Digital Transportation Infrastructure
Asset Data Collection Standard

Robert Dingess
President
Geospatial Transportation Mapping Association
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Purpose/Benefits of Standard

• MAP-21 Asset Management, Safety (MIRE) Requirements, “All-Roads” Network, Environmental Analytics, Bridge Clearances, etc.
• Current Models - (Combined with Pavement Assessment Technologies)
• Relative Accuracy (Sub Decimeter)
• Technology Agnostic (LiDAR, Photogrammetry, etc.)
• Public/Private Partnering
• AASHTO
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Connected Automation

Asset Inventory (MAP-21)

Basic Analytics
Digital Transportation Infrastructure
Asset Data Collection Standard

Digital Infrastructure Surveying, Mapping and Asset Data Management

Example: National Pavement Marking Standard – Machine Read Technologies

$200,000 NCHRP Project Plan
Questions

Robert Dingess
President
Geospatial Transportation Mapping Association
rdingess@usgtma.com
TRB AFB 80