
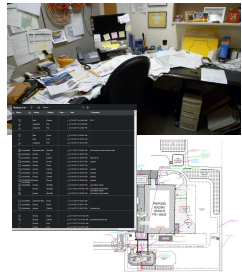



Case Study + Interactive Experience  
**Integration of Bluebeam**  
 ACEC 2018 Transportation Conference  
 Hosted By: ACEC-IA, IOWA DOT, & FHWA  
 September 12, 2018  
 Altoona, Iowa





**Bluebeam Efficiencies**

- ✓ Reduce paperwork and time waiting for comments.
- ✓ Real-time alerts and instant feedback.
- ✓ Collects and stores date, time, and author of markups.
- ✓ Displays the status of comments and markups.

**ISG**



**Services**

Architecture	Engineering	Environmental
Interior Design	Civil	Assessments
Landscape Architecture	Drone Services	Geographic Information Systems
Planning	Electrical	Permitting
	Land Surveying	Planning + Feasibility
	Mechanical	Testing
	Municipal	Community
	Steam + Power	Municipal
	Structural	Resources
	Transportation	
	Water/Wastewater	Planning
	3D Scanning	Community
		Municipal
		Resources

**Markets**

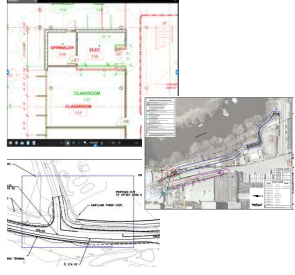

Agriculture	Food + Industrial	Public Works
Civic + Culture	Government	Sports + Recreation
Commercial	Healthcare	
Education	Housing	
Energy	Mining	

292 Employees | 8 Offices | 4 States




**Bluebeam Efficiencies**


- ✓ Ability to measure, create overlays, and differentiate with colors.
- ✓ Organizes complicated project staging.
- ✓ Ability to provide snapshots of existing conditions or intended outcomes.


**Presentation Team**




**Joel Goodenough**  
Senior Project Manager



**Alex Berlick**  
Designer + Bluebeam Specialist



**Nick Frederiksen**  
Project Manager



**Opportunities**





- ✓ PDF Creation
- ✓ Editing
- ✓ Markup
- ✓ Collaboration
- ✓ Transparency



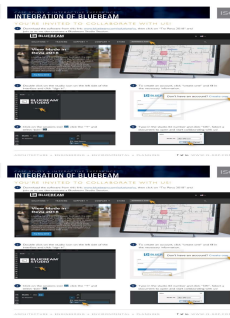
### Case Study

#### WisDOT State Trunk Highway 35 2016


- Studio session shared with all field staff. This starts in the pre-construction stage of the project.
- Accessible by public employees/agencies on a transportation project
- Used to update as-built in real time as changes are made in the field
- Document utility conflicts to be discussed at weekly meetings

### Sample Studio Session



SESSION ID #  
**902-948-231**



### Case Study

#### La Crosse Airport 2018

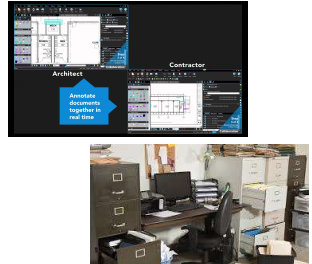

- Collaborated with client during all phases of design and construction
- Internal design reviews conducted using Bluebeam sessions
- Tracked as-builts and revisions




### Summary

#### Re-cap


- Collaborate effectively with clients, consultants, and staff.
- Eliminate paper plan sets and redundancy all while increasing efficiency in daily workflows.

### Case Study

#### Ho-Chunk District Community Center 2017

- Studio session which included Miron Construction, Ho-Chunk Project Manager, and ISG field and design staff
- Used extensively as a tool for detailing plan changes in real time to field staff, shared via a television screen during project meetings
- As-built updated in real time






### Summary


#### Re-cap

- Improved organization.
- Save time and money.




 Deliver a Better Finished Product





Questions?

Thank you!

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