

Volume 1: National Register Eligibility Results – Addendum

Appendix C. List of Master Engineers, Designers, Fabricators, and Builders (updated August 2009)

Introduction

This appendix identifies master engineers, designers, fabricators, and builders as determined through historic context research, Dr. Cooper's books, and information learned during field survey.

Individuals and firms on the list of master engineers, designers, fabricators, and builders are recognized in the field of bridge building or design. Their work is distinguishable from others by its characteristic style and quality. Bridges by these individuals and firms will receive points for work of a master when another feature, such as high artistic value or unusual feature/innovation, is also identified. Points are assigned to these bridges in the *Historic Bridge Inventory Database*.

A separate list identifies non-master engineers, designers, fabricators, and builders that are known to have worked in Indiana but whose work does not appear to be distinguishable. Therefore, no points are assigned for significance as work of a master. Points may be assigned to these individuals if additional information is learned about their importance to Indiana bridge building or design.

Table C-1
List of Master Engineers, Designers, Fabricators, and Builders

(Points are assigned as the work of a master when another feature, such as high artistic value or unusual feature/innovation, is also identified.)

Name and Location	Bridge Type or Form	Points to assign
American Bridge Company, Coraopolis, Pennsylvania	Metal truss	3
Attica Bridge Company, Attica, Indiana	Metal truss	3
Avery, William	Stone arch	3
Barker, B.F., Boone County Surveyor, Boone County, Indiana	Stone arch	3
Bellefontaine Bridge and Iron Company, Bellefontaine, Ohio	Metal trusses	3
Bergen and Bergen, ISHC	Metal bridges	
Brackett Bridge Company, Cincinnati, Ohio	Metal truss	3
Britton, J.A. and Sons, Parke County, Indiana	Timber-covered bridges	3
Brookville Bridge Co., Ohio	Metal truss	
Burk Construction Company	Metal bridges Concrete bridges	3
Butts, William H., Franklin County	Timber-covered bridges	3
Caldwell and Drake	Metal truss	3
Canton Bridge Co., Canton, Ohio	Metal truss	3
Central States Bridge Company, Indianapolis	Metal truss	4
Chicago Bridge and Iron Co.	Metal	3
Cole, C.W., City Engineer, Mishawaka, Indiana	Concrete bridges	3
Concrete-Steel Engineering Co., New York	Concrete bridges	3
Craig, James W.	Stone arch	3
Daniels, J.J., Parke County, Indiana	Timber-covered bridges	3
Degolyer and Stegner	Stone arch	3
East St. Louis Bridge Co., East St. Louis, Illinois	Metal truss	3
Eck, Theodore Sr., and Charles Ridout	Stone arch	3
Eck, Theodore, Jr.	Stone arch	3
Elkhart Bridge and Iron Company	Metal truss	4
Fife, William J.	Stone arch	3
Grosvenor, A.W., engineer, Fort Wayne, Indiana	Concrete bridges	3
Hammond, A.J., City Engineer, South Bend, Indiana	Concrete bridges	3
Howe, Malverd, engineer, Terre Haute, Indiana	Metal and concrete bridges	3
Indiana Bridge Company, Muncie, Indiana	Metal truss	4
Indianapolis Bridge Company, Indianapolis, Indiana	Metal truss	4
International Steel and Iron Company, Evansville, Indiana	Metal truss	3
Jarrell, E.G., Muncie, Indiana	Metal truss	3
Kennedy, A.M. and Family, Rush County, Indiana	Timber-covered bridges	3
Kessler, George, landscape architect and bridge designer	Concrete arch bridges	4

Table C-1**List of Master Engineers, Designers, Fabricators, and Builders**

(Points are assigned as the work of a master when another feature, such as high artistic value or unusual feature/innovation, is also identified.)

Name and Location	Bridge Type or Form	Points to assign
King Iron Bridge and Manufacturing Company, Cleveland, Ohio	Metal truss	3
Klausmann, Henry W., County Surveyor, Marion County, Indiana	Stone and concrete bridges	3
Klosterkemper and Rohlfing	Stone arch	3
Lafayette Bridge Company, Lafayette, Indiana	Metal truss	3
Luten, Daniel B., Lafayette, Indiana	Concrete bridges	4
M and P Construction	Concrete bridges	3
Massillon Bridge Company, Massillon, Ohio	Timber-covered bridges and metal trusses	3
McAnlis, C., City Engineer, Fort Wayne, Indiana	Concrete bridges	3
Miller, Charles W., Jennings County	Stone arch	3
Milwaukee Bridge and Iron Works	Metal	3
Moore, William S., City Engineer, South Bend, Indiana; ISHC Chief Engineer, Indianapolis, Indiana	Concrete bridges	3
National Bridge Company, Lafayette, Indiana and Los Angeles, California	Concrete bridges	4
National Concrete Company, Indianapolis, Indiana	Concrete bridges	4
New Castle Bridge Company, New Castle, Indiana	Metal truss	3
Notter, George M., Worthington	Metal truss	3
O'Conner, John C.	Stone arch	3
Pan-American Bridge Company, New Castle, Indiana	Metal truss and metal beam	3
Rights, W.H., City Engineer, ISHC Assistant Engineer, Columbus, Indiana	Concrete bridges	3
Rochester Bridge Company, Rochester, Indiana	Metal truss	3
Scherzer, William	Moveable	4
Scherzer Rolling Lift Bridge Company		
Schutt, R.L. ISHC	Metal bridges	3
Sheehan, G.	Concrete bridges	3
Smith Bridge Company, Toledo, Ohio	Timber-covered bridge, composite truss, and metal truss	3
Smith, E.F. (may also appear as I.E. Smith)	Concrete bridges	3
Smith, Robert W., Toledo, Ohio	Timber-covered bridges	3
Toledo Bridge Company, Toledo, Ohio	Metal truss	3
Vanfossan, J.P., Parke County	Concrete bridges Timber bridges	3

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List of Master Engineers, Designers, Fabricators, and Builders

(Points are assigned as the work of a master when another feature, such as high artistic value or unusual feature/innovation, is also identified.)

Name and Location	Bridge Type or Form	Points to assign
Vincennes Bridge Company, Vincennes, Indiana	Metal truss	3
Wabash Bridge and Iron Works, Wabash, Indiana	Metal truss	4
Washer, William T., Cannelton, Indiana	Timber-covered bridges	3
Western Bridge Works, Fort Wayne, Indiana	Iron truss	4
Wheelock, Alpheus and Associates, Auburn, Indiana (related to Western Bridge Co.)	Timber-covered and metal bridges	3
Wolf, Aaron and Henry, Putnam County, Indiana	Timber-covered bridges	3
Wrought Iron Bridge Company, Canton, Ohio	Metal truss, Metal arch	4
Yater, Clyde R.	Stone arch	3
Youngstown Bridge Co.; Morse Bridge Co., Youngstown, Ohio	Metal	3

Table C-2**List of Non-master Engineers, Designers, Fabricators, and Builders**

(No points are currently assigned. Points may be assigned if additional information is learned that identifies their work as distinguishable.)

Name and Location	Bridge Type or Form
American Construction Company	Concrete bridges
Anderson, H.C.- designer	Concrete bridges
Bergen and Bergen	Metal bridges
Brackett Bridge Company, Cincinnati, Ohio	Metal bridges
Brookville Bridge Co., Ohio	Metal truss
CCC and St. Louis Railroad	Concrete bridges
CCC, Indiana	Timber, stone, and concrete bridges
Cleveland Bridge and Iron Co.	Metal truss
Columbia Bridge Works, Dayton, Ohio	Metal truss
Columbus Bridge Co., Columbus, Ohio	Metal
Durfee, Josiah, Noblesville, Indiana	Timber-covered bridges
Gast, E.A., City Engineer, Cincinnati, Ohio	Concrete arch bridge
Grammar, W. H. and Son	Concrete bridges
Hackedorn Construction Co.	Concrete bridges
Hardman, Thomas A., Ripley County, Indiana	Timber-covered bridges
Harmen/Herman, Henry	Stone arch
Hardy, Frank Y., ISHC Bridge Engineer, Chief Bridge Engineer, Indianapolis, Indiana	Metal and concrete bridges
Illinois Central Railroad	Timber bridges
ISHC, Indianapolis, Indiana	Timber, stone, metal, and concrete bridges
Jaap, G., contractor, Fort Wayne, Indiana	Concrete bridges
Jones and Bunzendahl	Metal truss
Kellam, Fred, ISHC head of Bureau of Materials, Engineer of Design, Chief Bridge Engineer, Chief Engineer, Indianapolis, Indiana	Metal and concrete bridges
Kilborn, Hiram L., Lafayette, Indiana	Timber-covered bridges
Kress, Joseph, Montgomery County, Indiana	Timber-covered bridges and stone abutments
Maddocks, H.L.	Concrete bridges
Mathews, Joseph	Stone arch
Mueller, John W., New Castle	Concrete bridges
New Albany and Paoli Pike Company, Indiana	Timber covered bridges
Oregonia Bridge Co.; Bradbury and Spencer, Oregonia, Ohio	Metal
Severn Bachman, Floyd County	Metal truss

Table C-2

List of Non-master Engineers, Designers, Fabricators, and Builders

(No points are currently assigned. Points may be assigned if additional information is learned that identifies their work as distinguishable.)

Name and Location	Bridge Type or Form
Sission, W.L.	Concrete bridges
Tapp, H.W. Construction	Concrete bridges
Titus, William J., ISHC Chief Bridge Engineer, Indianapolis, Indiana	Metal and concrete bridges
Wabash and Erie Canal	Stone arch
William Scherzer, Scherzer Rolling Lift Bridge Company	Movable bridges
Wright, E.C., ISHC designs	Concrete bridges
Wright, James E., Ripley County	Stone arch