**County**

**Route**

**Job Number**

**Core Team Member**

(New 1-1-03)

#

**PROJECT SCOPING CHECKLIST**

(Add additional notes as required)

# Design

|  |  |
| --- | --- |
| [ ]   | Purpose and need       |
| [ ]   | Standards       |
| [ ]   | Existing conditions      |
| [ ]   | Traffic handling       |
| [ ]   | Consider need for contract incentives or disincentives to minimize construction time       |
| [ ]   | Accident and safety issues       |
| [ ]   | Surveying and mapping       |
| [ ]   | Value Engineering study       |
| [ ]   | Design exceptions       |
| [ ]   | Public involvement       |
| [ ]   | Consider signing, signals & lighting       |
| [ ]   | Consider FHWA oversight       |
| [ ]   | Outsourcing design       |

# Planning

|  |  |
| --- | --- |
| [ ]  | Needs       |
| [ ]  | Multimodal       |
| [ ]  | Urgency/Funding availability/Sources       |
| [ ]  | Project coordination       |

# Environmental

|  |  |
| --- | --- |
| [ ]  | NEPA       |
| [ ]  | Parks, Public Lands, and Section 4(f)       |
| [ ]  | Noise       |
| [ ]  | Farmland       |
| [ ]  | Floodplain       |
| [ ]  | Hazardous waste       |
| [ ]  | Wetlands and other waters of the U.S.       |
| [ ]  | Threatened and endangered species       |
| [ ]  | Socioeconomic considerations       |
| **[ ]**  | Cultural resources considerations       |

**Cultural Resources**

|  |  |
| --- | --- |
| [ ]  | National Register eligibility       |
| **[ ]**  | Archeological sites       |

# Construction

|  |  |
| --- | --- |
| [ ]  | Resources       |
| [ ]  | Development in project area       |
| [ ]  | Constructibility       |
| [ ]  | Project administration       |
| [ ]  | Earthwork       |
| [ ]  | Bases & Aggregate surfaces       |
| [ ]  | Flexible pavement issues       |
| [ ]  | Rigid pavement issues       |
| [ ]  | Incidental construction issues       |
| [ ]  | Structures       |
| [ ]  | Roadside development       |
| [ ]  | Traffic control       |
| [ ]  | Minimization of construction time       |

# Bridge

|  |  |
| --- | --- |
| [ ]  | Rehabilitation vs. Replacement       |
| [ ]  | Outsourcing design       |
| [ ]  | Bridge type       |
| [ ]  | Bridge size       |
| [ ]  | Permits       |
| [ ]  | Traffic handling       |
| [ ]  | Retaining walls       |
| [ ]  | Box culverts       |

# Railroads

|  |  |
| --- | --- |
| [ ]  | Type of crossing       |
| [ ]  | Temporary crossing       |
| [ ]  | Crossing upgrades       |

# Maintenance

|  |  |
| --- | --- |
| [ ]  | Long term maintenance needs       |
| [ ]  | Existing maintenance problems       |
| [ ]  | Maintainability of new project       |
| [ ]  | Roadway maintenance       |
| [ ]  | Shoulders & approaches       |
| [ ]  | Drainage considerations       |
| [ ]  | Roadsides       |
| [ ]  | Bridge maintenance       |
| [ ]  | Snow and ice control       |
| [ ]  | Traffic control       |
| [ ]  | Safety issues       |

# Traffic

|  |  |
| --- | --- |
| [ ]  | Urgency       |
| [ ]  | Safety/Operational issues       |
| [ ]  | Signals       |
| [ ]  | Signing       |
| [ ]  | Lighting       |
| [ ]  | Striping       |
| [ ]  | Access management       |
| [ ]  | Work zone       |
| [ ]  | ITS       |

 **R/W**

|  |  |
| --- | --- |
| [ ]  | Land use       |
| [ ]  | Improvements       |
| [ ]  | Relocations       |
| [ ]  | Minimization of impact       |
| [ ]  | Adequate negotiation time       |
| [ ]  | Public facilities       |
| [ ]  | Access management       |
| [ ]  | Billboards       |
| [ ]  | Estimation of Easements       |

**Public Information and Outreach**

|  |  |
| --- | --- |
| [ ]  | Develop Public Involvement Plan       |
| [ ]  | Public hearings       |
| [ ]  | Communication plan       |
| [ ]  | Ensure the steps of the PIP are Completed       |

**Utilities**

|  |  |
| --- | --- |
| [ ]  | Conceptual study       |
| [ ]  | Preliminary plan       |
| [ ]  | Right of Way plans       |
| [ ]  | Utility construction work       |
| [ ]  | Public Affairs       |
| [ ]  | Utilities       |
| [ ]  | Materials       |
| [ ]  | Legal       |
| [ ]  | Right of Way       |

 **Materials**

|  |  |
| --- | --- |
| [ ]  | Slope parameters       |
| [ ]  | Borrow material       |
| [ ]  | Pavement type selection        |

 **Legal**

|  |  |
| --- | --- |
| [ ]  | Adjacent impacts       |
| [ ]  | Condemnation       |
| [ ]  | Agreements       |

*For questions, comments, or suggested revisions to this checklist, please contact a Project Development Liaison Engineer*