

SOILS & GEOLOGY REPORT

Xcel Energy recognizes El Paso County's requirement for a Geology and Soils Report and has reviewed the requirements outlined in Chapter 8.4.9 of El Paso County's Land Development Code.

At this time, exploratory borings have been drilled along portions of Pathway in El Paso County. Results of the exploratory borings are found in the attached soil boring logs. Xcel Energy continues to work with landowners to finalize pole locations to be able to finalize a geotechnical study prior to construction. Engineers will use this study to determine the size and type of foundations needed to support the transmission line poles. Once this geotechnical study is complete, Xcel Energy can provide a copy to El Paso County, upon request.

No significant natural hazards have been identified in the areas planned for Pathway development in El Paso County, including faults and fissures, unstable slopes, landslide areas, rockslide areas, and avalanche areas, expansive or evaporative soils with the risk of subsidence, and wildfire hazard areas. Professional engineers who will guide construction do not foresee any unusual risks. Xcel Energy electric facilities, including transmission poles, are specifically designed for the locations where they are placed. Geotechnical studies will be conducted for transmission poles to identify subsurface conditions and determine foundation specifications. Transmission lines are structurally designed according to the NESC, which incorporates standards from the American Society of Civil Engineers on structural loading.