

# BIM for Rail Projects – Roundtable

CI1741-R

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## Discuss how BIM has implications for Rail Projects

- Rail planning
  - Public Outreach
- Detailed Design
  - Track, Structures, Stations, Electrification, Signals
- Construction
  - Planning, capture construction
- Data Management and Collaboration
  - File versus Objects, Central repository, file formats
- Asset Management
  - What is required? GIS, models, value for operation

## Rail planning

- GIS
- Existing conditions
- Deliverables/presentation
- Public Outreach

## Detailed Design

- Track
- Structures
- Stations
- Electrification
- Signals

# Construction

- Planning
- Construction stakeout
- Capture asbuilts

# Data Management and Collaboration

- File versus Objects
- Central repository
- File formats

# Asset Management

- What is required?
- GIS
- models
- value for operation