

5.1.1

All Roads Lead to Rome

Presenter

John Farley

GIS Manager

NCDOT

jcfarley@ncdot.gov

Co-Presenter

Jackie Magnant

Senior Project Manager

Esri

jmagnant@esri.com

The Esri Roads and Highways (R&H) implementation at NCDOT, commonly referred to as the ROME project, kicked off in April 2013. Roads and Highways is Esri's new advanced COTs LRS solution which replaces our current custom linear referencing system (LRS) and roadway inventory (RI) applications and data. NCDOT, along with several other DOTs, worked closely with Esri providing input and guidance on LRS and RI processes and workflows. This input directly influenced product development. That influence has continued throughout the project to guide product development on each subsequent R&H release that are made available to all R&H DOT customers. Our presentation focuses on how this unique partnership helped to develop a long awaited advanced COTs solution for linear referencing and roadway inventory.

- NCDOT and Esri's Partnership
- NCDOT and other DOTs input and influence
- Early R&H Design and Development
- ROME project overview
- R&H COTs Solution Agency Benefits
- Advantages to a Two Phased Project Approach and Development Impacts
- Agile Assets integration
- Timing data migration and solution deployment to minimize editing backlog
- Influencing new solution releases
- Project challenges and lessons learned
- NCDOT R&H Roadmap