

External Topic Title
Rooftop Analysis/Modification
Maintenance and Condition Assessment of Telecommunications Structures
Network Performance Impacts v. Structural Integrity
Design, Planning, Permitting, Construction & Maintenance of Small Cell Sites Best Practices
Coordinating Engineer
TIA-5053
PMI/PII
Intended Use of Structures
UAS (Mappings/Model Accuracy)
Best Practices for Communication on Mount/Tower Impacts
History of TIF Board
Avian considerations for Telecommunications Towers
Anchor Corrosion Risk Assessment
Intended Use of Structures
Best Practices to Reduce Passive Intermodulation
Common Installation Faults with Mounts
Changed Condition
Safety Climb #2
Mount Constructability Considerations
Microwave Antenna Site Selection
FAA Lighting
TIA-5053
TIA 222 H IBC Relationship
RF Safety PAN Update
FCC Resources
PPE & Equipment Update
EOR Responsibility on Rooftop Sites
Gin Pole
Foundations TIF White Paper
Structural Engineering Scoping on a Concealment Structure
Contractor Resources for Construction Plans
Grounding & Stray Current
Updates to TIA-222-I
Code-Required Special Inspections
Snug-Tight Condition
Fiber Boring
Temporary Loading of Mounts
Mount to Leg Interaction Equations
Cell Site Vegetation Management

Computational Fluid Dynamics (CFD) Wind Analysis
FAA requirements in pre-design/site acquisition
Monopole Reinforcing
Pipe/Round Bracing Members
Network Performance Impacts/Design Considerations on Rooftop Sites
Tower Climber Resources
Traffic Control
Twist, Plumb & Tension
Telecommunications Industry Resources
What will occur after a disaster?
Interrupted Safety Climb/Climbing Facilities
Proper Installation Techniques for Collar Mounts
Tower Structural defects vs. maintenance issues: What is Cause for Concern?
Induced Current on Cranes from Transmission Towers
Engineering Best Practice for Collar Clamp Design/Threaded Rods
Fatigue Considerations on Telecommunications Communication Poles
Walking working surfaces/Rooftops
Part II – Capstan Hoists
Slings
U-Bolts
Water Tank Analysis/Modification
General Contractor Common Misconceptions
Designing Cell sites in a Flood Plain
Line Pull & Tag Forces
Rigging to Mounts
OSHA Compliance Assistance
UAS (Crash Test)
Concealment Pole Challenges
Things to consider for properly taking down a structure (Tower Decommissioning)
Mount Documentation Requirements per TIA-5053
Engineering on DSA Sites (California)
Maintenance & Condition Assessment Programs
Challenges with Foundation Modifications
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