



# US 51 Draft Environmental Impact Statement (DEIS)

## Summary Table Descriptions

Design Characteristics and Environmental Resources	Description
<b>Design Characteristics</b>	
Length of Roadway (miles)	Total length of alternative, including roadway using existing US 51
Right-of-Way Required for Construction (acres)	Total right-of-way required, including area of land that is already in right-of-way
New Interchanges (number)	Number of new interchanges to be constructed
New Impervious Area (acres)	Amount of new pavement, including roadway, paved shoulders, ramps, and side road improvements
Estimated Cost (millions)	Total cost in today's dollars
<b>Social/Economic Resources</b>	
Total Residences Displaced (number)	Homes (single-family, multi-family, including farm homes) directly impacted
Businesses (non-agricultural) Displaced (number)	Businesses directly impacted, not including farm businesses
<b>Agricultural Resources</b>	
Farm Residences Displaced (number)	Farm homes directly impacted
Farm Businesses Displaced (number)	Farm businesses directly impacted
Agricultural Soils (acres)	Soil currently used or could potentially be used as agricultural land. Does not include land that is paved, covered by water, or urban development.
Farm Severances (by tract)	Occurs when the alternative divides a farm either laterally or diagonally, and separates one or more tracts from others within a single farm operation. If an alternative takes farm land on the edge or perimeter of a farm tract, this is not a severance.
Affected Farms (number)	Tracts that are either completely taken or less than a 1/3 of a tract taken by an alternative but the tract is not severed. Includes severed tracts where the resulting farmable area is less than 5 acres
Total Adverse Travel between Split Farm Parcels, Based on One Round Trip (miles) for each Operator	Occurs when a new roadway causes additional travel distance from one part of a farm operation to another part. Added travel is typically caused by severance of a farm tract by a new roadway or by a road closure, and is calculated as the one-way mileage per field visit.
Prime Farmland (acres)	Land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is also available for these uses. Cannot be urbanized, paved, or permanently under water. Mapped by the Natural Resource Conservation Service.
Statewide and Local Important Farmland (acres)	Farmland other than Prime Farmland that is of statewide or local importance for the production of food, feed, fiber, forage, or oilseed crops, as determined by the appropriate State agency.