THE CONSTRUCTION INDUSTRY IS EXPERIENCING PROFOUND DISRUPTION

#areyouready?
WHAT IS DISRUPTION?

Disruption is a business model change where segments of an industry cannot adapt
NEW APPROACHES TO ALL ASPECTS OF ASSET CONSTRUCTION

Ownership
State
Public/Private

Delivery
Design/Bid/Build
Design/Build, CM/GC, etc.

Financing
Public
PPP
AN EXPLOSION OF NEW DATA GATHERING TECHNOLOGIES

- Bots
- Telematics
- Sensors
- Digital Communications
- QR Codes
- LIDAR
- IR
- Data Management Systems
- IoT
- GPR
- UAVs
- Electronic Signatures
NEW APPROACHES OFFER PROMISE BUT EXECUTION IS VERY COMPLEX
STATUS QUO IS OBSOLETE
AND PROJECTS ARE BECOMING MORE CHALLENGING AND RISKS ARE GROWING

“Projects are over Budget 80% of the time and take 20% longer to finish. The industry is ripe for disruption.”


#reducerisk
Contractor Wants Another $400 Million for a State Highway Widening Project

Hard to Defend Claims
Construction Consulting Firm Walks Off Four State DOT Projects in Contract Dispute
PUBLIC OUTRAGE DUE TO BUDGET AND TIME OVERAGES

State DOT bypass finally, entirely open
Project of 6.2 miles took 13 years, cost $150M
WHAT IF BY THIS TIME NEXT YEAR
YOU COULD GREATLY REDUCE YOUR
EXPOSURE TO ALL OF THAT RISK?
IT’S A NEW WAY OF THINKING

Project Inspector Report

VS.

PROJECTS

CAPABILITIES

MANAGEMENT

Management

Executives

Construction Managers

Contractors

Owners

Consultants

Inspectors
AND A NEW PARADIGM FOR DISTRIBUTING INFORMATION

#beyonreports
ACCUMULATED PROJECT INTELLIGENCE BECOMES ASSET INTELLIGENCE
THAT’S WHY WE BUILT HEADLIGHT
PROJECT INTELLIGENCE IN ACTION
EASE OF USE

“HeadLight gives us the ability to collect lots of data in little time. We are able to generate, customer facing, professional looking reports in as little as 5-10 minutes. We are able to spend time on the job vs. the time it takes to create reports.

- Inspector
IMPROVE PROJECT VISIBILITY

"HeadLight is a living record of what happened on the project, available to us after we have delivered. HeadLight allows us remote access anywhere so that we can see actions in the field as the work is done."

- Project Manager
PROJECT INTELLIGENCE REDUCES RISK

HeadLight gives inspectors the ability to find, access, and share reliable information in a way that was previously unavailable. HeadLight provides the Department the ability to find information when they need it and specifically what happened on that day.

- Project Manager, State DOT
"Investing in innovative technology like HeadLight gives us the tools needed to observe, document and archive project details, such as site conditions and material delays, enabling us to provide superior outcomes for our clients. It’s a value add that really differentiates us from our competition."

- VP Operations
PROJECT INTELLIGENCE IN ACTION
Example:

- Collecting density data via mobile device and allowing for auto completion and auto calculation of existing forms digitally to eliminate paper processes
Example:

- Fuel spill on construction job reported by neighbor and need to verify documentation and communicate to environmental services
Example:

- **Deliver just in time training** to personnel in the field
  - Toolbox talk
  - Refresher on what to look for when observing thin overlay construction.
Example:

- **Search for evidence and supporting information to respond to claim from neighbor regarding damage to their driveway from construction activities**
Project Intelligence In Action
REDUCE RISK WITH A BETTER SAFETY NET
CONTRACTOR SOFTWARE LANDSCAPE

Bidding

Accounting

Ops/Fleet Mgmt

Reporting
CONTRACTOR SOFTWARE LANDSCAPE

- Bidding
- Accounting
- Risk & Communication
- Ops/Fleet Mgmt
- Reporting
Thank You.