

# EVALUATION CRITERIA

## FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



### LAND USE

- Length of alternative route
- Number of habitable structures<sup>1</sup> within 300 feet of the Right-of-Way (ROW) centerline
- Number of newly affected habitable structures<sup>1,2</sup> within 300 feet of the ROW centerline
- Amount of newly acquired ROW (acres)
- Length of route centerline utilizing existing transmission line ROW
- Length of route centerline parallel to existing transmission line ROW
- Length of route centerline parallel to other existing ROW (highways, pipelines, railways, canals, etc.)
- Length of route centerline parallel to apparent property lines<sup>3</sup>
- Percent of route within or parallel to existing linear features and/or apparent property lines
- Length of route centerline through parks/recreational areas<sup>4</sup>
- Number of parks/recreational areas<sup>4</sup> crossed by ROW centerline
- Number of additional parks/recreational areas<sup>4</sup> within 1,000 feet of the ROW centerline
- Total acreage of woody vegetation clearing required
- 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 pipelines crossed by ROW
- Number of transmission line crossings
- Number of Interstate, US, and State highway crossings
- Number of railroad crossings
- Number of FAA registered airports<sup>5</sup> 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<sup>5</sup> 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 amplitude modulation (AM) radio transmitters within 10,000 feet of the ROW centerline
- Number of frequency modulation (FM) radio transmitters, microwave towers, and other electronic installations within 2,000 feet of the ROW centerline
- Number of recorded water wells within 200 feet of the ROW centerline
- Number of recorded oil and gas wells within 200 feet of the ROW centerline

### AESTHETICS

- Estimated length of ROW within foreground visual zone<sup>6</sup> of Interstate, US and State highways
- Estimated length of ROW within foreground visual zone<sup>6</sup> of parks/recreational areas<sup>4</sup>

### ECOLOGY

- Acreage of ROW across upland woodland
- Acreage of ROW across bottomland/riparian woodland
- Acreage of ROW across NWI mapped scrub/shrub wetlands
- Acreage of ROW across NWI mapped forested wetlands
- Length of ROW across known habitat of federally listed endangered or threatened species
- Length of ROW across open water (lakes, ponds, etc.)
- Number of streams crossed by ROW
- Length of ROW parallel (within 100 feet) to streams or rivers
- Length of ROW across 100-year floodplains

### CULTURAL RESOURCES

- Number of cemeteries within 1,000 feet of the ROW
- Number of recorded archaeological and historic resources crossed by ROW
- Number of additional recorded archaeological sites within 1,000 feet of the ROW
- Number of National Register of Historic Places-listed or determined-eligible resources crossed by ROW
- Number of additional National Register of Historic Places listed or determined-eligible resources within 1,000 feet of the ROW
- Acreage of proposed ROW across areas of high archaeological site potential

#### NOTES:

<sup>1</sup> 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 300 feet of the centerline of a transmission project of 230-kV or less.

<sup>2</sup> Newly affected habitable structures are habitable structures within 300 feet of an alternative route that are currently not already within 300 feet of an existing transmission line.

<sup>3</sup> Apparent property lines created by existing roads, highways, or railroad ROWs are not “double-counted” in the length of ROW parallel to property lines criteria.

<sup>4</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

<sup>5</sup> As listed in the Chart Supplement South Central US (FAA 2020a and 2020b formerly known as the Airport/Facility Directory South Central US.) .

<sup>6</sup> One-half mile, unobstructed. Lengths of ROW within the visual foreground zone of parks/recreational areas may overlap with the total length of ROW within the visual foreground zone of Interstates, US and State highway criteria.

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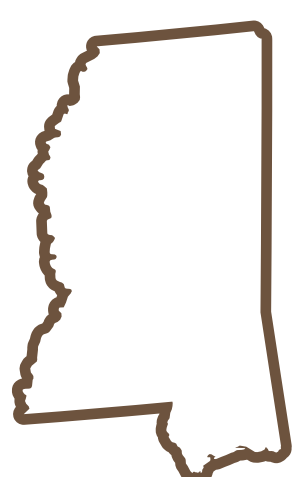
# AGENCIES CONTACTED

FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



## FEDERAL

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



## STATE

- Mississippi Department of Archives and History
  - Archives and Records Services Division
  - Historic Preservation Division
- Mississippi Department of Environmental Quality
- Mississippi Department of Transportation
- Mississippi Department of Wildlife, Fisheries, & Parks
- Mississippi Natural Heritage Program
- Mississippi Public Lands Division



## LOCAL

- City Officials
- County Officials

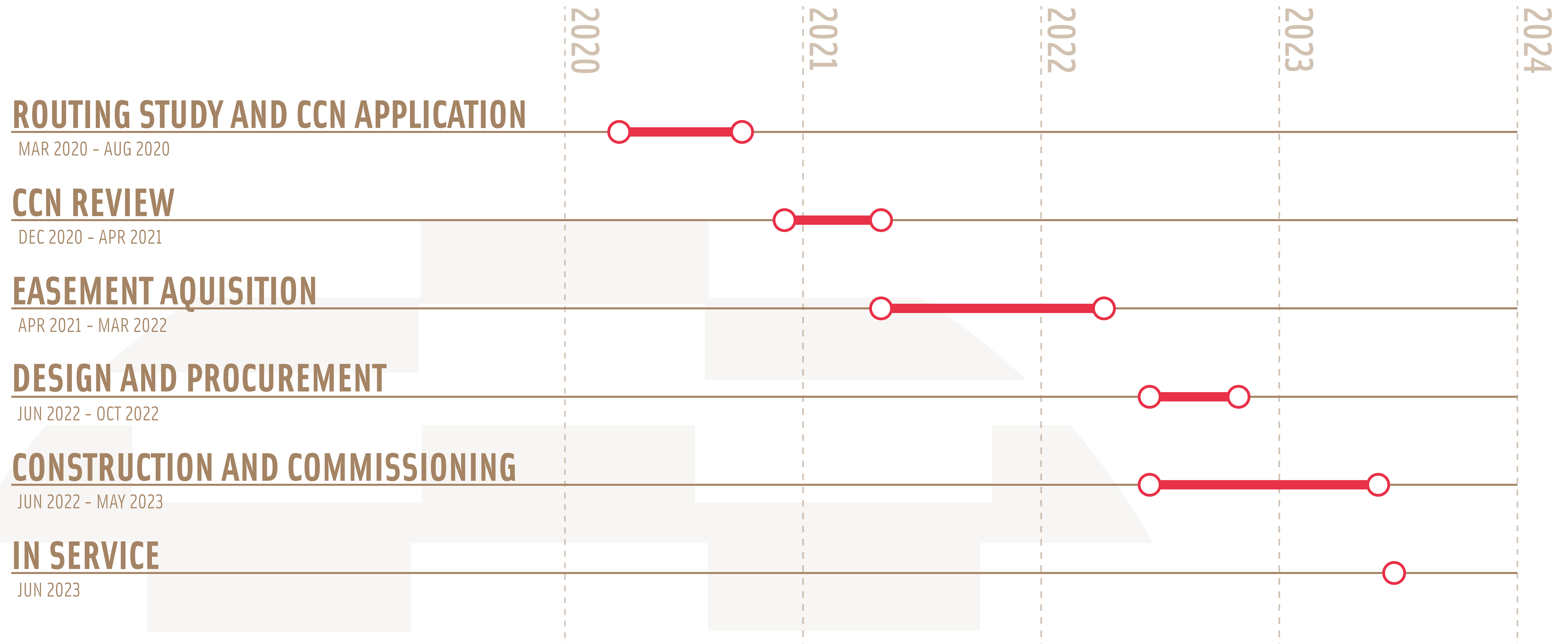
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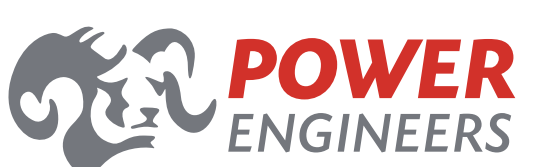


# PROJECT SCHEDULE

## FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



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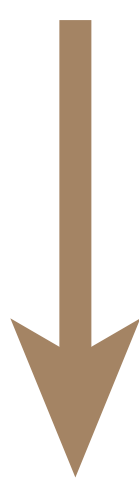
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# EASEMENT AND ACQUISITION PROCESS

FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



Notify landowner of project



Request permission and temporary access to conduct the following:



LAND SURVEY



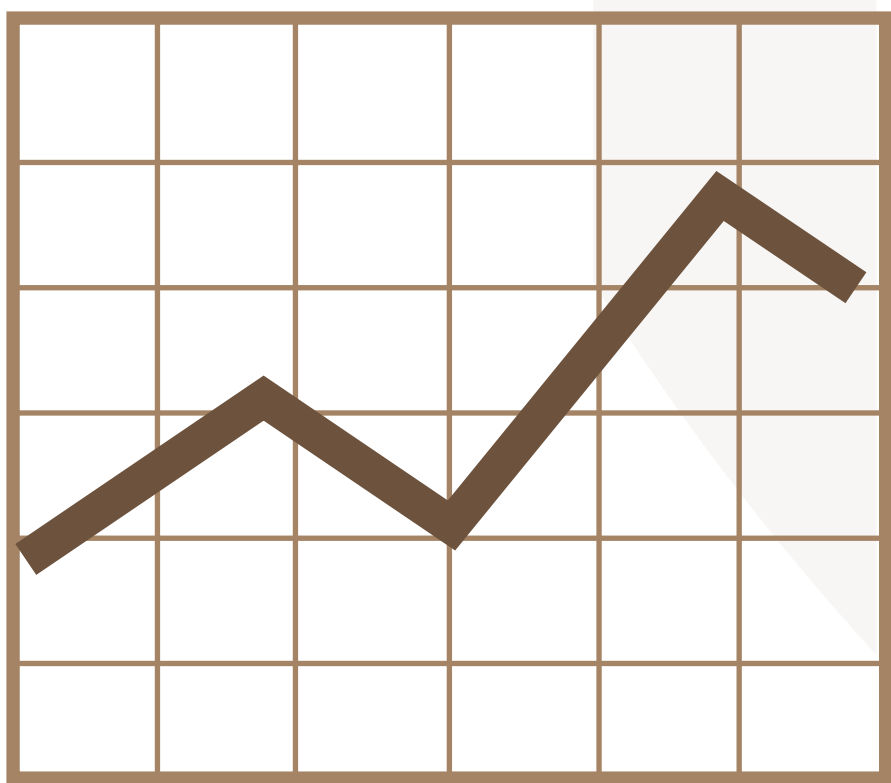
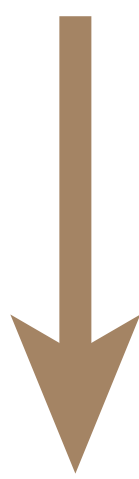
CULTURAL RESOURCES SURVEY



GEOTECHNICAL



NATURAL RESOURCES SURVEY



Determine property value using market data from recent sales of similar properties

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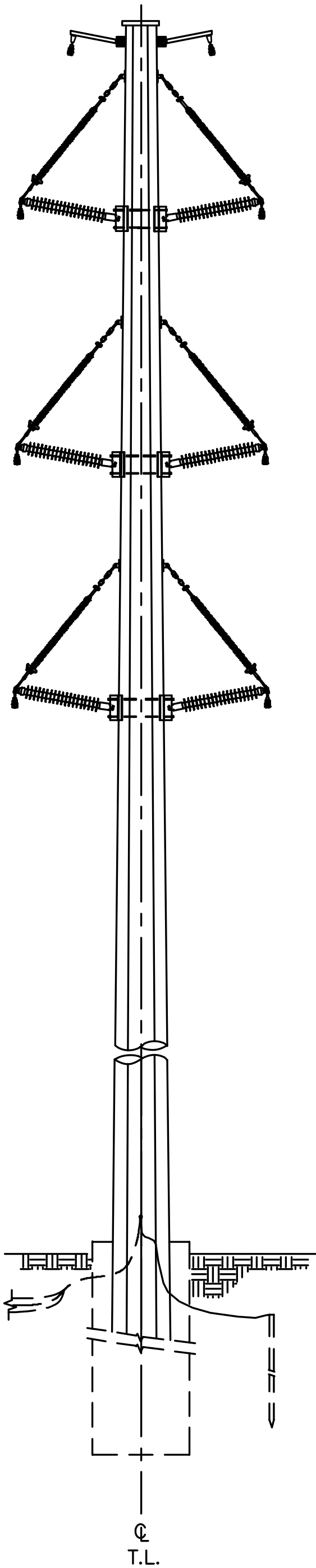


# TRANSMISSION STRUCTURE DESIGN

FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



DELTA, DOUBLE-CIRCUIT BRACED-POST STRUCTURE



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 **POWER**  
ENGINEERS



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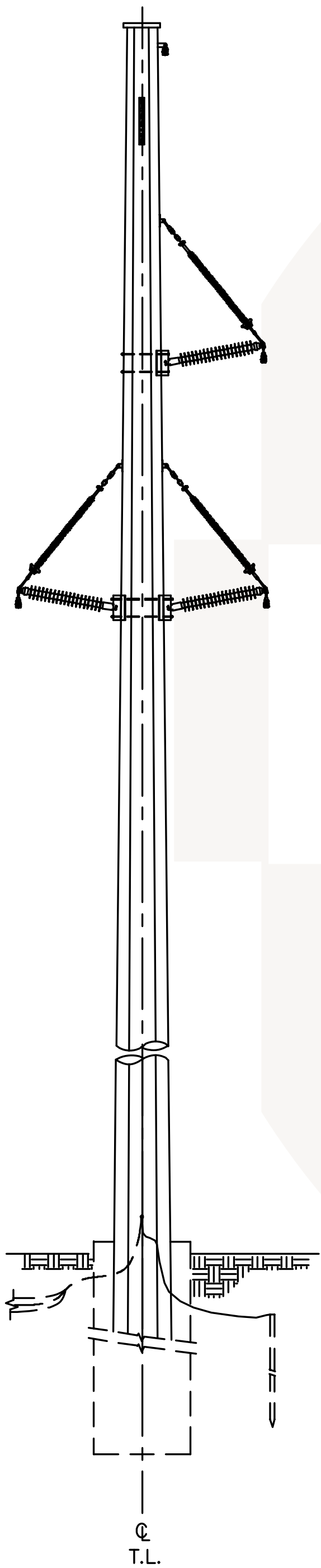
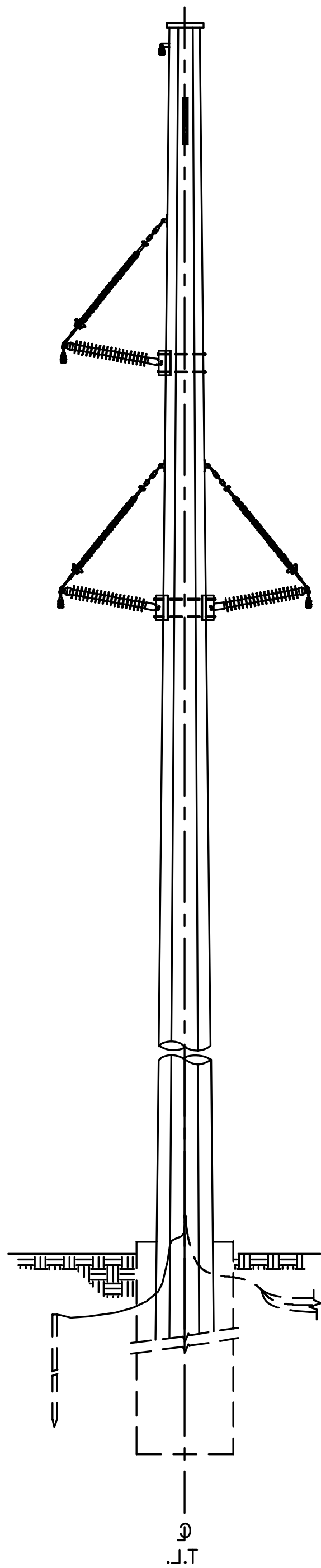


# TRANSMISSION STRUCTURE DESIGN

FOR THE SNOWDEN PARK 115 KV TRANSMISSION LINE PROJECT



TWO PARALLEL DELTA, SINGLE-CIRCUIT BRACED-POST STRUCTURES



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