

## Municipal Project Experience

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**Innovative Engineering Inc (IEI)** has a proven track record of performance providing structural engineering and design services for municipal projects. We offer innovative design solutions using leading-edge design and analysis techniques, codes and software to meet these challenges. Examples of our experience performing services for municipal clients including State and Local Governments are presented below.



City of Kennesaw Courthouse  
8,000 sf Courthouse Addition and Police Jail Renovation

### City of Kennesaw

**Courthouse Renovation & Addition, City of Kennesaw, Kennesaw, GA.** Two story 8,800 SF structural steel and light gauge metal courthouse addition with bell tower

### City of Acworth

**Acworth City Hall Renovation and Addition, City of Acworth, Acworth, GA.**  
Structural design of the steel frame for the renovation and addition of 16,500 SF to city hall.

### City of Atlanta

**Benteen Elementary School, Renovation and Addition, City of Atlanta, Atlanta, GA.**  
Renovation and a 26,500 SF addition to this elementary school. Structural design included the steel frame and load bearing masonry walls.

### Cobb County

**Cobb County Service Center, Cobb County, GA.**  
Structural design of two 21,000 SF single story masonry, metal and wood frame buildings housing a community center, a two-bay fire station and police department.

**The Extension, Cobb County, GA.**  
Structural design of a two story 7,600 SF wood frame dormitory with center atrium.

**Center for Cobb Family Resources, Marietta, GA.**  
Redesign of a 62,000 SF facility including a new façade, two-story entrance rotunda, a day-care center and playground, administrative offices, and intake facility. The Center also contained a large Banquet Hall consisting of a Main Ballroom and additional classrooms. In addition to minor building additions the structural design enabled the building to be salvaged and modified for a new LEED designed occupancy. *This project won the Design-Bid-Build Renovation \$20-\$50 Million category of the Build Georgia Award for Best in Construction as featured in the May 12-18, 2006 Special Section of the Atlanta Business Chronicle.*



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### Coweta County

#### **Coweta County Multipurpose Building/Gymnasium, Newnan, GA.**

Structural design of 12,300 SF metal building.

#### **Pine Road Equestrian Center, Coweta County, GA.**

Structural design of a reinforced concrete retaining wall for this equestrian center.

**Harriet Alexander Arts Center, Newnan, GA.** Retaining Wall Failure Investigation.



### State of Georgia

#### **The Capitol Education Center, State of Georgia, Atlanta, GA.**

Structural design of the light gauge metal facility has three rooms for meetings, trainings, workshops and special events. The auditorium is located on the second floor and spans 4,720-SF. with seating capacity for 292 persons. The curved stage is approximately 36' wide x 11' deep, front center.

#### **Lee Arrendale State Prison, HVAC Modifications, State of Georgia, Alto, GA.**

Roof top HVAC unit structural stabilization for this existing 4-story maximum security, campus-style prison, an air conditioning addition to the Visitation Building, and an air conditioning system replacement and upgrade to the administrative offices.

#### **Lee Arrendale State Prison, Special Management Unit, State of Georgia, Alto, GA.**

Field investigation and renovation of the maximum security, special management unit of an occupied housing unit located on the interior of a campus style prison. The existing building contains two housing wings, 3 floors, and 240 cells.

### City of Rome

#### **Big Dry Creek Pump Station, City of Rome, Rome, GA.**

Structural design of a 50 ft long X 18 ft wide X 40 ft buried reinforced concrete Main Pump Station. Project included design for a jib crane, as well as aluminum hatch, grating and stair. Applicable codes: 1994 SBC with 1995 Georgia Amendments; ACI 350 Concrete Sanitary Engineering Structures; and Aluminum Design Manual, Sixth Edition.

#### **Oostanaula Trail Levee Pedestrian Bridge City of Rome, GA.**

Structural design of a 16 ft clear span structural steel and concrete deck bridge.



*Example Pumping Station*

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### City of Gainesville

Lee Gilmer Memorial Airport, Hangar  
Foundation Design, Gainesville, GA

### City of Cartersville

Water Treatment Plant Expansion  
City of Cartersville, GA.

Structural design for the expansion of Water  
Treatment Plant and Water Pollution Control Plant  
for the City of Cartersville.



### Dekalb County

Water Treatment Plant Expansion,  
Dekalb County, Georgia



*Dekalb County Water Treatment Plant*

### For More Information Contact Our Offices

Scott L. Weiland, PE  
Stephanie Moss  
770.517.5507. Voice  
770.517.5508. Fax