

# Long-range Planning Training Assistance

## North Carolina

### CLIENT

NCDOT Transportation Planning Div.  
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### ATKINS

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### COMPLETION DATE

2021

### E.L. ROBINSON'S ROLE

**Subconsultant**  
**Course Developer**

### PROJECT MANAGER

**Leigh Lane**

### KEY STAFF

**Dane Ismart**  
**Douglas Parker**



E.L. Robinson Engineering (ELR) is subcontracted to Atkins to provide NCDOT Transportation Planning Division training material for three different courses: Transportation Planning Basics (TBasics), Integration Practitioners, and Integration Users. Integration is NCDOT's term for Planning and Environmental Linkages (PEL). For the TBasics course, ELR provided review services and helped assemble the course workbook.

For the two Integration courses, ELR is constructing the courses from conception through final deliverables. Course construction entails developing and leading guided workshops with key NCDOT staff and subject matter experts to develop course key messages and learning objectives, producing for each course a Detail-level Design Plan which maps out the course modules and sessions, and developing course training materials (including PowerPoint slides, case studies, class exercises, instructors' guide, and course workbook). The Integration courses have five primary modules focused on assisting Metropolitan Planning Organizations (MPOs) and Rural Planning Organizations (RPOs) develop Comprehensive Transportation Plans. The five primary course modules cover the following topics: Community Characteristics Assessment, Interagency Coordination Protocol, Problem Statement, Alternatives and Scenarios Analysis, and Indirect and Cumulative Effects (ICE) analysis. Throughout the course, the importance of Public Involvement and documentation will be emphasized.

