



BRANCH STRUCTURAL SOLUTIONS LLC

## SUCCESS STORY

# Branch Structural Solutions saves 20 hours/week & improves estimate accuracy with Beam AI

“By cutting takeoffs from 3–5 days to just over a day, Beam AI has freed up time for project management and internal process improvements.”



**24–48 HOURS SAVED PER  
TAKEOFF**



**TAKEOFFS REDUCED FROM  
3–5 DAYS TO JUST OVER A DAY**



**HIGHER ESTIMATE ACCURACY,  
ESPECIALLY FOR BOLTS AND  
PLATES**



**BETTER INTERNAL  
OPERATIONS & PROJECT  
MANAGEMENT BANDWIDTH**



**EXCEL-BASED OUTPUTS  
STREAMLINED PRICING  
WORKFLOWS**



“Inclusion Of Bolts And Plates Helps Us Get Much Higher-Accuracy Estimates. Beam AI Is Saving Us Around 20 Hours Every Week While Improving Our Internal Processes.”



Grant O'Shields  
Project Manager  
Branch Structural Solutions



# ABOUT

## Branch Structural Solutions

Branch Structural Solutions LLC is a Cleburne, Texas-based specialty contractor focused on structural steel fabrication and erection for commercial and industrial construction projects. The company delivers structural solutions that support builders, general contractors, and owners in the North Texas region.



Branch Structural Solutions Case  
Study with [Beam AI Takeoffs](#)

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## CHALLENGES BEFORE BEAM AI

Grant and his four-person estimating team relied entirely on manual takeoff methods, spending 3–5 days per takeoff, limiting their ability to grow capacity or improve operations

# /1

### Manual takeoffs consumed 3–5 days per bid

Every estimate required fully manual tracing and measurement in the EJE Structural Material Manager.

# /2

### Bandwidth limitations slowed down bidding

The team often struggled with limited estimator bandwidth, forcing them to chase bids instead of improving internal processes or workflows.

# /3

### High time cost prevented strategic work

Because takeoffs were so time-intensive, the team had less capacity for internal process improvement, standardization, and strategic tasks like vendor coordination or value engineering

# /4

### Accuracy risks: inclusions often missed

Details such as bolts and plates were difficult to track consistently, leading to rework and lower confidence in estimates.

## HOW BEAM AI TRANSFORMED THEIR WORKFLOW

# /1

### 11–20 hours saved every week

By automating manual measurement and material capture, Beam AI reduced takeoff duration from 3–5 days to just over a day, a massive improvement in weekly capacity.

# /2

### Improved estimate accuracy

Beam AI's structured outputs and detailed quantity mapping enabled the team to include bolts, plates, and other critical steel components, improving their confidence in final estimates.

# /3

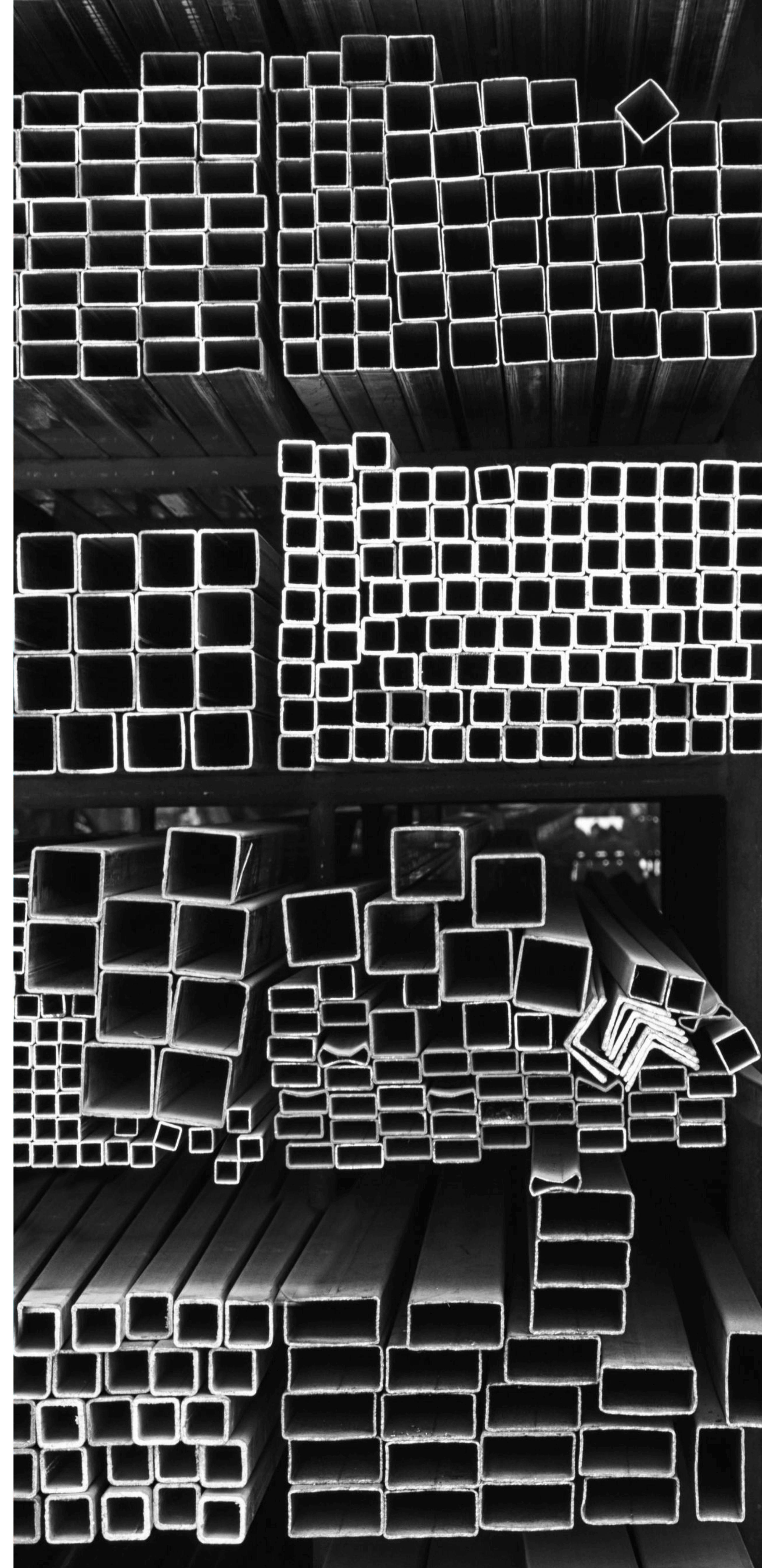
### Better internal operations

Grant noted that Beam AI helped the team open up time for project management, hiring workflows, and internal process improvements.

# /4

### Easy Excel outputs & sharing

Beam AI's Excel export capabilities ranked among the most helpful features, directly enabling faster pricing workflows in EJE and easier collaboration across the team.





# BUSINESS IMPACT

## 20 Hours Saved Per Week

Beam AI freed up half a workweek for the estimating team, time now used for project management and internal initiatives.

## Higher Confidence in Estimates

With better inclusion of bolts, plates, and steel components, the team reports improved accuracy and reduced rework.

## Capacity Maintained Without Adding Headcount

Although bid volume has not yet increased beyond 6–12/month, the team now completes takeoffs significantly faster with the same staff.

## Stronger Internal Processes

More time is now available for hiring, internal improvements, better project oversight, and tandardizing workflows

## Foundation For Growth

The time savings and accuracy improvements set the stage for measurable gains in the near future

# FINAL WORD

“*Beam AI gives us more accurate estimates and frees up around 20 hours a week. It’s transforming how we manage our workload and internal processes.*”



**Grant O'Shields**  
Project Manager  
Branch Structural Solutions

## Ready To Multiply Your Team's Bidding Capacity?

Discover how Beam AI helps estimators work faster, smarter, and more accurately, without increasing overhead.

## 1200+ BUSINESSES

across US & Canada trust Beam AI with their takeoffs

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