2016 AASHTO Right of Way, Utilities, Outdoor Advertising Control & National Alliance of Highway Beautification Agencies Conference

Sunday, May 1–Thursday, May 5
Rosen Centre Hotel
Orlando, Florida

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3D Soft Clash - Introduction

• 3D Project Delivery
  • BIM
  • Horizontal design hybrid of 3D and 2D
  • Migrating to 100% 3D delivery
  • Need for higher quality utility data
3D Soft Clash - Introduction

• Design
  • Accuracy of points and lines
    • QLA vs QLB vs QLD
  • Symmetrical vs Asymmetrical clash zones
3D Soft Clash - Introduction
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• What does Soft Clash Mean?
  • Caution zone
  • Near miss
  • Equal to hard clash
3D Soft Clash - Introduction

• 3D defines a soft clash
• Soft clashes need to be understood and managed
• May have the same impacts as hard clashes
• Impacts occur in schedule and cost (4D and 5D)

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