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
Soft Clash – Physical / Design

• Structures
• Environmental
• Space Limitations / Utility Design
• High Value / High Risk
• Vehicle Loading
• Outage Windows

Dave Hausmann – UMS – 605-787-1090 – dhausmann@umsi.us

2016 AASHTO ROWWOAC & NAHBA Conference
Structures

• Large OH transmission line Relocation
  • Vertical and horizontal clearances
  • Proximity to existing buildings
  • Raising grade-line

• Safety hazards
  (outside new utility easement)

• Magnetic contamination

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Environmental

- Trees
- DOT vs. Utility
- Future vegetation Impacts
- Aesthetics
- Public demand OH to UG
Space Limitations / Utility Design

- Maintenance equipment access
  - Conductor design
- Impacts to Lateral Support
  - Trench design
  - Trench construction

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High Value / High Risk

- PHMSA Requirement
  - Company personnel on-site
  - Contractor sequencing
- Clearzone
- Temporary Fencing
- Higher bids

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Vehicle Loading

• Heavy equipment compaction
• Flow restriction
• Oblong joint leakage
• Service Lines

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Outage Windows

• Highway closures

• Utility crew scheduling

• Planned outages aborted