

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REST AREA

Interstate 81, Cortland County

Owner: New York State Department of Transportation

Contact: Mr. Stan Birchenough, (607) 756-7072

Budget: \$25 Million: Total Construction, \$810,765: MEP only

Completed: 2005

Key Design Elements:

- ◆ *New Construction Design*
- ◆ *Scoping*
- ◆ *Final Construction Documents*
- ◆ *Design for Public Spaces*
- ◆ *ADA Design*
- ◆ *Full HVAC, Plumbing, and Electrical Systems*
- ◆ *Fire Alarm Systems*
- ◆ *Exterior Site Lighting and Light Protection Design*



PREBLE, NY — Plumb Engineering, P.C. was contracted by the New York State Department of Transportation to provide project design for a new rest area on Interstate 81. The firm was responsible for preliminary scoping, preliminary design, and final building engineering services design.

Because the rest area is an important public space for travelers, Plumb prepared final contract documents that conformed fully to the Americans with Disabilities Act guidelines, including:

- Building to house a comfort station
- Tourist information space
- Interior lobby and vending space
- Operation and mechanical space

The 8500 square foot rest area and accompanying information center was appropriately sized to accommodate the needs of the traveling public at large as well as the tourist traveler seeking area and statewide information. The design also accommodates a New York State Police interstate highway patrol office.

The Mechanical Design featured:

- Central air handling systems for heating, cooling, and ventilation
- Heating and fuel oil storage/distribution systems
- In-slab radiant floor heating system
- Domestic water distribution
- Sanitary and storm waste system

The Electrical Design featured:

- Emergency power generation
- Interior lighting
- Power, data, and telephone distribution systems
- Full, code compliant fire alarm system
- Site lighting and power distribution
- Lighting protection systems

Plumb Engineering, P.C. provided similar services for four other new rest areas in New York State, all of which are currently fully operational and meeting the needs of the travelers they serve.



Above: The design is fully compliant with ADA

Below: Plumb performed similar work for four additional rest stops.



NEW YORK ALBANY SYRACUSE

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