



# GOOD SAMARITAN HOSPITAL

## Pediatric Emergency Room

### CHALLENGE

- Quickly open separate ER for only certified Level 2 Pediatric Trauma Center on the south shore of Long Island
- Avoid disrupting intake area of existing ER during construction
- Dense urban setting with very limited space for laydown
- COVID-19 daily cases in NY soared to +35,000 by the completion deadline

### SOLUTION

- Simultaneous off-site construction and site development cut weeks off original schedule
- 85% completed off-site, including medical gas outlets, floor-to-ceiling glass doors, firesafe walls, pneumatic drug delivery system, etc.
- Met fire and healthcare codes, complied with CDC and state COVID regulations

### SUCCESS

- Ready 3 weeks earlier than original aggressive schedule
- Final "punch through" to shared intake area took just days instead of weeks
- Preserved 165 parking spots and avoided months of dirt, dust and disruption
- 1,800 fewer site visits by construction crews during pandemic surge in NY



In just 90 days—from the start of structural steel work to delivery—MODLOGIQ manufactured and Axis Construction finished site development for the new Pediatric Emergency Room wing at Good Samaritan Hospital. Installation took less than 2 days and finish work, including MEP and HVAC connections, was completed for opening 2 months ahead of schedule—during the pandemic!

The ER expansion features structural steel beams, poured concrete floors, and a brick exterior facade housing 10 patient rooms and two isolation rooms plus nurses station, on-call rooms, clean rooms, consulting rooms, visitor restrooms, and more.

Thanks to our "Build Together" process, about 85% of work was completed at the MODLOGIQ plant. Patient rooms were finished to a high degree, including fully-installed medical gas systems in head walls, floor-to-ceiling glass doors, A-rating firesafe walls, electrical and lighting, flooring, and even paint. Despite all the challenges, the project came in early and on budget.

*"Once the pandemic hit, it created an even bigger need to have private, dedicated rooms for children who need emergency care, so the project was sped up."*

**Dr. Christopher Raio, Chairman of Emergency Medicine**



# GOOD SAMARITAN HOSPITAL

## Pediatric Emergency Room

### TIMELINE

11 weeks

### SIZE

7,000 SF

### LOCATION

West Islip, NY

### BUILDING PARTNER

Axis Construction