

# MSE Reduces Beam Takeoff Time by 95% with AI Automation

SketchDeck's LIFT software transforms structural steel estimating speed and accuracy

## COMPANY PROFILE

### MSE Inc.

East Coast and New England, U.S. and Canada

## BUSINESS GOAL

Automate beam takeoffs to save time and increase bidding capacity

## THE BOTTLENECKS

- ✗ Manual beam indexing was slow and error-prone
- ✗ Existing tools lacked automation and precision
- ✗ Limited time reduced opportunities to bid on new projects

## THE RESULTS



**95% reduction in beam takeoff time**



**95–99% accuracy rate on large projects**



**One work week saved per month per estimator**



**More bids submitted with improved precision**

## HOW LIFT HELPED

MSE implemented LIFT to automate beam reading and indexing from PDFs, improving speed, accuracy, and collaboration across estimation workflows.

- ✓ Intuitive setup and team adoption
- ✓ Seamless integration with Excel workflows
- ✓ Built for estimators' real-world needs

**“It's the first software that's actually geared towards estimators in a meaningful way.”**

Mason Carragher Estimator  
MSE Inc.



**MSE gained speed, accuracy, and the ability to bid on more projects—boosting productivity and profitability through automation.**

*SketchDeck.AI delivers AI-powered automation tools for steel fabricators, enabling faster, more accurate takeoffs and estimating processes that integrate seamlessly into existing workflows.*