



IPC PRECAST IS THE RIGHT PRESCRIPTION IN THE CONSTRUCTION OF MEDICAL FACILITIES



Covenant Medical Center, **Waterloo, Iowa**



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DES MOINES, IA – IPC, a leader in pre-fabricated concrete products and materials continues to lead the way in the construction of hospitals, clinics and medical facilities.

Many architects, developers, owners and contractors are looking to precast as an excellent alternative to the traditional steel or cast-in-place hospital construction. Cost effectiveness, ease of installation that improves construction schedules, on site safety, and the expanding range of colors, textures and styles are just some of the reasons why pre-cast has become a viable alternative.

“We used IPC for one of our most unique hospital builds,” said Mark Hasek, senior vice president of Graham Construction in Des Moines, Iowa, and contractor for the Covenant Medical Center in Waterloo, Iowa. “Covenant Medical Center is a five story (the first two stories include a parking garage) total frame construction. It is the first medical facility that we used precast for the whole structure.”

“We chose IPC precast over traditional steel because of cost savings, ease of installation, and the safety factor that precast brings to a project,” Hasek went on to say. “Not only was the entire shell structure completed in precast, but we even used precast stairs and stairwells that IPC constructed for us off site. They were then put in floor by floor in the construction process as opposed to the usual, more time consuming steel pan method of pouring stairs. IPC helped make the construction of Covenant Medical Center, from design drawings right through the erection process, a smooth, one-stop shopping, total turn-key operation for us.”

Another unique feature of the Covenant Medical Center is IPC’s use of integrating thin brick into the precast. This innovative method saves time and money over conventional field-applied brick and produces a superior structure. There is no faster way to install brick on a building than with thin brick wall panels.

Other advantages of using thin brick over conventional masonry are:

- Structural and aesthetic value
- Colored concrete and a wide variety of finish options offer design flexibility
- Simplified engineering
- No flashing, lintels or weep cavities
- No efflorescence
- Reduced construction time
- No sand, mortar or mixers on site



Burlington Hospital, **Burlington, Iowa**



Davenport Clinic and Digestive Disease Center,
Davenport, **Iowa**



Among the many other Iowa medical facilities that IPC has been involved in include the Burlington Hospital in Burlington, the Davenport Clinic and Digestive Disease Center in Davenport and Iowa Methodist Medical Center in Des Moines.

“Our precast architectural wall panels and cladding are manufactured under rigorously controlled conditions providing consistent strength, aesthetics and time availability,” said Dan Doran, manager, sales and marketing for IPC. “And because concrete is inherently fire resistant, will not produce smoke or toxic gasses, and has high thermal mass, IPC precast can help lower insurance and energy costs.”

Medical facilities using IPC precast also benefit from IPC continued commitment to sustainable green design. Because of its off-site fabrication, IPC precast minimizes noise, construction waste and jobsite traffic, thus reducing pollution for a healthier environment. IPC’s raw materials are harvested locally, utilize recycled content when appropriate and serve the marketplace in a cost efficient, energy efficient manner.

“Precast is becoming a great alternative in the construction of medical facilities,” says Dirk McClure, regional sales manager for IPC and a LEED® Accredited Professional. “Precast provides strength, durability and a wide variety of finish options that offers design flexibility. Its all-weather construction gives contractors additional speed and economy in the construction process that assures more reliable schedules that can often prevent costly budget overruns.”

In the design and construction of medical facilities, precast is a viable option that architects, developers, owners and contractors are using as a means of assuring a safe, secure, cost efficient, energy efficient structure that is fire resistant, strong and durable and offers a wide range of textures, colors and styles that cannot be achieved with any other materials.

“We have had great results and great success working with IPC,” said Hasek. “Precast has become a viable option for us not only in the construction of medical facilities, but also, in the construction of many other projects that Graham is involved in.”

For more information on IPC products, material and projects, call
call **515-243-5118**, toll free **1-800-826-0464**
or visit **www.ipcprecast.com**

ABOUT IPC

Founded in 1956, IPC is a wholly owned subsidiary of Cretex Corporation, a privately held company based in Elk River, Minnesota. Cretex employs approximately 2000 people in numerous locations across the Midwest, including Des Moines, Iowa with plants in Des Moines, Iowa Falls and Burlington, Iowa. IPC continually seeks innovative and economical solutions. Working with owners, architects, engineers, builders, contractors and developers, IPC creates products which lend distinctive quality to building solutions.

