



Case Study Questionnaire

Date: December 21, 2010

Submitted by: David Collins
Jennifer Banks

WHAT *(Project name and description. Please include square footage, cost, materials or systems being highlighted)*

Carmel Performing Arts Center

179,509 Square Feet Floor Area

70,615 Square Feet Wall Area

Complete Masonry's scope of work was interior Concrete Masonry Units

Hagerman Construction Corporation's scope of work was exterior Stone (Limestone and Granite); the contract was worth \$7.2 Million

Purdy Masonry's scope of work was the exterior Concrete Masonry Units; originally the contract was for \$1.45 Million, increased to \$2.1 Million; had 50 workers on the project.

WHO *(include all contractors, designers/owners, BAC Locals, etc., {e.g. Golden Trowel}) Be sure to include contact information in case we need additional quotes)*

Complete Masonry – Dean DeMuyt – 765-759-8966

Hagerman Construction – Evan Sutton – 317-577-6836

Purdy Masonry – Don Purdy – 317-769-4673

WHERE

Carmel Performing Arts Center
355 City Center Drive Carmel, IN 46032

WHEN *(Construction period, completion date)*

Complete Masonry's start date was August of 2008, substantial completion was November 2009.

Hagerman started April 2008, substantial completion was June 2009.

Purdy Masonry started in November 2008 and originally completed in May 2009, due to the structural steel collapse, the job was completed in October 2009.

WHY *(What did this project demonstrate, or what was different about it)*

Complete Masonry – Dean DeMuyt stated some of the issues encountered were a very tight sight, all block were filled solid with grout so getting materials on various floor elevations that did not connect to each other was a challenge this was a very complex and compact job for all trades involved.

Hagerman – Evan Sutton stated the intricacies of the stone were somewhat of a difficulty. In size, the stone had 6' deep cornices and had big radiuses, so it was difficult to maneuver. They had to figure how to rig the stone/anchoring. The stone cleaning was also a concern, eventually they chose to power-wash the stone and the results were successful.

Purdy – According to Don Purdy, the original plan was to be completed in May 2009. Due to a structural steel collapse, the completion date was November of 2009 because Purdy Masonry had to pull apart and redo the work. The work grouted up solid and there was rebar everywhere.

IMI CONNECTION *(How did IMI contribute to the success of this project?)*

David Collins visited the jobsite a number of times to observe the progress of the project. David also visited the individual signatory contractors to answer technical questions and review specifications as well as provided training to each of the signatory contractors.

Complete Masonry has attended many of our training courses, with the most recent being our Sustainable Masonry Certification Program in June 2010.

David worked with Hagerman on training for stone received at the John J. Flynn BAC/IMI International Training Center. Hagerman also attended Jahn Training and the IMI Sustainable Masonry Certification Program in June 2010, and upgrade training. David visited the jobsite a number of times to assist with communication with the engineers, the cleaning of the stone as well as the stone anchoring and release angles.

David visited the project after the rebuild to inspect the work. Purdy has attended many of our training courses, with the most recent being our Sustainable Masonry Certification Program in June 2010.

PHOTOS *(Please submit top five photos with captions)*



