

NPPD R-Project Routing Criteria

Land Use Criteria

Proximity to occupied residences

- Number less than 300 ft.
- Number over 300 ft. & less than 500 ft.
- Number over 500 ft. & less than 0.25 mile

Proximity to incorporated communities

- Number less than or equal to 0.25 mile
- Number over 0.25 mile & less than or equal to 0.5 mile
- Number over 0.5 mile & less than 1 mile

Proximity to other amenities

- Number of churches within 500 ft.
- Number of schools within 0.25 mile
- Number of cemeteries within 500 ft.
- Public use airports (landing strip > 3200 ft.) within 1.5 miles
- Public use airports (landing strip < 3200 ft.) within 1.25 miles
- Private FAA registered airports within 1.25 miles
- Private non-FAA registered airports within 0.5 mile
- Wellheads within 100 ft. of apparent centerline
- Number of other buildings within ROW

Proximity to platted development

- Distance crossing (ft.)
- Length adjacent (ft.)



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Agriculture

- Irrigated cropland crossed (acres in ROW)
- Pasture/rangeland crossed (acres in ROW)
- Dry land crops crossed (acres in ROW)
- Number of center pivot conflicts

Other Land Use

- Number of parcels crossed by ROW
- Transitional agriculture or protective zoning crossed (ft.)
- Shelterbelt within ROW (acres)

Environmental Criteria

- Threatened and endangered plant habitat within ROW (acres)
- Wetland/jurisdictional water crossed (acres)
- Conservation easements crossed (ft.)
- Trees clearing within ROW (acres)
- Number of cultural resources within 500 ft. (recorded and potential sites)
- Number of river crossings
- Number of named stream crossings
- American Burying Beetle habitat affected
- Potential whooping crane stop over habitat (acres within 1 mile of route centerline)
- Tern and plover habitat (acres within 0.25 mile of route centerline)
- Sandhills Scenic Byway crossed (ft.)
- Sandhills Scenic Byway paralleled (ft.)
- Highly erosive soils crossed (ft.)



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Engineering and Construction Criteria

- Distance of floodplain crossing (ft.)
- Number of heavy angles (greater than 30 degrees)
- Length (miles)
- Cost (millions of dollars)
- Subtransmission (34.5 or 69 kV) line relocation (ft.)
- Number of railroads crossed
- Length of railroads paralleled (ft.)
- Number state highways crossed
- Number US highways crossed
- Number major pipelines crossed
- Length of major pipelines paralleled (within ROW)
- Number of existing 230 kV transmission line crossings
- Number of existing 115 kV transmission line crossings
- Number of existing 34.5 or 69 kV transmission line crossings
- Number of communication towers within 0.25 mile
- Proximity to access
 - 0 to 500 ft.
 - 500 ft. – 0.25 mile
 - 0.25 mile to 0.5 mile
 - Greater than 0.5 mile

