

DESIGN CHARACTERISTICS AND ENVIRONMENTAL RESOURCES AFFECTED BY THE PREFERRED ALTERNATIVE

DESIGN CHARACTERISTICS

- Length of Roadway (I-57) 1.87 miles
(IL 17) 0.65 miles
- Right of Way Required for Construction 14.51 acres
- Number of Parcels 143 Total (101 ROW; 39 TE; 3 PE)
- Temporary Easements 2.35 acres
- Permanent Easements 1.87 acres

SOCIAL/ECONOMIC IMPACTS

- Building Removals Five sheds and one concrete pad
- Traffic Impacts Temporary side road and during construction

AGRICULTURAL IMPACTS

- Prime Farmland Required None
- Farm Residences/Building Displaced None

NOISE IMPACTS

- Number of Locations with Traffic Noise Levels above the NAC (Noise Abatement Criteria) for the projected year of 2040. 493 receptors were identified with highway noise impacts. Noise barrier walls are proposed that are cost effective and anticipated to reduce noise impacts of at least 5 db for 254 receptors.

NATURAL RESOURCES IMPACTS

- Tree Impacts 825 potential tree removals
- Threatened and Endangered Species Impacted None
- Wetland Sites within Project Limits Four potential sites (two that are impacted by this project, and two that are avoided)
- Wetland Impacts 0.4 acres, any impacts will be mitigated at the Morris Wetland bank

SPECIAL AND PROTECTED LANDS

- Nature Preserves Affected None, within the project limits
- Illinois Natural Area Affected None, within the project limits
- Parks and Forest Preserves Affected None, within the project limits

WATER RESOURCES/QUALITY IMPACTS

- Steam Crossings/Water Crossings None
- Private Water Wells within 200 feet None

FLOODPLAIN IMPACTS

- Affected 100 year Floodplains (Zone A) None
- Number of Floodplains Crossed None

CULTURAL RESOURCE IMPACTS

- National Register Eligible Resources with Impacts None, within the project limits
- National Register Eligible Archeological Resources with Impacts None, within the project limits

REGULATED SUBSTANCES

- Recognized Environmental Conditions (REC) 28 disturbed sites, (soils found to be contaminated will be managed appropriately)