Case Studies

Design/Build Commercial Construction

Bethelview Shopping Center

Client:
Private Developer

Role:
Design Build Project, Cost Analysis, Scheduling, Material Delivery, and Construction

Key feature:
Shopping Center
Case Studies

Transportation – Concrete Specialties

Cherokee County Airport

Client:
General Contractor

Role:
Cost Analysis, Scheduling, Material Delivery, and Construction

Key feature(s):
slab on grade, elevator pit, mezzanine, stairs, spread footings, continuous footing, and turndown
Case Studies

Power Generation

Facility/Asset Management
Enterprise-Wide

Client:
Oglethorpe Power

Role:
Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features:
M.A.P.S Enterprise-Wide
Asset Management
Asset Preservation
Accurate Budgeting
Cost Control – Low Life-Cycle $
Case Studies

Transportation - International

Roof Management

Client:
Atlanta Airport Terminal Corp

Role:
Roof Asset Management, Cost Analysis, Scheduling, and Project Execution

Key features:
Over 3 million square feet
America’s busiest airport
Case Studies

Government – Military

Fort Benning
Stationary Gunnery Range

Client:  
I. L. Flemming

Role:  
Project Design and Mgt, Cost Analysis, Scheduling, Material Delivery, and Construction

Key Feature:  
Infrastructure of the range
2,370 yards of 650 Flex concrete
25 tons of rebar
Case Studies

Water Treatment

Aeration Basin

Client: City of Gainesville Water Treatment Facility

Role: Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features: Demolition, Concrete Restoration, High Strength Grout, Waterproof Coating
Case Studies

*Water Treatment*

Concrete Containment
Water Tanks

Client:
City of Gainesville
Water Treatment Facility

Role:
Cost Analysis, Scheduling, and Project Execution

Key features:
Concrete Restoration, Protective Coatings
Case Studies

Transportation

Two Diesel Fuel Tanks

Client: National Railroad Company
North Carolina & Alabama

Role: Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features: Lead Abatement, Robotic Blaster Technology
Case Studies

Government – Municipal

Roof Tear-Off & Re-Roof

Client: Dekalb County, Georgia

Role: Cost Analysis, Scheduling, and Project Execution

Key features: Reflectivity for Energy Savings Asbestos Abatement Building Retrofit
Case Studies

Government – Federal

Roof Tear-Off & Re-Roof

Client:
Veterans Administration
Birmingham, Alabama

Role:
Specification Development,
Cost Analysis, Scheduling, and
Project Execution

Key features:
Reflectivity for Energy Savings
Cross-Over Roof
Traffic Control,
New Fan Units,
Building Retrofit
Case Studies

Education – Energy Savings, Power Generation

Energy-Savings with Mechanical Insulation

Client: Georgia Tech

Role: Cost Analysis, Scheduling, and Project Execution

Key features:
- 34 Steam Pits in 12 Days
- Confined Space Monitoring
- High Heat
- Removal of Flood Waters
- Coordination of Work
Case Studies

*Cost-effective Improvement to Traditional Insulation*

**CERAMIC-BASED, LIQUID APPLIED INSULATION**
- Rapid Application
- Faster schedule
- Lower Costs

**Environmental Benefits**
- Elimination fibrous insulation
- Elimination of mold growth

**Elimination of Corrosion & Condensation**
Allows for visual inspection of process equipment, duct, pipe and valves.

Conventional insulation prevents visual inspection, due to jackets and wraps.
Case Studies

Power Generation

Energy-Savings & Safety – Sprayable, Ceramic Insulation

Client: Georgia Power

Role: Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features: 14 Boiler Feed Pumps Difficult to Insulate Traditionally Innovative Solution Risk of Burn High Heat
Case Studies

Commercial – Facilities Maintenance

Exterior Walls
Pressure Cleaning

Client:
Metro Atlanta Chamber of Commerce

Role:
Cost Analysis, Scheduling, and Project Execution

Key features:
Pressure Cleaning, Painting, Roof Leak Abatement
Case Studies

Food & Beverage

Facility Maintenance –
Multiple Disciplines

Client:
Anheuser-Busch
Cartersville Brewery

Role:
Cost Analysis, Scheduling, and
Project Execution

Key features:
Pressure wash > 1 million s.f.
Painting/Protective Coatings
Resinous Floors
Insulation
General Construction
Office Renovation
Lighting Optimization
Case Studies

Sports Entertainment – New Construction

Concessions & Lavatories - Resinous Floors & Integral Cove Base

Client: Georgia Dome

Role: Cost Analysis, Scheduling, and Project Execution

Key features: Coordinated with three GCs No Weather or Climate Control
Case Studies
Food & Beverage – New Construction

Plant-Wide Protective Coatings

Client: General Mills Covington Plant
Role: Cost Analysis, Scheduling, and Project Execution
Key features: 5 year warranty 10 years . . . Zero defects
Case Studies

*Museum – Specialty Flooring*

Modern, High-End Space

Client:
MODA
Museum Of Design – Atlanta

Role:
Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features:
Occupied Space
High Performance Coating
Case Studies

Education

Hardscapes

Client:
Georgia Tech

Role:
Cost Analysis, Scheduling, and Project Execution

Key features:
Demolition of Existing Large Staircase, Poured Walls, Sidewalks
Case Studies

*Education*

Site Walls, Stairs & Footings

**Client:**
Georgia Tech
Tennis Center

**Role:**
Cost Analysis, Scheduling, and Project Execution

**Key features:**
Staircase, Poured Walls, Sidewalks
Case Studies

*Education*

Site Walls, Stairs & Footings

Client: Georgia State University
Div 1 Beach Volleyball Courts

Role: Cost Analysis, Scheduling, and Project Execution

Key features: First of its kind facility, Large Staircase, Poured Walls, Sidewalks
Blind-Side Site Wall & Footing

Client:
North Point Mall
AMC Theater

Role:
Cost Analysis, Scheduling, and Project Execution

Key features:
18’ tall, blind-side wall
7 day schedule
Case Studies

Manufacturing – Global

Facility-Wide Protective Coatings

Client: YKK Dublin Facility

Role: Cost Analysis, Scheduling, and Project Execution

Key features:
5 year warranty
12 years . . . Zero defects
Case Studies

Water Treatment

Equalization Basin

Client:
City of Gainesville
Water Treatment Facility

Role:
Cost Analysis, Scheduling, and Project Execution

Key features:
Demolition Equip. & Concrete, Concrete Restoration, New Concrete,
Manhole Restoration

Client: Cobb County, Georgia

Role: Specification Development, Cost Analysis, Scheduling, and Project Execution

Key features: Concrete Restoration, Specialty Grout, Chemical-Resistant, Structural Polyurea