

## CASE STUDY

# U.S. Steel

## Automotive Maintenance

### LOCATION

**Braddock, PA**

### MARKET SECTOR

**Automotive**

### APPLICATION

**Maintenance**

### SIZE

**110 ft x 500 ft  
(55,000 sq ft)**

### FRAME FINISH

**EpoxiShield™ Standard**

### FABRIC

**ExxoTec™ Elite PVC fabric**

### SPECIAL FEATURES

**97-ft roof peak**

### INSTALLATION

**Legacy in-house crews**



When U.S. Steel agreed to have us design and create a new maintenance building for them, we thought it might be a big deal. We were not disappointed.

The U.S. Steel facility has the highest roof peak we've ever constructed at 97 feet. The walls, too, are the tallest we've constructed at 74 feet. At 110 feet by 500 feet, the building itself is somewhat large, but it's the height that gets the attention. Jason Berzansky, project manager at U.S. Steel, says that the building is quite prominent. "In fact, our plant sits in a valley. If you're up on top of the valley, the structure stands out." The maintenance building is located in Braddock, PA.

The new maintenance building has been constructed in the footprint of the old maintenance building. Legacy customizes all of our customers' structures, so fitting a structure into an established footprint is something we do best.



## ➤ HEIGHT

“We needed a structure this big to be able to do maintenance inside, and we needed something we could erect quickly and meet all our requirements” said Berzansky. That’s what led his company to Legacy. This building would house a massive gantry crane. This required a lot of clearance. Legacy’s use of solid steel I-beams allows us to engineer frames that can support extra equipment such as conveyors, catwalks, HVAC systems and, cranes.

Berzansky said he looked at other fabric structure companies, but the others couldn’t deliver the roof he needed. “Legacy was one of the only companies that could construct to that height,” he said.

## ➤ SCHEDULE

In addition to needing a big structure, U.S. Steel also needed it fast. Berzansky explained “The other thing that really drove this is the schedule. We had to have this building erected within a few months and Legacy provided that guarantee—that they would get it up in the schedule we presented. They certainly met the schedule.

Legacy is known for their experienced in-house crews. The ability to utilize their own employees

empowers them to not only do it right the first time but to also stay at the customer’s pace.

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## ➤ NATURAL LIGHT

The white fabric cladding on Legacy’s buildings is 12% translucent, so it lets in a great deal of natural light through the roof and walls. It not only makes the workspace inside well lit, it also creates an uplifting and pleasant environment. Berzansky said, “The natural light is very good, especially on sunny days.”

In terms of cost savings, a naturally lit workplace also cuts down on energy costs.

U.S. Steel was a big project for Legacy in a lot of ways. We are proud we could meet their requirements for a tall building outfitted with a heavy crane in the allotted space. In addition, installing it on their timeline was gratifying.