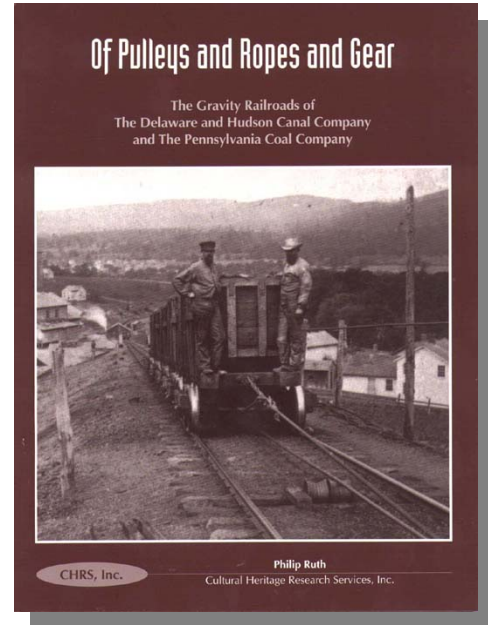


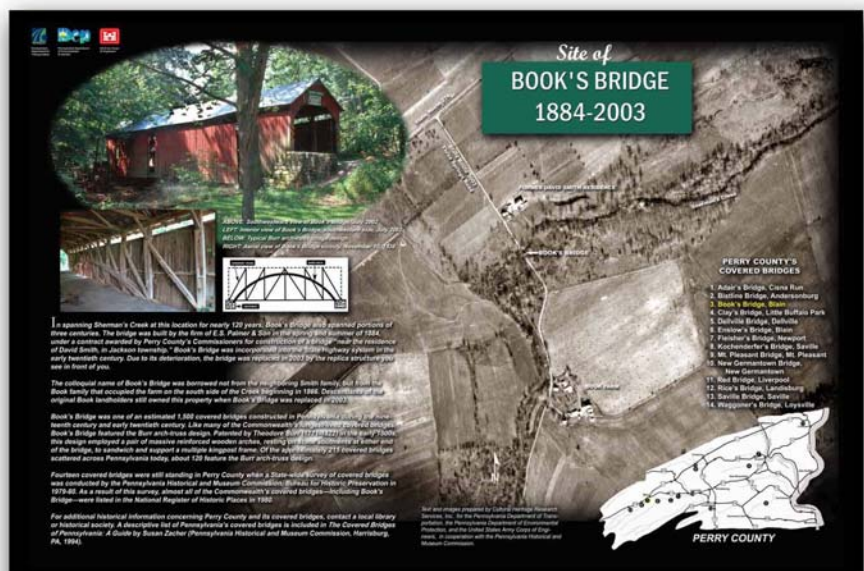
# SOME RESEARCH DIVISION PROJECTS AND PRODUCTS

**Lackawanna Valley Industrial Highway (now the Robert P. Casey Highway), Lackawanna County, Pennsylvania.** In 1988, CHRS personnel began conducting cultural resources research in northeastern Pennsylvania's Lackawanna County during a preliminary phase in the construction of the Lackawanna Valley Industrial Highway (LVIH). CHRS surveys revealed that the proposed highway alignment intersected at three locations the former roadbed of the Delaware and Hudson Canal Company's gravity railroad, a resource eligible for listing in the National Register of Historic Places. PENNDOT and CHRS personnel, in consultation with the Pennsylvania Historical and Museum Commission, developed a mitigation strategy which included a relatively novel approach to the production of materials suited to varying levels of public interest. The "creative mitigation"

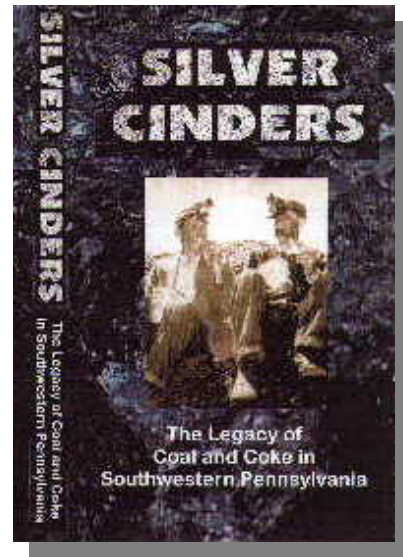


components which CHRS subsequently produced through extensive documentary, photographic, and oral research included a brochure, a 30-minute video documentary entitled *The Gravity: The Story of the Delaware and Hudson Canal Company's Gravity Railroad*, and an 80-page companion illustrated history book entitled *Of Pulleys and Ropes and Gear: The Gravity Railroads of the Delaware and Hudson Canal Company and The Pennsylvania Coal Company*. The book has since been re-published by the Wayne County Historical Society, and the National Park Service makes the video documentary available to retailers across the region.

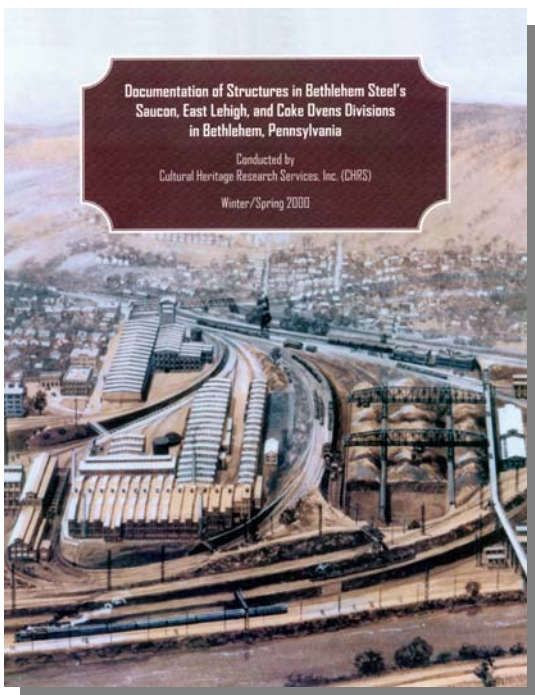
**Book's Covered Bridge Replacement Project, Perry County, Pennsylvania.** As part of a strategy devised to mitigate the effects of replacing the Book's Covered Bridge with a modern replica, CHRS created a 36" x 24" interpretive panel for installation beside the replacement bridge. Through photographs, a map, a diagram, and text, the panel conveyed the history of Book's Bridge within the context of Perry County's covered bridge heritage.



**Abandoned Mine Reclamation Projects, Westmoreland and Fayette Counties, Pennsylvania.** In lieu of repetitious Historic American Engineering Record recordings of numerous mine reclamation sites in southwestern Pennsylvania, the Department of Environmental Protection's Bureau of Abandoned Mine Reclamation contracted CHRS to produce a 60-minute video history of southwestern Pennsylvania's coal and coke industries. CHRS conducted this work and released the documentary—entitled *Silver Cinders: The Legacy of Coal and Coke in Southwestern Pennsylvania*—for private and commercial use in February 2000. Because this documentary so effectively satisfied a pressing need for public education on this subject, it is being widely promoted and distributed by the Coal and Coke Heritage Center on Penn State's Fayette Campus.



**Mon-Fayette Transportation Project (Uniontown to Brownsville), Fayette and Washington Counties, Pennsylvania.** As part of a Phase IA Historic Archaeological Survey of a 14-mile corridor potentially impacted by construction of the Mon-Fayette Expressway, CHRS's Research Division collected and evaluated data derived from historic maps, road docket, bridge docket, land warrant records, deed records, tax records, population census records, agricultural census records, archival newspapers, historic aerial photographs, historic photographs and illustrations, and genealogical records. The analysis of this data enabled the researchers to identify areas of historic archaeological potential, and to assist in devising an effective archaeological field testing strategy.

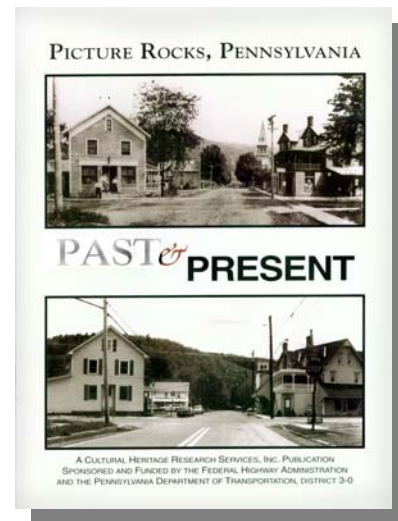


**Bethlehem Works Project, Bethlehem, Pennsylvania.** Prior to the commencement of site work and demolition of historic buildings on Bethlehem Steel's 1,963-acre Lehigh Valley campus in the spring of 2000, CHRS personnel photographically documented the buildings inside and out. Ninety of the most representational images were printed as 8" x 10" photographs for inclusion in CHRS's report, entitled *Documentation of Structures in Bethlehem Steel's Saucon, East Lehigh, and Coke Ovens Divisions in Bethlehem, Pennsylvania*. Accompanying the photographs in this report were extensive captions, photo-location maps, a history of the project, and histories of each of the documented divisions. Copies of the report are housed in the Pennsylvania State Archives and the National Canal Museum.



**Shohola/Barryville Bridge Project, Pike County, Pennsylvania.** Mitigation products prepared by CHRS in association with the Phase III (data recovery) archaeological survey for this project included a portable exhibit (at left), a wall-mounted display, two interpretive panels, and a brochure. The portable exhibit, titled “Uncovering a Record in the Riverside,” utilized historic and modern maps, historic and modern aerial photographs, color images, charts, reprinted newspaper articles, and approximately 30 prehistoric and historic artifacts to explain the project to area residents, to give them an opportunity to inspect the most well-preserved and evocative of the recovered artifacts, and to convey to them the significance of the survey’s results.

**U.S. 220, Section 007 Improvement Project, Picture Rocks Borough, Lycoming County, Pennsylvania.** “Creative mitigation” of the effects of this project on the Picture Rocks Historic District included a public display and companion publication featuring 20 historic photographs of village scenes presented alongside modern photographs taken from identical vantage points. In the “Past & Present” exhibit, pairs of 8" x 10" photographs were mounted on panels at eye-level to permit extremely close comparison. The same pairs of historic and modern photographs were reproduced as 4" x 5" images side-by-side in the 28-page booklet *Past & Present*, along with extended captions, an explanation of the project, and a photo-location map.



**Lehigh Canal Lock 22, Walnutport, Pennsylvania.** In 1998, the Walnutport Canal Association completed the restoration of Lehigh Canal Lock 22 in Walnutport. CHRS researchers contributed to this effort through the collection, evaluation, and submission of historical data pertaining to techniques and materials used in the construction, enlargement, and maintenance of Lock 22 over the course of its 113 years of operation. CHRS personnel worked closely with the restorers to ensure that the appointments of the restored lock were consistent with the targeted period-of-significance.