



FOUNDATIONS

PRACTICAL APPLICATION OF AI IN CONSTRUCTION

AI FOR DAILY JOBSITE & OFFICE TASKS

Use AI to save time, reduce manual work, and improve productivity across your daily construction activities.



DAILY REPORTS & SUMMARIES

Summarize updates, logs, and notes in seconds.



EMAIL & COMMUNICATION

Draft emails, updates, and responses quickly.



DOCUMENT MANAGEMENT

Extract, organize, and find information fast.

AI



TASKS & TO-DO LISTS

Create task lists, checklists, and reminders.



PHOTO & IMAGE ANALYSIS

Analyze jobsite photos, identify issues, and track progress.



DATA & INSIGHTS

Turn data into clear insights and actionable items.



LEARN



APPLY



IMPROVE



LEAD



Human Intelligence + Artificial Intelligence = Better Decisions

WHERE DOES YOUR TIME GO?

Construction Isn't the Problem—Information Is

DISCUSSION QUESTION



“What administrative task takes more time than it should?”



TEACHING POINT

Most construction professionals are not overwhelmed by construction. They are overwhelmed by information.

COMMON TIME DRAINS



Daily Reports



Emails



Meeting Notes



RFIs



Submittals



Documentation



Follow-ups



Schedule Updates

STORY: THE PROJECT ENGINEER TRAP

A typical project engineer may spend:



15 minutes
writing emails



20 minutes
documenting site walks



30 minutes
organizing meeting notes



45 minutes
preparing reports



By the end of the day,
administration has replaced
project management.



KEY LESSON

AI doesn't save time by working faster.
AI saves time by reducing repetitive administrative work.

THE DAILY TASK FRAMEWORK

Four Ways AI Helps Every Construction Professional



CREATE

Building new content

Examples:

- Daily Reports
- RFIs
- Emails
- Meeting Agendas
- Status Updates
- Narratives



ORGANIZE

Structuring information

Examples:

- Action Items
- Punch Lists
- Submittal Logs
- Tracking Lists
- Document Indexes
- Checklists



SUMMARIZE

Condensing information

Examples:

- Meeting Notes
- Site Walks
- Long Emails
- Specifications
- Reports
- Schedules



TRANSLATE

Converting information for different audiences

Examples:

- Field to Office
- Technical to Owner
- Superintendent to Executive
- Internal to External Communication



Most construction AI tasks fit into one of these **four categories**.

FROM FIELD NOTES TO PROFESSIONAL DOCUMENTS

AI Workflow Demonstration



STEP 1 RAW FIELD NOTES

*Unstructured information
from the field*

- Weather
- Crew Count
- Work Completed
- Deliveries
- Safety Observations
- Issues / Concerns
- Photos / Details



STEP 2 PROFESSIONAL PROMPT

A simple prompt turns
field notes into value

“Act as a construction
superintendent and convert
these field notes into a
professional daily report.” ”



STEP 3 AI PROCESSING

AI interprets, structures,
and organizes the information



STEP 4 PROFESSIONAL OUTPUT

Clear, consistent, and
ready to use

- Daily Report
- Meeting Minutes
- Action Items
- Email Draft
- Owner Update



AI works best when it **improves an existing workflow**—not when it tries to replace it.

AI ACROSS EVERY CONSTRUCTION ROLE

Different Roles. Same AI Assistant.



LABORER



Translate instructions



Review safety information

FOREMAN



Crew communication



Task planning



Material coordination

SUPERINTENDENT



Daily reports



Look-ahead planning



Site documentation

PROJECT ENGINEER



RFIs



Submittals



Meeting minutes



Tracking logs

PROJECT MANAGER



Client communication



Change order narratives



Schedule explanations



Executive summaries

EXECUTIVE



Dashboards



Performance reports



Strategic planning



Research



The best place to begin is with **one repetitive task** you perform every week.



START SMALL. BUILD CONFIDENCE.

Simple Steps to Successful AI Implementation



THE ONE TASK RULE



1

CHOOSE

Select ONE repetitive task that takes time every week.



2

USE AI

Apply AI to assist with that task and complete the work.



3

REFINE & EXPAND

Improve the process, measure results, then expand to additional tasks.

KEY TAKEAWAYS



AI reduces repetitive administrative work.



Improve existing workflows before creating new ones.



Most construction tasks fit into four categories:
Create • Organize • Summarize • Translate



Every construction role can benefit from AI.



Small wins create confidence—and confidence drives adoption.

REFLECTION QUESTIONS



What repetitive task takes the most time?



What workflow could AI improve?



What task will I test this week?



What result would make AI worth using?

FINAL MESSAGE

Construction professionals don't need more hours in the day—they need fewer administrative distractions. **Start with one task, improve one workflow, and build from there.**



SUMMARY & NEXT STEPS

Apply AI to Your Daily Work. Improve What Matters.

KEY TAKEAWAYS



AI REDUCES REPETITIVE ADMINISTRATIVE WORK.

Less time on documentation. More time leading projects.



IMPROVE EXISTING WORKFLOWS.

AI works best when it enhances the processes you already use.



FOUR CATEGORIES. ENDLESS APPLICATIONS.

Create, Organize, Summarize, Translate.



EVERY ROLE CAN BENEFIT FROM AI.

From the field to the executive office.



SMALL WINS CREATE CONFIDENCE.

Confidence drives adoption and long-term success.

REFLECTION QUESTIONS

- 1 What repetitive task takes the most time?
- 2 What workflow could AI improve?
- 3 What task will I test this week?
- 4 What result would make AI worth using?



FINAL MESSAGE

Most construction professionals don't need more hours in the day—they need fewer administrative distractions competing for their attention. AI is not valuable because it is artificial intelligence.

AI is valuable because it helps professionals spend less time organizing information and more time managing projects, solving problems, and leading people.

Start with one task. Improve one workflow. Then build from there.

- ✓ Start Small.
- ✓ Improve One Workflow.
- ✓ Build Confidence.
- ✓ Expand Your Impact.



READY FOR THE NEXT STEP?

Whether you are transitioning from the field to management, developing leadership skills, improving project performance, or integrating AI into your workflow, Construction Management Online provides practical training and performance mentoring designed for construction professionals.

CONTACT ME TODAY!



CORY FISK

Founder

Construction Management Online



530.391.4398



ConstructionManagementOnline.com



Real Experience • Practical Solutions • Proven Results



**YOUR GROWTH.
YOUR PERFORMANCE.**

Our Focus.

