

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

