Advanced linear referencing
Roadmap for Esri Roads and Highways
Agenda

Introduction

Esri Roads and Highways

Live demo

Roadmap
Introduction
The Geocom Story

1995
Engineering Company Spin-Off

2001
Switched to ArcGIS technology

2010
Member of the Esri Germany Group

2011
International expansion begun

2013

Today
100 employees in 7 locations
Geocom Locations

Switzerland
Geocom Informatik AG
Kirchbergstrasse
Burgdorf
Josefstrasse
Zürich
Grand-Rue
Nyon

Germany
Geocom Informatik GmbH
Ringstrasse
Kranzberg (Munich)
Willhoop
Hamburg
Konrad-Adenauer-Ufer
Köln
Karl-Liebknecht-Strasse
Berlin
Esri Deutschland Group

Esri Deutschland Group GmbH
Strategic planning

geo commenced
Utilities
Industrial Plant Management
Transport & Logistics

con terra
Nature, Environment, Resources
Business Solutions
features / highlights
Esri Roads and Highways

- Manage Your Road Network
- Integrate Enterprise Data
- Maintain Your LRS
- Analyze and Report

- Desktop and Webbased
Esri Roads and Highways Highlights

- Multiple linear referencing systems
- Complex network operations
- Event behavior
- Time awareness
- Linear referencing web services
- Web-based
  - Road characteristics editor
  - Roadway reporter
Live Demo
Esri Roads and Highways Roadmap

10.3

10.3.1

10.4

10.4.1

10.5

What's to come … 2016/11

Quality release

What's new …
Desktop - What's new at 10.4

- Calculate Route Concurrency geoprocessing tool
- Overlay Route Events geoprocessing tool
- Reassign route copies calibration points within the reassigned portion to target route
- Deprecation of route table from minimum schema
- Ability to model LRS Network and Event feature classes in advance and other user experience enhancements
- Export Network geoprocessing tool supports only exporting dominant route records in concurrency table
- Location Referencing Tools
Server - What's new at 10.4

- REST: Calculate concurrencies and dominant route for a set of routes and measure ranges
- Roadway Characteristic Editor:
  - Dominant route assignment
  - Improved snapping options multiple layers
- Roadway Reporter
  - Calculate and summarize mileages based on fields in the network
  - Calculate mileages for only the dominant route where a concurrency exists
  - Notification via email when a report for ready for viewing and downloading
  - Save and share reports in PDF and CSV format on ArcGIS.com
RoadMap 10.5 - Goals

- Internationalization / Localization support for Desktop and Event Editor
- Platform Expansion
  - Event Editor integration with Portal security model
  - Web App Builder widgets to support LRS data navigation and query
  - Improved integration with Collector
- User Experience Enhancements coming from Production and On-boarding customers
- Consideration of route concurrency and dominant routes when detecting event gaps and overlaps
- Significant effort to migrate the LRS network editing and geoprocessing functionality to ArcGIS Pro.
THANK YOU