



## EARLY-STAGE CONSTRUCTION



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CMC's early-stage construction solutions are where better projects begin. By engaging earlier and integrating the right expertise from the start, we help reduce risk, accelerate timelines, and unlock greater value across the project lifecycle. Bringing together advanced materials, ground engineering, infrastructure solutions, and digital optimization, we turn complexity into clarity and collaboration into performance—long before the first beam is set.

This is where sustainability meets strength. Where innovation and integrated thinking create smarter, more resilient outcomes. At CMC, we don't just help you build. We help you **Build Better.**

### REAL WORLD ADVANTAGES

*"When you bring everybody into the room, you can sit down and talk candidly about concerns, perspectives, and what success looks like for each party—and have those open dialogues early. It makes it much easier to develop a plan that reasonably mitigates or alleviates those concerns."*

**Mike Trabucco**

– Vice President  
Shirley Contracting Company

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# CONSTRUCTION

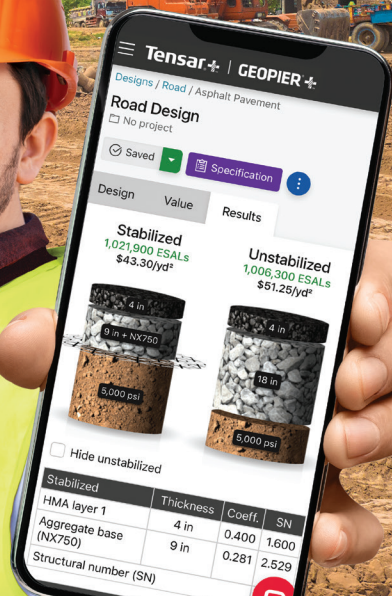
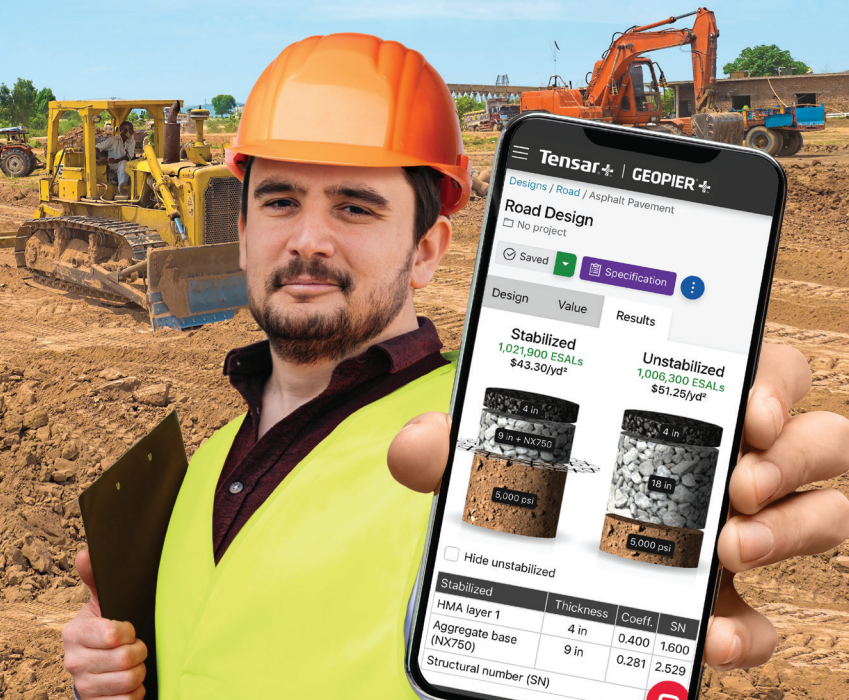
CMC leads the industry in Early-Stage Construction—where steel, concrete, ground reinforcement, infrastructure solutions, and advanced materials come together to solve complex challenges. By uniting a full suite of capabilities, from ground improvement and foundation systems to design software and optimization services, we accelerate timelines, reduce risk, and deliver smarter, more sustainable outcomes. From concept to completion, CMC provides the integrated solutions that set every project up for success.



1

### Design & Planning

In this phase, CMC refines project designs while aligning budgets and schedules with project goals. We engage the right teams early and proactively manage risk. Using advanced tools like Tensar+, a web-based platform for designing with our engineered solutions, CMC helps teams evaluate options early, optimize ground solutions, and reduce uncertainty—setting the stage for efficient, successful execution.



2

## Site Prep & Ground Stabilization

This phase transforms open land into a reliable foundation for construction. CMC applies proven ground engineering, soil stabilization, and infrastructure solutions to improve site conditions, manage water, and support heavy loads. By strengthening soils and optimizing subgrade performance early, we reduce constructability risk, protect schedules, and ensure the site is ready to support long-term structural performance.



Precast Concrete Products



Geosynthetic Ground Reinforcement



Ground Improvement

PRECAST CONCRETE PRODUCTS

### Strength, durability, and resilience under challenging conditions.

With the recent acquisitions of CP&P and Foley Products, CMC is now a trusted manufacturer and supplier of premium precast concrete products, delivering advanced solutions for stormwater, water and wastewater management.

GEOGRIDS

### Engineering the road to success.

Geogrids are commonly used to stabilize poor soils during sitework. In pavement structures, Tensar® geogrids create a “snowshoe effect” over the underlying subgrade by locking aggregate particles more efficiently during compaction, stiffening granular materials and reducing subgrade stress.

GEOPIER® RAMMED AGGREGATE PIER® SOLUTIONS

### Built on solid ground.

Geopier® is a ground improvement system that transforms weak soils into dense, stiff columns using a patented beveled tamper, delivering high-energy ramming that stiffens surrounding soil for long-term stability.

3

## Foundational and Structural Reinforcement

With design finalized and the site prepared, CMC transitions your project into the critical phase of building strength and stability. Our team delivers complete foundational and structural solutions—from drainage and utilities to excavation, footings, rebar, formwork, and precision concrete placement.

Partnering closely with utility, concrete, and structural contractors, CMC provides the reliability and expertise needed to keep early-stage construction moving forward with confidence.

We help ensure every structure is built to perform from the ground up with:

- STRAIGHT & SPOOLED REBAR
- PERFORMANCE REINFORCING STEEL
  - ChromX
  - CryoSteel
  - GalvaBar

- TILT WALL BRACING
- FORMWORK & SHORING
- CONCRETE RELATED PRODUCTS
- PRECAST CONCRETE
- BRIDGE SYSTEMS

- FABRICATION:
  - Rebar Fab & Placing
  - Epoxy Coating
  - Paving Dowels & Baskets
  - Post Tension Cable
  - Anchoring Systems

