

# Siting criteria for the transmission line

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## Agricultural Uses

- Pivot irrigation systems within right-of-way
- Distance through cultivated land (not on edge or land line)
- Irrigation canal or ditch crossings

## Residential Land Uses

- Residences within 200 feet of potential centerline
- Residences within .25 miles of potential centerline
- Distance through planned residential areas
- Subdivisions

## Industrial/Commercial Land Uses

- Buildings within 100 feet of potential centerline
- Potential conflicts with an existing use
- Distance through planned industrial/commercial areas

## Institutional/Special Land Uses

- Potential conflicts with communication facilities or towers
- Schools within 500 feet
- Oil and gas wells within 200 feet
- Gun club and or shooting range within 0.25 mile
- Intersections with flight paths (per FAA)

## Recreational Land Uses

- Existing parks or recreation sites crossed
- Existing park/recreation sites within 500 feet
- Planned park/recreation sites crossed

## Natural and Cultural Resources

- Cultural sites
- Distance within 1/8 mile of water bodies
- Structures within potential wetlands
- Designated sensitive or important habitat
- Trees within 75 feet of potential centerline
- Distance within 0.25 mile of State Wildlife Area
- Superfund sites (or other environmental issues)
- Centennial Farms within 150-foot right-of-way
- Areas with potentially contaminated soils/landfills

## Engineering Considerations

- Angles greater than 45 degrees
- Major highway crossings
- Conflicts with other utilities
- Railroad crossings
- High pressure gas pipeline crossings
- Total transmission line length