

# **FDOTSS3/SS4 DESIGN SURVEY WORKFLOW Part 3 of 3**

FOR BENTLEY OPEN ROADS  
TECHNOLOGY

# Introduction to Open Roads

- Editing the Survey Terrain Model
- Survey Database Selections
- Featurized Graphical Data
- The SURVRD.dgn and Deliverables

# Editing the Survey Terrain Model

- DTM Existing Element Template
- Adding a Chain
- Types of Breaklines
- Edit Triangles – remember F6 to release

# Survey Database Selections

- Changing Properties from Project Explorer
  - Change Properties from Details Dialogue
    - ✓ QLA / Primary Control
  - Use Feature Definition + Field Book
    - ✓ Drainage + Default Points
  - Separate Segments

# Featurized Graphical Data

- A note on labeling
  - ✓ Drainage Labels
  - ✓ Topo Labels
  - ✓ Utility Labels
- Load Features from Current Graphics
- Zones and Attributes
- The Survey Database

# The SURVRD.dgn and Deliverables

- What to Deliver to Design?
  1. SURVRD01.dgn
  2. DREXRD01.dgn
  3. TOPORD01.dgn
  4. UTEXRD01.dgn
  5. ALGNRD?
  6. GDTMRD?
- The CADD Manual Allows all of these
- TOPORW01.dgn

# The TOPORW.dgn

- Save out SURVRD.dgn to SURVRW.dgn
- Switch to Right of Way Configuration
- Survey Redraw
- Select TOPORW filter
- Fence File out to TOPORW3D.dgn
- Open new 2D TOPORW01.dgn
- Reference TOPORW3D.dgn
- Merge to Master

# QUESTIONS?

## CONTACT

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