

# Iowa DOT Intersection Control Evaluation (ICE) Supporting Guidance

## Sample Scope Outline

The scope items listed below are meant to provide the user a potential set of tasks for an ICE project and a range of activities under each task that might be appropriate. **The user should modify tasks and activities listed below and scale the scope of their ICE project as appropriate.**

### Task 1 – Project Management and Quality Control

- Staff coordination
- Maintain project schedule and budget
- Provide Iowa DOT with progress reports and invoices
- Provide quality assurance and quality control

### Task 2 – Project Meetings

- Kickoff meeting
- ICE Stage 1 Form review meeting
- ICE Stage 2 concept layout review meeting
- ICE Stage 2 Form review meeting
- Final ICE Form(s) and Executive Summary review meeting

### Task 3 – Data Collection

- Desktop review of project area
- Field inventory/observations
- Traffic counts/forecasts
- Crash data
- Speed data
- Environmental data
- Right of way and utility information
- Previous studies
- Previously provided stakeholder/public input

### Task 4 – ICE Stage 1 Evaluation

- Existing conditions
- Traffic volumes/forecasts
- Crash history
- Qualitative evaluations
- Warrant analyses
- Quantitative evaluations
- Complete and submit ICE Stage 1 Form

**Deliverable:** ICE Stage 1 Form

### **Task 5 – ICE Stage 2 Evaluation**

- Develop conceptual layouts
- Operations analysis for opening year and design year
- Predictive safety analysis for opening year and design year
- Concept-level costs
- Environmental, right of way or utilities impacts
- Multimodal accommodations
- Constructability
- Stakeholder and public outreach
- Complete and submit ICE Stage 2 Form

***Deliverable:*** ICE Stage 2 Form

### **Task 6 – ICE Documentation**

- Executive Summary Memorandum

***Deliverable:*** ICE Executive Summary Memorandum

