



# US 51 Draft Environmental Impact Statement (DEIS) Summary Table Descriptions

Design Characteristics and Environmental Resources	Description
<b>Noise</b>	
Residences, Classrooms, or Churches with Noise Impacts (number)	Highway noise depends upon four main factors: the number of vehicles present, traffic speed, the number of large trucks present, and the distance from the highway. A noise impact occurs when the Noise Abatement Criteria (the noise level at which a barrier must be considered) is approached, met, or exceeded.
<b>Natural Resources</b>	
Forest Impacts (acres)	Amount of wooded area impacted
Large Forest Stands (acres)	Amount of wooded area over 20 acres in size impacted
Protected Species Potentially Affected (number)	Threatened or endangered species or their habitat that may be impacted. Includes all types of plants and animals which face possible extinction if steps aren't taken to protect them.
<b>Special and Protected Lands</b>	
Illinois Natural Areas Inventory Sites Affected (number/acres)	Sites with unique habitats, plant or animal species, geology, or high-quality areas protected by the State of Illinois.
<b>Water Resources/Quality</b>	
Surface Water Crossings (number)	Number of streams crossed.
Private Water Wells Displaced / within 200 feet (number)	Groundwater and surface water used as potable water.
<b>Floodplains</b>	
Floodplains Crossed (feet)	Low-lying areas that often flood after storm events and are mapped by the Federal Emergency Management Agency.
Floodplain Crossed (number)	
<b>Wetlands</b>	
Wetland Impact (acres)	Areas saturated by water at a frequency and duration sufficient to support a prevalence of vegetation typically adapted for life in saturated soil conditions. Mapped by the Illinois Natural History Survey.
Wetland Impact (number)	
<b>Special Waste Sites</b>	
Special Waste Sites Affected (number)	Sites may contain a variety of waste materials, such as pollution control waste, industrial process waste, or petroleum contaminated soils. Some of the sites are not contaminated, but may store potentially hazardous substances, such as fuel oil.