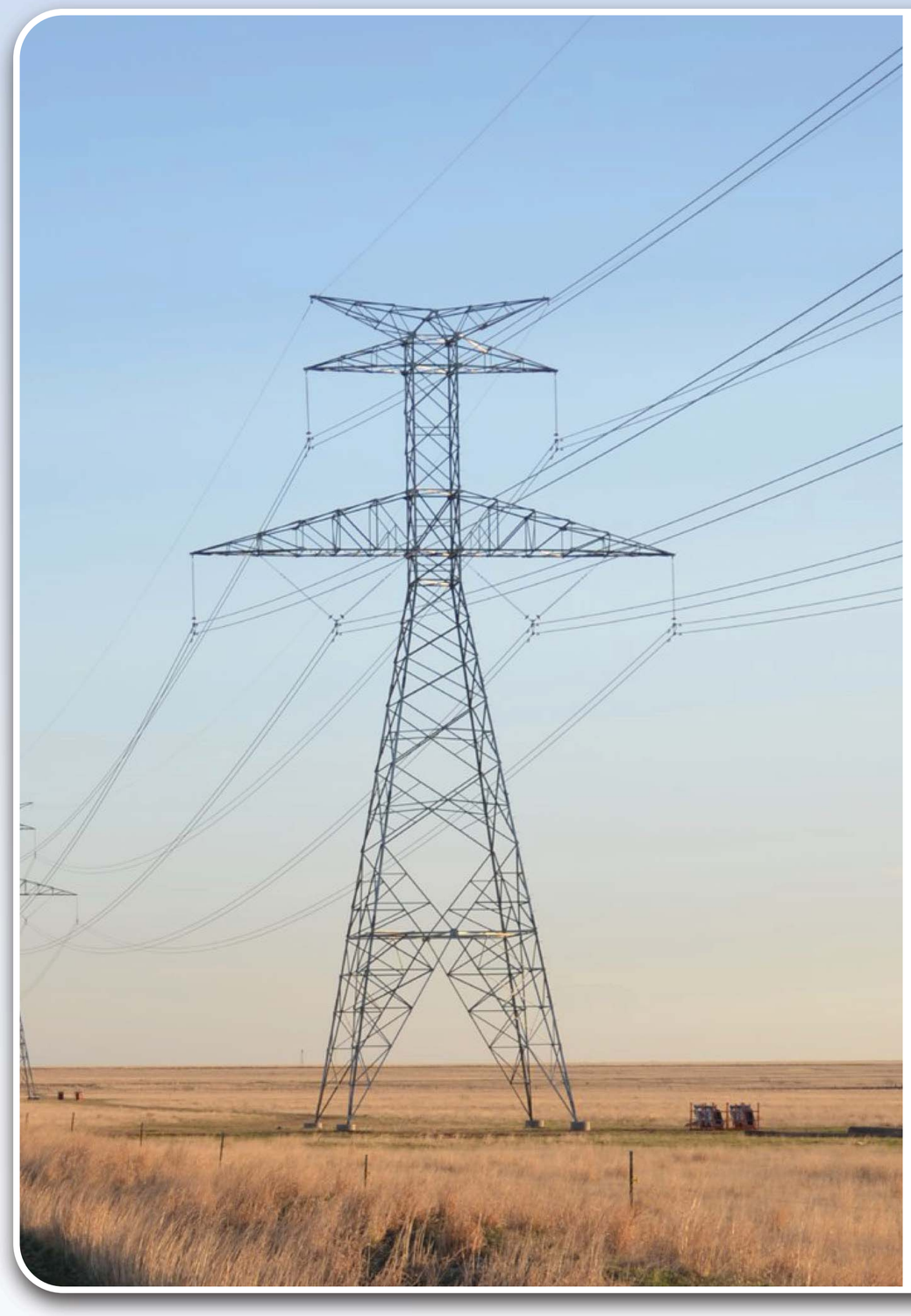
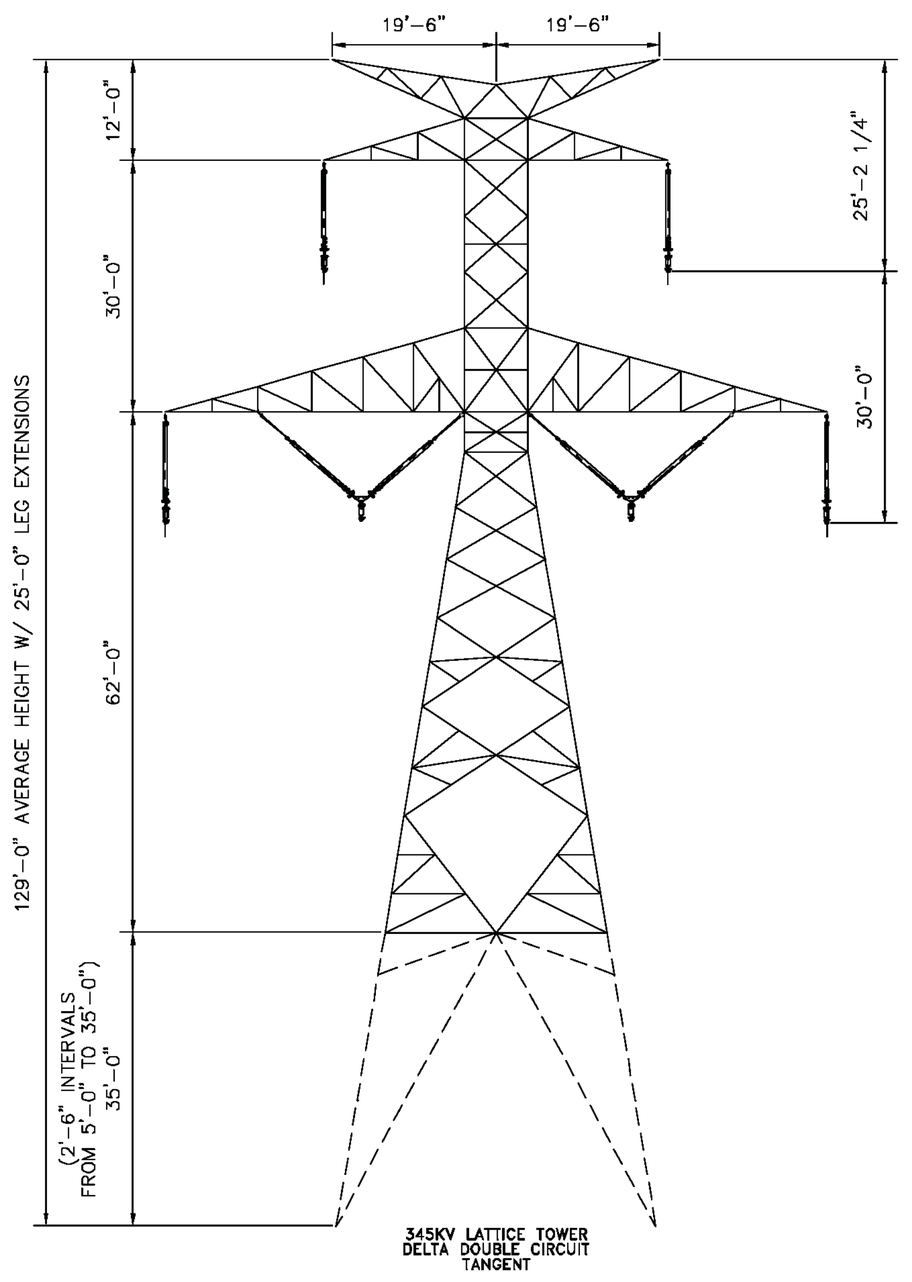
PROPOSED TRANSMISSION LINE
345kV LATTICE TOWER





- Single circuit built on double circuit capable structures
- Average of 129’ tall
- Approximately 40’ x 40’ at base
- Foundations - Drilled pier concrete
- Steel - Galvanized Angle
- Conductor - Double bundle 1929 kcmil ACSR/TW “Cumberland”

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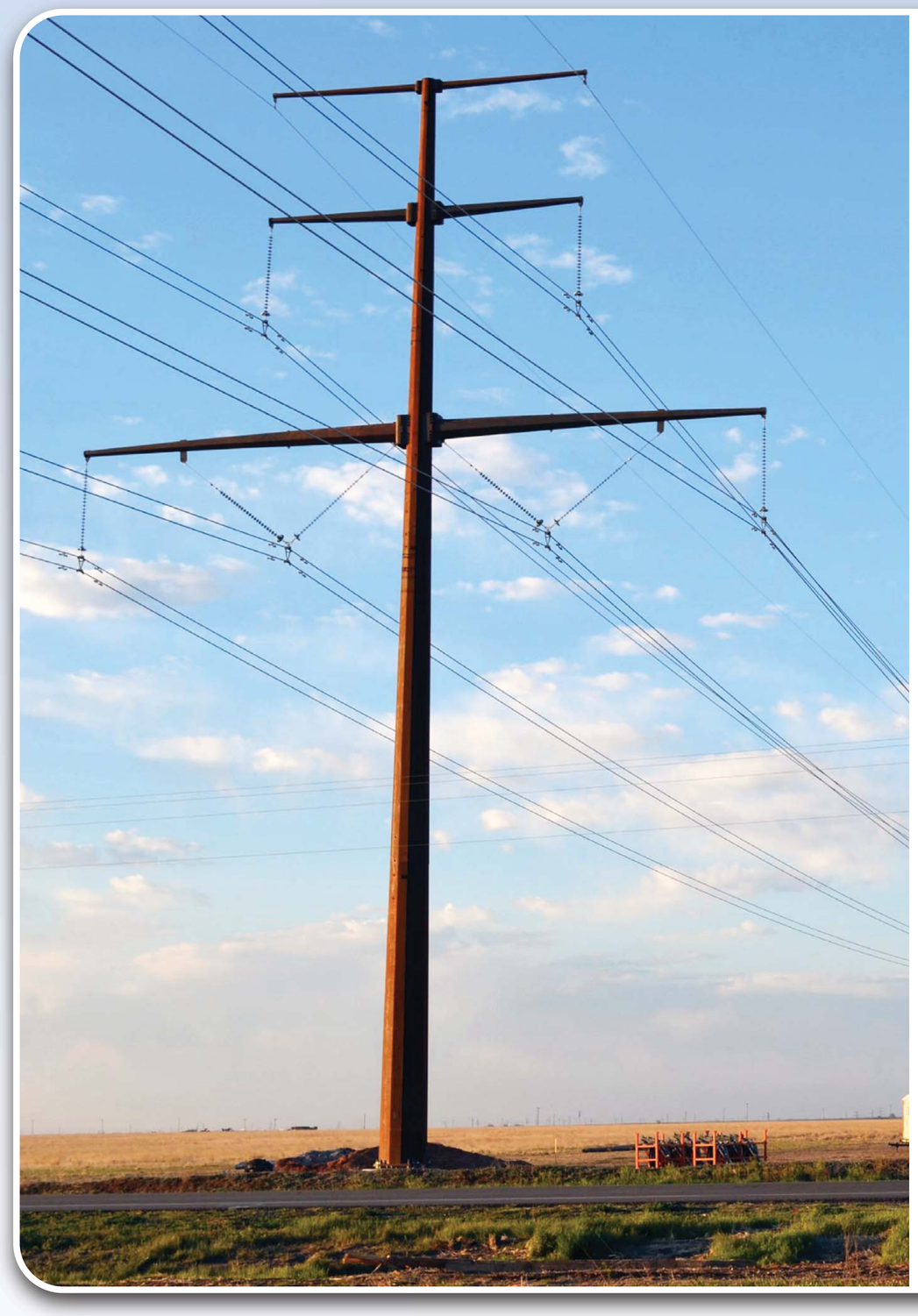
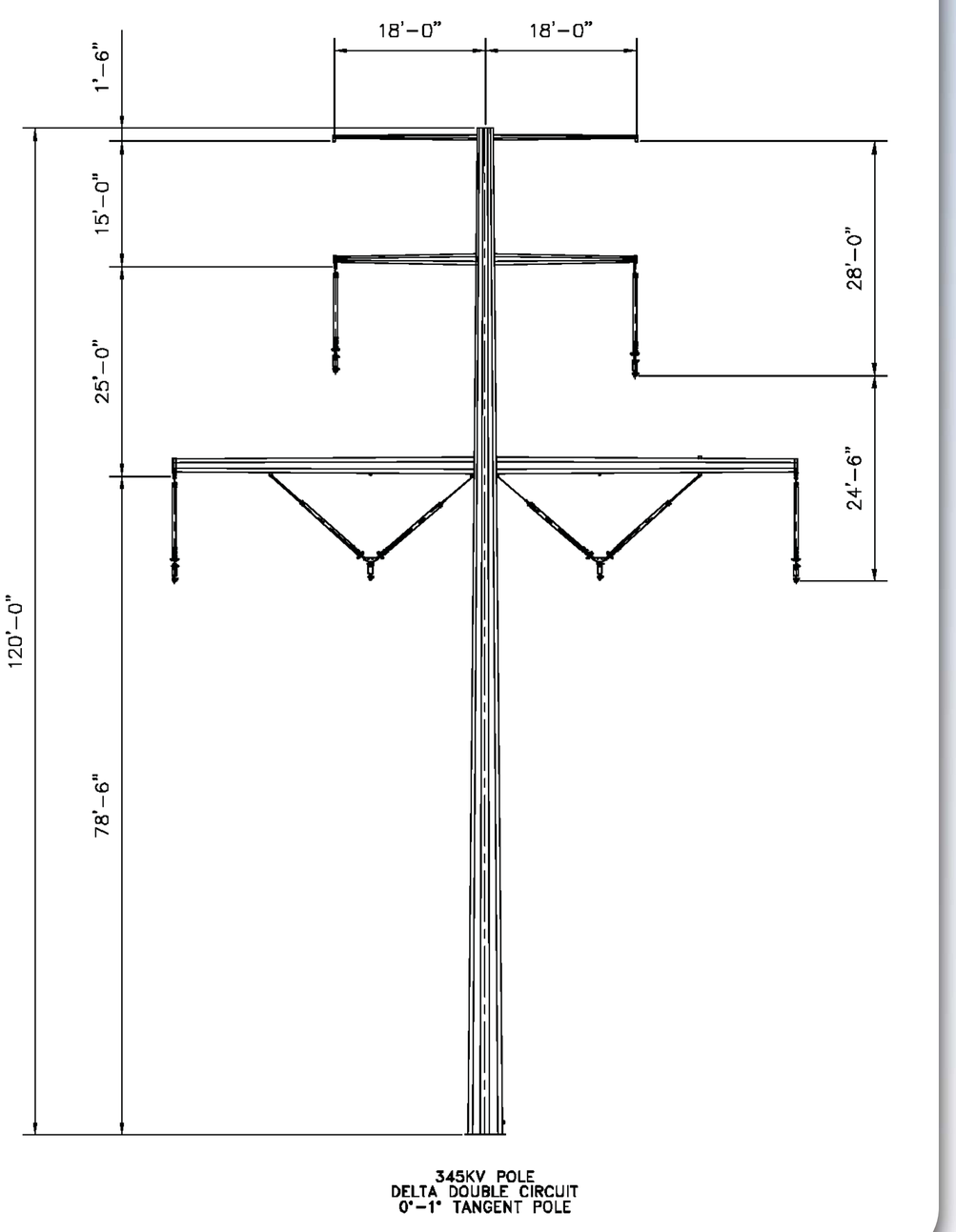
PROPOSED TRANSMISSION LINE
345kV MONOPOLE





- Single circuit built on double circuit capable structures
- Average of 120’ tall
- Approximately 8’ diameter base
- Foundations - Drilled pier concrete
- Steel - Galvanized or Weathering Finished, Tubular poles
- Conductor - Double bundle1929 kcmil ACSR/TW “Cumberland”

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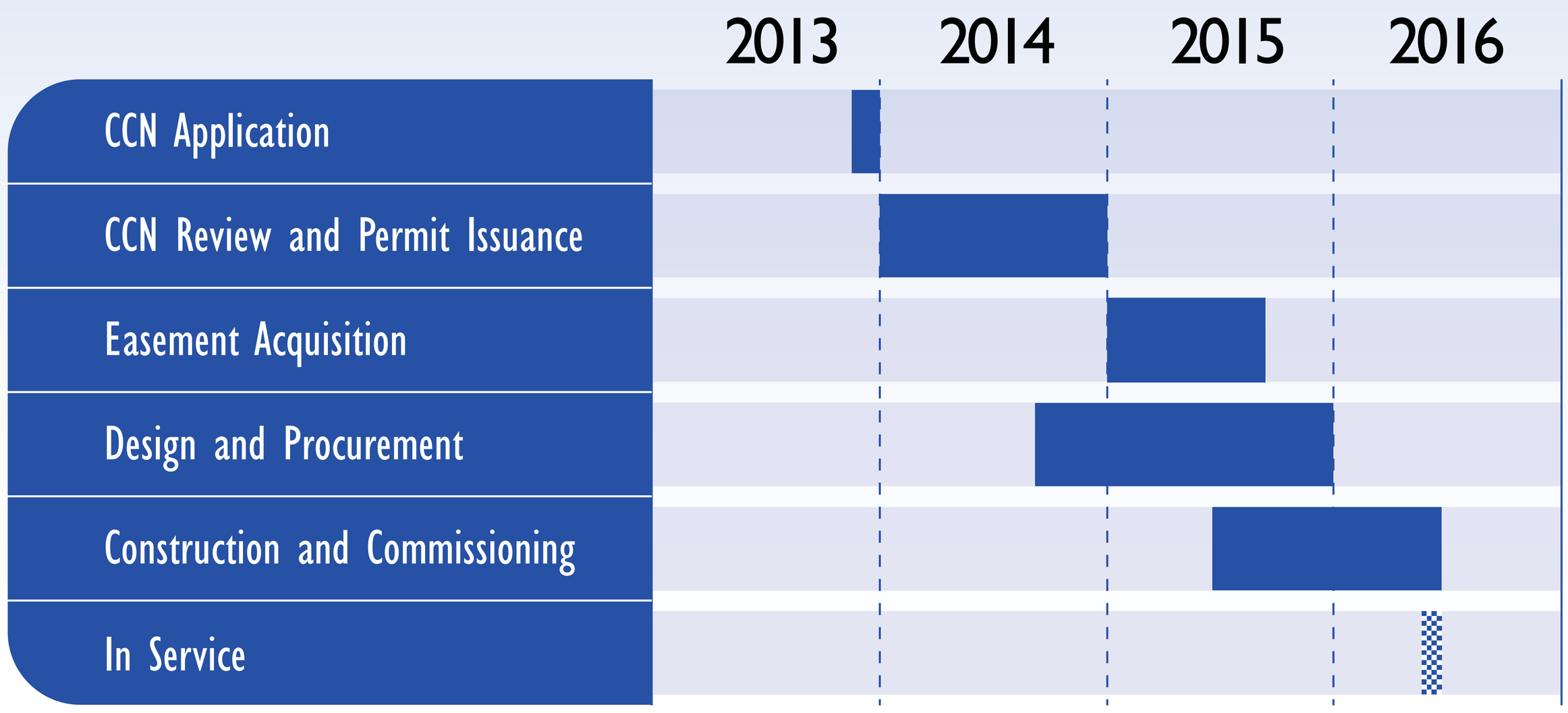
PROJECT MILESTONES



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NEED FOR THE ANTELOPE – WHITE RIVER 345kV TRANSMISSION LINE PROJECT

- Golden Spread Electric Cooperative (GSEC) plans to expand its Antelope Generating Station by adding an additional 928 MW of gas fueled electrical generation.

- GSEC generation intended to serve member cooperatives in ERCOT portion of Texas to increase reliability and provide cost-effective electricity to its members.

- GSEC requested interconnection to Sharyland's 345kV transmission system.

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PUBLIC UTILITY COMMISSION OF TEXAS TRANSMISSION LINE CERTIFICATION PROCESS

PROJECT DEFINITION AND EVALUATION

Routing Study & Environmental Assessment

- Identify project study area
- Gather environmental and cultural data
- Contact Federal, state and local agencies
- Identify routing constraints
- Develop preliminary alternative route segments
- Conduct Public Open House Meetings **WE ARE HERE**
- Evaluate preliminary alternative routes and identify primary alternative routes

PERMITTING PROCESS

Certificate of Convenience and Necessity (CCN) Application

- Submit CCN application to the PUCT
- Send notices to landowners with property crossed by an alternative route and landowners with habitable structures within 500 feet of an alternative route
- Send notices to municipalities and electric utilities that are within five miles of the project
- Send notices to county governments in the project area

Interested parties may file a motion to intervene and participate in the PUCT proceeding to review the CCN Application

PUCT DECISION

Approval of the CCN gives Sharyland the authorization to build the new transmission line along the route approved by the PUCT

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RIGHT-OF-WAY (ROW) ACQUISITION

Conduct market analysis to establish approximate property values by type & use

Prepare initial offer based on market analysis and other factors (line orientation, etc.)

Negotiation with Landowner

Agreement

Condemnation

Execute Easement

- Permanent easement 175’ wide
- Temporary easements will be required at corner structures
- Access easements where necessary (temporary & permanent)

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PROPOSED WHITE RIVER 345kV SUBSTATION

- To be built by Sharyland Utilities in Floyd County
- Property size: approximately 160 acres
- Station size: approximately 28 acres
- Modify existing transmission line to terminate into new station
- Initially built to connect GSEC and one other generator
- Ultimate build out to accommodate up to 4 generators
- Generators can be thermal or renewable

POWER ENGINEERS

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TRANSMISSION LINE REVIEW & APPROVAL PROCESS

Utility identifies need for transmission addition/improvement to increase reliability.

OR

Generation Interconnection Project is reviewed by ERCOT and ERCOT TDSPs, and meets ERCOT Regional Planning Group requirements.

TRANSMISSION ROUTING PROCESS

Routing Study & Environmental Assessment

- Define Study Area
- Contact Federal, State & Local Agencies
- Identify Routing Constraints

Establish Preliminary Routes

- Invite Public Involvement **WE ARE HERE**
- Evaluate Preliminary Routes and Identify Primary Routes

PUBLIC UTILITY COMMISSION OF TEXAS (PUCT) APPROVAL PROCESS

Utility files Application at the PUCT

- Direct Mail Notice of Application to Landowners, Local Public Officials and Electric Utilities in Area
- Publication of Notice in Local Newspaper
- Intervention Period - 45 Days

If Application is Uncontested

- Application Approved Administratively in 80 Days

If Hearing is Requested

- Application Processed within 1 Year
- Hearing by Administrative Law Judge (ALJ)
- ALJ Makes Recommendation to PUCT

PUCT Makes the Final Decision

- Approve or Deny Application
- Selects Location of Final Approved Route

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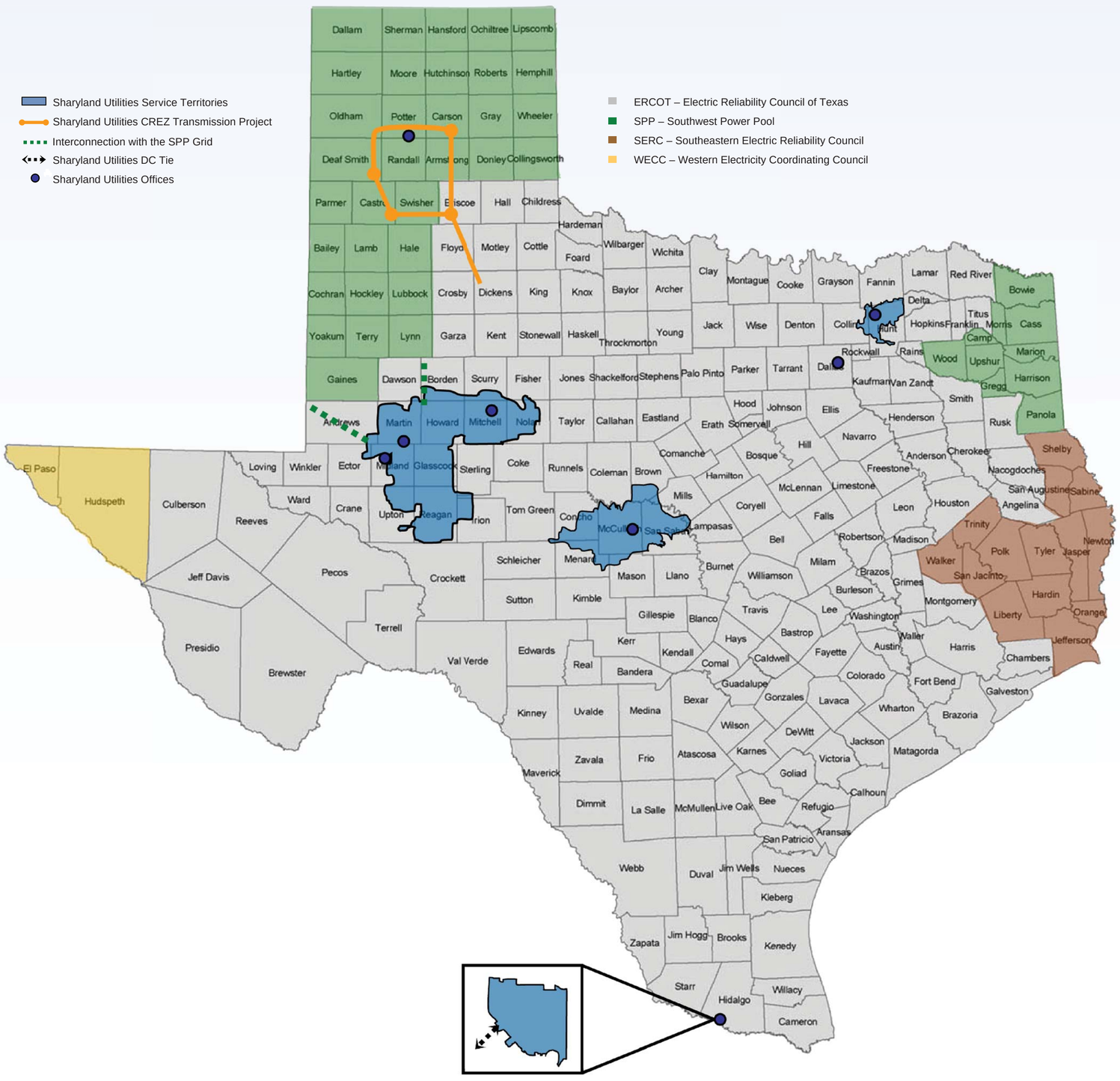
Sharyland Utilities

WELCOME to Sharyland Utilities' Public Open House Meeting for the Proposed GSEC to White River 345kV Generation Interconnection Project

WHO IS SHARYLAND UTILITIES?

- Sharyland Utilities, L.P. is a Texas-based public electric utility that is fully regulated by the Public Utility Commission of Texas.
- Sharyland currently serves approximately 50,000 customers in 29 counties throughout Texas.
- Sharyland's corporate headquarters are located in Dallas, with a local office located in Amarillo.
- Sharyland is privately owned by Hunter L. Hunt and other members of the family of Ray L. Hunt and is managed by Hunter L. Hunt.



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