The walkway cross section detail on Plan Sheet 2 provides the dimensions of the walkway. The clear inside dimension of 41 inches was chosen to allow one to install a handrail and still meet the 36-inch clearance required by ADA, and 41 inches is too narrow for snowmobiles and some all-terrain vehicles. The Appalachian Trail and this bridge is for foot traffic only. The guardrail system is 42 inches tall as required by BOCA®. The 7-foot, 3-inch headroom clearance is sufficient for most hikers, even those with tall extended toploaded backpacks. If one is designing a bridge for a multipurpose trail, be it mountain bikes, equestrian, or snowmobile use, these dimensions would have to be modified.

As indicated in photos 41-50, the entire bridge walkway, including the joint connections between each section, was prefabricated and assembled in the Wawayanda State Park maintenance yard. The structural integrity of the bridge sections was tested when they were dragged across the parking lot by backhoes. As shown in photo 46, the bridge walkway was set to the 3.5 percent camber it would assume in the air using car jacks in order to layout the joints for the center section. The bridge walkway sections were then loaded on trucks and delivered to the bridge site as indicated in photo 50. By this time it was October, and the hurricane season had commenced; site access had begun to deteriorate significantly.

**The Project “Comes Together”**

Many of the project volunteers found prefabrication of the walkway to be the most rewarding part of the project. At 8:00 a.m. on September 24, 1995, 27 Trail Conference volunteers met at Wawayanda State Park. The #1 SYP CCA.40 KDAT 19% MC lumber was still in shipping bundles. Not a single volunteer knew the extent of the task before them. The project engineer explained the “big picture” and “micro-details.” His explanations were met with glazed eyes and looks of disbelief. Specific tasks were given and work commenced. All of the volunteers were busy 110 percent of the time. Mr. Gene Bove, Mr. Tom Haas, and Mr. Rudy Haas are three professional carpenters from Vernon Township, New Jersey, who volunteered their time to help. Their professional knowledge helped streamline the carpentry tasks. By the end of the day, all 648 pieces of the bridge walkway were measured, cut, and drilled, and the first 20-foot section, as indicated in photo 43, was assembled. The volunteer work crew started to understand the big picture. The total of 400 person hours were required to prefabricate the truss walkway of the bridge. All components, with the exception of the metal Simpson connectors, were either bolted or screwed. This takes significantly more time than power nailing, but resulted in a superior and more durable end product.

**Bridge Walkway Camber**

As previously discussed and indicated on the plans and photographs, the bridge walkway has a 3.5 percent camber. While the camber does much for the visual aesthetics of the bridge, its first purpose is for practical reasons. The minimum recommended camber is 0.67 percent of the span. This is not noticeable by eye; the