

BIBLIOGRAPHY

Previous Surveys

In 1988, Will County performed a survey of unincorporated rural areas, documenting approximately 4,867 structures dating from before 1945. The documentation, performed by architect Michael A. Lambert, consisted of black and white photographs and a completed information card utilizing a format established by the Illinois Historic Preservation Agency. Recorded information included the approximate age, architectural style, construction materials, noticeable additions or alterations, and overall condition of the structure. For most sites, survey data was gathered from the public right-of-way. In addition to the survey a report was prepared, "Historic Structures of Will County," dated 1991. The report examined the overall rural themes present in the county and identification of noteworthy structures.

In 1999, the Will County Land Use Department, acting as liaisons for the Will County Historic Preservation Commission, engaged Wiss, Janney, Elstner Associates, Inc. to perform an intensive survey of Wheatland, Plainfield, and Lockport Townships in northwest Will County, Illinois. In 2001, an intensive survey was performed of Du Page Township in Will County, followed by Homer Township in 2002; New Lenox Township in 2003; and Green Garden Township in 2004. The resulting reports from these surveys were used as a basis for developing this report.

Books, Articles, and Other Publications

Adelmann, Gerald W. "A Preservation History of the Illinois and Michigan Canal." In *Illinois and Michigan Canal National Heritage Corridor: A Guide to Its History and Sources*. Edited by Michael P. Conzen and Kay J. Carr. DeKalb, Illinois: Northern Illinois University Press, 1988.

Agricultural Schedules for Illinois (7th Federal Census). 1850. Record Series 951.008, Illinois State Archives.

In comparing cumulative data for Will County from the 1850 census with later census data, it should be noted that the land of Kankakee County was part of Will County until 1851.

Agricultural Schedules for Illinois (8th Federal Census). 1860. Record Series 951.009, Illinois State Archives.

Agricultural Schedules for Illinois (9th Federal Census). 1870. Record Series 951.010, Illinois State Archives.

Agricultural Schedules for Illinois (10th Federal Census). 1880. Record Series 951.011, Illinois State Archives.

Alberts, Amy D. "Athens Marble: The Rise and Fall of a Building Stone." In *Looking for Lemont: Place and People in an Illinois Canal Town*. Studies on the Illinois and Michigan Canal Corridor, no. 7. Edited by Michael P. Conzen and Carl A. Zimring. Chicago: Committee on Geographical Studies, University of Chicago, 1994.

Alvord, Clarence Walworth. *The Illinois Country: 1673–1818*. The Sesquicentennial History of Illinois, Volume One. Urbana, Illinois: University of Illinois Press, 1920.

Andreas, A.T. *History of Chicago, from the Earliest Period to the Present Time*. Three volumes. Chicago: A.T. Andreas, 1884.

Arris Architects and Planners [Michael A. Lambert, principal author]. *Dyer–Rathbun Farm, Bolingbrook, Illinois*. October 1997.

——— [Michael A. Lambert, principal author]. *A Historic Structure Assessment for the Williams Farm, New Lenox Township, Will County, Illinois*. 6 April 2001.

Auer, Michael J. *Preservation Brief 20. The Preservation of Barns*. National Park Service, Technical Preservation Services, October 1989.

- Bale, D. Andrew, editor. *A Necrology of Will County Pioneers, 1886-1890*. Wilmington, Illinois: Will/Grundy Counties Genealogical Society, 1992.
- . *A Necrology of Will County Pioneers, 1890-1897*. Wilmington, Illinois: Will/Grundy Counties Genealogical Society, 1993.
- . *A Necrology of Will County Pioneers, 1902-1907*. Wilmington, Illinois: Will/Grundy Counties Genealogical Society, 1994.
- . *A Necrology of Will County Pioneers, 1911-1921*. Wilmington, Illinois: Will/Grundy Counties Genealogical Society, 1998.
- Benedetti, Michael M. "Urban and Municipal Development, 1836-1900." In *Lockport Legacy: Themes in the Historical Geography of an Illinois Canal Town*. Edited by Michael P. Conzen and Adam R. Daniel. Chicago: University of Chicago, 1990.
- Berg, Donald J. *American Country Building Design*. New York: Sterling Publishing Co., 1997.
- Bingle, James D, compiler. *Bolingbrook Does Too Have a History*. Bolingbrook, Illinois: Bolingbrook Historical Society, n.d. [circa late 1970s].
- . *Bolingbrook Has Even More History*. Bolingbrook, Illinois: Bolingbrook Historical Society, n.d. [circa 1980].
- . *Bolingbrook Keeps Making History*. Bolingbrook, Illinois: Bolingbrook Historic Preservation Commission, n.d. [circa 1995].
- Birnbaum, Charles A. *Preservation Brief 36. Protecting Cultural Landscapes: Planning, Treatment and Management of Historic Landscapes*. National Park Service, Technical Preservation Services, September 1994.
- Blair, Emma Helen [translator and editor]. *The Indian Tribes of the Upper Mississippi Valley and Region of the Great Lakes*. 1911. Reprint, Lincoln, Nebraska: University of Nebraska Press, 1996.
- Block, Daniel Ralston. "The Development of Regional Institutions in Agriculture: The Chicago Milk Marketing Order." Ph.D. diss., University of California at Los Angeles, 1997.
- "Bolingbrook Parade Huge Success." *Bolingbrook Beacon*. 29 September 1966,
- Britt, Albert. *An America That Was: What Life Was Like on an Illinois Farm Seventy Years Ago*. Barre, Massachusetts: Barre Publishers, 1964.
- Bruce, Alfred, and Harold Sandbank. *A History of Prefabrication*. Research Study 3. Raritan, New Jersey: John B. Pierce Foundation, Housing Research Division, 1945.
- Calkins, Charles F. *The Barn as an Element in the Cultural Landscape of North America: A Bibliography*. Monticello, Illinois: Vance Bibliography, September 1979.
- Campbell, H. Colin. "Concrete Silo Construction." *Hoard's Dairyman* (21 February 1919): 200.
- Carter, Deane G. and W.A. Foster. *Farm Buildings*, 3rd ed. New York: John Wiley & Sons, 1941.
- Caton, John Dean. *Miscellanies*. Boston: Houghton, Osgood and Company, 1880.

- Chicoine, David Lyle. "Farmland Values in an Urban Fringe: An Analysis of Market Data from Will County, Illinois." Ph.D. diss., University of Illinois at Urbana-Champaign, 1979.
- The Code of Country Living*. Bloomington, Illinois: Illinois Farm Bureau, 1999.
- Clark, W.L., Moline Plow Company, to John Frazer, Lockport, Illinois. 7 April 1913. Letter contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Colton, J.H. (Joseph Hutchins). *Colton's Railroad & Township Map, Western States Compiled from the United States Surveys*. New York, 1853.
- Concrete for the Farmer*. Chicago: Universal Portland Cement Co., 1914.
- Concrete on the Dairy Farm*. N.p.: Portland Cement Association, n.d. [circa 1920s].
- Concrete Silos: A Booklet of Practical Information for the Farmer and Rural Contractor*. Chicago: Universal Portland Cement Co., 1914.
- Conzen, Michael P. "1848: The Birth of Modern Chicago." In *1848: Turning Point for Chicago, Turning Point for the Region*. Chicago: The Newberry Library, 1998.
- Cooley, Verna. "Illinois and the Underground Railroad to Canada." *Transactions of the Illinois State Historical Society* XXIII (1916).
- Coppa & Avery Consultants. *Farm Architecture: A Guide to Farmhouses and Buildings*. Monticello, Illinois: Vance Bibliography, April 1982.
- Cremin, Dennis H. "The Region in 1848: A View Down the I&M Canal Corridor." In *1848: Turning Point for Chicago, Turning Point for the Region*. Chicago: The Newberry Library, 1998.
- Cultural & Historical Preservation Plan*. Will County, Illinois: Will County Regional Planning Commission, 1976.
- Curtis, Mitchell. "Will County Settler Built 1st Steel Plow." *Chicago Daily News*, 8 May 1936. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Danckers, Ulrich, and Jane Meredith. *Early Chicago*. River Forest, Illinois: Early Chicago, Incorporated, 1999.
- Davis, James E. *Frontier Illinois*. Bloomington, Indiana: Indiana University Press, 1998.
- "Disputes Claim Made by Deeres." *Joliet Daily News*, 11 December 1912. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Doane Ideas on Farm Buildings*. St. Louis: Doane Agricultural Service, 1955.
- Doershuk, John. *Plenemuk Mound and the Archaeology of Will County*. Illinois Cultural Resources Study No. 3. Springfield, Illinois: Illinois Historic Preservation Agency, 1988.

Wiss, Janney, Elstner Associates, Inc.

- Dotson, Michael E. *In Search of the Golden Fleece: A Study of the Fur Trade in Will County, 1673–1825*. N.p.: Will County Historical Society, 1986.
- Drury, John. *This is Will County, Illinois*. The American Aerial County History Series, No. 26. Chicago: The Loree Company, 1955.
- Duddy, Edward A. *Agriculture in the Chicago Region*. Chicago: University of Chicago Press, 1929.
- Ekberg, Carl J. *French Roots in the Illinois Country: The Mississippi Frontier in Colonial Times*. Urbana, Illinois: University of Illinois Press, 1998.
- Eichelberger, Elizabeth. "Octogenarian [sic] Tells How it Used To Be in the Old Days." *Bolingbrook Beacon*. 17 November 1971, p. 6.
- Ellis, Edward Robb. *A Nation in Torment: The Great American Depression, 1929-1939*. 1970. Reprint New York: Kodansha International, 1995.
- Eulogy of Eliza Wells. 1892. Collection of Faye (Rodgers) Schroll.
- Family Tree of Pearl E. (Wells) Rodgers. Collection of Faye (Rodgers) Schroll.
- Farm Buildings*. Chicago: Sanders Publishing, 1905.
- Farm Buildings*. Chicago: Sanders Publishing, 1911.
- Farm Buildings: How to Build Them*. Charles City, Iowa: W.E. Frudden, 1916.
- Farm Buildings: New and Enlarged Edition*. Chicago: The Breeder's Gazette, 1913.
- "Farmers' Hall of Fame." Unknown newspaper, 1913. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Farrington, Leslie Joseph. "Development of Public School Administration in the Public Schools of Will County, Illinois, As Shown in a Comparison of Three Selected Years: 1877, 1920, and 1965." Ph.D. diss., Northern Illinois University, 1967.
- Fetherston, David. *Farm Tractor Advertising In America: 1900-1960*. Osceola, Wisconsin: Motorbooks International, 1996.
- "Find Old Likeness of Giant Plowman." Unknown Joliet, Illinois, newspaper, 11 June 1913. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- "The First Steel Plow." *The Farm Home* 39 (August 1913). The article includes an account by Dr. John F. Daggett on the creation of the first steel plow, read at the ninth annual meeting of the old soldiers of Will County, 1890. It is contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Fisher, D.J. *Geology and Mineral Resources of the Joliet Quadrangle*. Bulletin No. 51 of the Illinois State Geological Survey. Urbana, Illinois, 1925.

- Fitzgerald, Deborah. "Farmers Deskilled: Hybrid Corn and Farmers' Work." In *Technology and American History: A Historical Anthology from "Technology & Culture."* Edited by Stephen H. Cutcliffe and Terry S. Reynolds. Chicago: University of Chicago Press, 1997.
- Foster, W.A. "Silo Types and Essentials." *Hoard's Dairyman* (21 February 1919): 201, 216, 217, and 232.
- Francis, Dorothy Frazer. "John Lane: Inventor of the First Steel Plow, 1833." 1995. Manuscript in the collection of the New Lenox Public Library.
- Gardner, Frank D. *Traditional American Farming Techniques [Successful Farming]*. 1916. Reprint, Guilford, Connecticut: The Lyons Press, 2001.
- Gardner, John S., editor. *The Fitzpatrick Homestead: A University of Illinois Case Study in Recording Historic Buildings*. Springfield, Illinois: Illinois Historic Preservation Agency, n.d.
- Genealogical and Biographical Record of Will County, Illinois*. Chicago: Biographical Publishing Company, 1900.
- Goldthwait, James Walter. *Physical Features of the Des Plaines Valley*. Illinois State Geological Society Bulletin No. 11. Urbana, Illinois: University of Illinois, 1909.
- Gordon, Stephen C. *How to Complete the Ohio Historic Inventory*. Columbus, Ohio: Ohio Historical Society, 1992.
- Halsted, Dr. Byron D., and Edwin C. Powell, editors. *Barn Plans and Outbuildings*. New York: Orange Judd Company, 1917.
- Hardick, Jane E. "Suburbanization and Annexation since 1930." *Time and Place in Joliet: Essays on the Geographical Evolution of the City*. Edited by Michael P. Conzen. Chicago: University of Chicago, 1988.
- Harris, Emily J. *Prairie Passage: The Illinois and Michigan Canal Corridor*. Urbana, Illinois: University of Illinois Press, 1998.
- Hartwell, Levi, Altamont, Kansas, to Nelson Lynk, Home Insurance Company, Manhattan, Illinois. 11 May 1937. Letter contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Herath, Jean L. *Indians and Pioneers: A Prelude to Plainfield, Illinois*. Hinckley, Illinois: The Hinckley Review, 1975.
- Historic American Buildings Survey IL-311, Town of Lemont.
- Historic American Engineering Record IL-18, Joliet Army Ammunition Plant.
- "Historical Marker Commemorates Old Barber's Corners of the Past." *Bolingbrook Beacon*. 12 September 1979, p. 4.
- The History and Genealogy of the Family John and Jane Hall Patterson of Kirtlehead, Dumfriesshire, Scotland*. N.p., n.d.
- History of Du Page County, Illinois*. Aurora, Illinois: Knickerbocker & Hodder, 1877.
- A History of Plainfield "Then and Now."* N.p., n.d.

History of State Departments, Illinois Government, 1787–1943. Compiled by Margaret C. Norton, Illinois State Archives.

“The History of the Lincoln-Way Area.” Undated typed manuscript.

“Homer Benefactor Formally Nominated.” Unknown newspaper, 1913. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

“Homer’s Roll of Honor.” Lockport, Illinois: Will County Historical Society, October 1973.

“Honor Inventor of First Plow.” Unknown Joliet, Illinois, newspaper, 26 November 1915. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

House Joint Resolution 388, 75th Congress, 1st Session, 27 May 1937. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

“How to Make and Sell Concrete Silo Staves.” *Concrete* (October 1927): 32-35.

Hrpcha, Mabel. *Romeoville, Illinois*. N.p., 1967.

Hull, Harry H. “John Lane, Blacksmith.” 1994. Manuscript in the collection of the New Lenox Public Library.

Illinois Department of Public Works and Buildings, Division of State Parks. *Illinois Park, Parkway and Recreational Area Plan*. Chicago: Illinois State Planning Commission, 1938.

“Illinois-Michigan Canal Reaches Century Mark.” *Illinois Public Works* 6, no. 2 (summer 1948): 14–16.

Illinois Place Names. Edited by William E. Keller and compiled by James N. Adams with an addendum by Lowell E. Volkel. Springfield, Illinois: Illinois State Historical Society, 1989.

Illinois Public Domain Land Tract Sales Database, website located at <http://www.cyberdriveillinois.com/departments/archives/genealogy/landsrch.html> (State of Illinois Secretary of State).

Jackson, Kenneth T. *Crabgrass Frontier: The Suburbanization of the United States*. New York: Oxford University Press, 1985.

Jessup, Theodore. “Starved Rock and Its Neighborhood.” *Transactions of the Illinois State Historical Society* XI (1906).

“Joe Henebry Celebrates 25 Years at Plainfield.” *Farmer’s Elevator Guide*. 5 April 1937.

“The John Lane Steel Plow Tradition.” *Farm Implement News* 58, no. 12 (17 June 1937). Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Johnson, A.N. “Cost of a System of Durable Roads for Illinois.” *The Eighteenth Annual Report of the Illinois Farmers’ Institute*. Edited by H.A. McKeene. Springfield, Illinois: Illinois State Journal Company, 1913.

- Jones, Edward Richard. *Farm Structures*. Madison, Wisconsin: University of Wisconsin Press, 1933.
- Kallick, Sonia Aamot. *Lemont and Its People, 1673–1910*. Louisville, Kentucky: Chicago Spectrum Press, 1998.
- Kane County Development Department, Planning and Projects Division. *Built for Farming: A Guide to the Historic Rural Architecture of Kane County*. N.p., 1991.
- Keyes, Jonathan J. “Agricultural Hinterland: A Profile of the Lemont Township Community in 1860.” In *Looking for Lemont: Place and People in an Illinois Canal Town*. Studies on the Illinois and Michigan Canal Corridor, no. 7. Edited by Michael P. Conzen and Carl A. Zimring. Chicago: Committee on Geographical Studies, University of Chicago, 1994.
- King, M.L. “Planning the Silo.” *The Eighteenth Annual Report of the Illinois Farmers’ Institute*. Edited by H.A. McKeene. Springfield, Illinois: Illinois State Journal Company, 1913.
- Knight, Robert, and Lucius Zeuch. “Mount Joliet: Its Place in Illinois History and Its Location.” *Journal of the Illinois State Historical Society* 23, no. 1 (April 1930).
- Krey, Frank, and J.E. Lamar. *Limestone Resources of Illinois*. Urbana, Illinois: State of Illinois Department of Registration and Education, Division of the State Geological Survey, 1925.
- Lamb, John. *Lockport, Illinois: The Old Canal Town*. Charleston, South Carolina: Arcadia, 1999.
- Lambert, Michael A. “Rural Crossroads: Meaning and Architecture.” [Master’s degree student paper, University of Illinois, 1985.]
- Lockport, Illinois: An HCRS Project Report*. Washington, D.C.: U.S. Government Printing Office, n.d.
- Lockwood, Charles. “Sprawl.” *Hemispheres*. September 1999.
- Lynk, Nelson, Home Insurance Company, Manhattan, Illinois. [1936?] Transcription of letter by Sam Hartwell, son of Levi Hartwell, contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- MacMillan, Thomas C. “The Scots and Their Descendants in Illinois.” *Transactions of the Illinois State Historical Society* XXVI (1919).
- Martin, R.E. “Steel Bin Design for Farm Storage of Grain.” *Agricultural Engineering* (April 1940): 144 and 146.
- Maue, August. *History of Will County, Illinois*. Indianapolis: Historical Publishing, 1928.
- McHugh, F.D., *Scientific American*, to F.A. Wirt, J.I. Case Company. 13 May 1937. Letter contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- McKeene, H.A., editor. *The Eighteenth Annual Report of the Illinois Farmers’ Institute*. Springfield, Illinois: Illinois State Journal Co., State Printers, 1914.
- Memories with Progress: Manhattan, Illinois, 1886–1986*. N.p., n.d.
- Meyer, Douglas K. *Making the Heartland Quilt: A Geographical History of Settlement and Migration in Early-Nineteenth Century Illinois*. Carbondale, Illinois: Southern Illinois University Press, 2000.

The Midwest Farm Handbook. Ames, Iowa: Iowa State College Press, 1957.

Morrison, Olin Dee. *Prairie State, A History: Social, Political, Economical*. Athens, Ohio: E. M. Morrison, 1960.

Myers, John H., and revised by Gary L. Hume. *Preservation Brief 8. Aluminum Siding and Vinyl Siding on Historic Buildings: The Appropriateness of Substitute Materials for Resurfacing Historic Wood Frame Buildings*. National Park Service, Technical Preservation Services, October 1984.

Naperville Centennial. Naperville, Illinois: Fort Payne Chapter of the Daughters of the American Revolution, 1931.

National Park Service, in association with the Georgia Trust for Historic Preservation. *Guide to Sustainable Earthworks Management*. 90 Percent Draft. 1998.

National Register Bulletin 15. *How to Apply the National Register Criteria for Evaluation*. Washington, D.C.: U.S. Department of the Interior, National Park Service, Cultural Resources Division, 1997.

National Register Bulletin 30. *Guidelines for Evaluating and Documenting Rural Historic Landscapes*. Washington, D.C.: U.S. Department of the Interior, National Park Service, Interagency Resources Division, n.d.

National Register of Historic Places Registration Form. "New Lenox Site, 11-Wi-213." Draft 2 May 1995.

Neth, Mary. *Preserving the Family Farm: Women, Community, and the Foundations of Agribusiness in the Midwest, 1900-1940*. Baltimore: Johns Hopkins University Press, 1995.

Neushwander, Toni Evans. *The Old Brick Tavern and Lincoln Hotel*. Preliminary Report. 28 April 1995.

Noble, Allen G., and Richard K. Cleek. *The Old Barn Book: A Field Guide to North American Barns & Other Farm Structures*. New Brunswick, New Jersey: Rutgers University Press, 1995.

Noble, Allen G., and G.H. Wilhelm, editors. *Barns of the Midwest*. Athens, Ohio: University of Ohio Press, 1995.

Noble, Allen G. *Wood, Brick, & Stone*. The North American Settlement Landscape, Volume 2: Barns and Farm Structures. Amherst, Massachusetts: University of Massachusetts Press, 1984.

Obituary of John Lane. *Scientific American* (21 November 1857). Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

100 Years of Worship Together, 1885 - 1985. Green Garden United Methodist Church, Green Garden, Illinois.

Opie, John. *The Law of the Land: Two Hundred Years of American Farmland Policy*. Lincoln, Nebraska: University of Nebraska Press, 1987.

"Order Tablets to Mark Spots of Early Work." Unknown newspaper, 1915. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Ott, Elmer F. "Old Hickory School in Du Page First in Will County." *Joliet Herald-News*. 27 October 1962, p. 7.

Peck, J.M. *A Gazetteer of Illinois, in Three Parts: Containing a General View of the State, a General View of Each County, and a Particular Description of Each Town, Settlement, Stream, Prairie, Bottom, Bluff, Etc.; Alphabetically Arranged*. Philadelphia: Grigg & Elliot, 1837.

- Peek, B.F., Deere and Company, to Paul M. Angle, Illinois State Historical Library, 14 September 1937. Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.
- Peterson, Fred W. "Anglo-American Wooden Frame Farmhouses in the Midwest, 1830–1900: Origins of Balloon Frame Construction." In *People, Power, Places: Perspectives in Vernacular Architecture VIII*. Edited by Sally McMurry and Annmarie Adams. Knoxville: University of Tennessee Press, 2000.
- Peterson, Fred W. *Homes in the Heartland: Balloon Frame Farmhouses of the Upper Midwest, 1850–1920*. Lawrence, Kansas: University Press of Kansas, 1992.
- Pitman, Florence. *The Story of Mokena*. Mokena, Illinois: Mokena Woman's Club, n.d.
- Plans for Concrete Farm Buildings*. N.p.: Portland Cement Association, n.d. [circa 1920s].
- Portrait and Biographical Album of Will County, Illinois*. Chicago: Chapman Bros., 1890.
- Pote, Linda T. "The Celebrated Joliet Marble Fields': An Historical Geography of the Lower Des Plaines Valley Limestone Industry." *Time and Place in Joliet: Essays on the Geographical Evolution of the City*. Edited by Michael P. Conzen. Chicago: University of Chicago, 1988.
- Prairie Farmer's Reliable Directory of Farmers and Breeders of Will and Southern Cook Counties, Illinois*. Chicago: Prairie Farmer Publishing Company, 1918.
- Prasad, Janet. "Boxed In." *Homer Glen, Lockport, and Lemont Sun*. 2 May 2002.
- Radford, William A. *Cement Houses and How to Build Them*. Chicago: The Radford Architectural Company, n.d. [Circa 1910s.]
- Ramsower, Harry C. *Farm Equipment and How to Use It*. 1917. Reprint, Guilford, Connecticut: The Lyons Press, 2001.
- Roe, Keith E. *Corncribs in History, Folklife, and Architecture*. Ames, Iowa: Iowa State University Press, 1988.
- Roll of Property Owners in Will County, Illinois, in the Year 1842*. Will County, Illinois: Will County Historical Society, 1992.
- Rowley, Alfred. "Early Recollections." N.d.
- Salamon, Sonya. *Prairie Patrimony: Family, Farming, & Community in the Midwest*. Chapel Hill, North Carolina: University of North Carolina Press, 1992.
- Sanders, J.H. *Practical Hints About Barn Building*. Chicago: J.H. Sanders, 1892.
- Shaw, Fayette Baldwin, Ph.D. *Will County Agriculture*. Will County Historical Society, 1980. [This publication is "a selected portion of a thesis written and submitted by Dr. Shaw in partial fulfillment of the requirements for the degree of Doctor of Philosophy, Harvard University, 1933."]
- Silos: Types and Construction*. Washington, D.C.: U.S. Department of Agriculture, 1948.
- Simpson, Pamela H. *Cheap, Quick, & Easy: Imitative Architectural Materials, 1870-1930*. Knoxville: University of Tennessee Press, 1999.

Wiss, Janney, Elstner Associates, Inc.

Small Farm Buildings of Concrete: A Booklet of Practical Information for the Farmer and Rural Contractor. Chicago: Universal Portland Cement Co., 1914.

Smith & Betts Farm and Building Book. Chicago: The Radford Architectural Company, 1915.

Souvenir of Settlement and Progress of Will County, Illinois: A Review. Chicago: Historical Directory Publishing, 1884.

Souvenir Sketch of the Wheatland Plowing Match with Programme for Meeting of 1898. Joliet, Illinois: Republican Printing Co., 1898.

“Splendid Review by Mrs. J.D. Frazer, the Oldest Pioneer.” 1906. Article transcription contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Sprague, Paul E. “Chicago Balloon Frame: The Evolution During the 19th Century of George W. Snow’s System for Erecting Light Frame Buildings from Dimension Lumber and Machine-made Nails.” *The Technology of Historic American Buildings*. Edited by H. Ward Jandl. Washington, D.C.: Foundation for Preservation Technology for the Association for Preservation Technology, 1983.

Spies, L.A. “How to Make Money Dairying on Land Worth Two Hundred Dollars per Acre.” *The Eighteenth Annual Report of the Illinois Farmers’ Institute*. Edited by H.A. McKeene. Springfield, Illinois: Illinois State Journal Company, 1913.

Sproat, Iva Gillett. *Heritage of Faith, Heritage of Land*. Coal City, Illinois: Bailey Printing and Publishing Company, 1983.

“State May Honor Name of Late John Lane Sr.” Unknown newspaper, 1913. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Sterling, Robert E. *A Pictorial History of Will County: Volume I*. Joliet, Illinois: 2H Printing, 1975.

Sterling, Robert E. *A Pictorial History of Will County: Volume II*. Joliet, Illinois: Will County Historical Publications Company, 1976.

Stevens, Darlene Gavron. “Golf course treasure trove: home of ancient Americans.” *Chicago Tribune*. 13 December 1993.

Stevens, W.W. *Past and Present of Will County, Illinois*. Chicago: S.J. Clarke Publishing, 1907.

Stewart, John T. *Engineering on the Farm: A Treatise on the Application of Engineering Principles to Agriculture*. Chicago: Rand McNally and Co., 1923.

“ ‘Stop Deere,’ Lane Slogan in Plow Dispute.” Unknown newspaper, [1937?]. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Storm, Alice C. *Doctor Conrad Will*. Joliet, Illinois: Louis Joliet Chapter of the Daughters of the American Revolution, 1917.

Tanner, Helen Hornbeck, editor. *Atlas of Great Lakes Indian History*. Norman, Oklahoma: University of Oklahoma Press, 1987.

Taylor, Florence Walton. "Culture in Illinois in Lincoln's Day." *Transactions of the Illinois State Historical Society* 42 (1935).

Teska Associates, Inc., and Will County Land Use Department, Planning Division. *Will County Land Resource Management Plan*. October 1990, amended November 1996.

"The Tool Which Holds a World in Debt." *Farm Implement News* (6 February 1913). Article contained in "Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois," compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Towsley, Genevieve. "A Letter from Fort Payne," in *A View from Historic Naperville*, N.p., n.d.

———. "Pioneer Triumvirate on East Branch of Du Page." *Naperville Sun*. Part I, 12 September 1979; part II, 14 September 1979.

United States Department of Agriculture. *Yearbook of Agriculture*. Washington, DC: United States Government Printing Office, 1936.

United States Department of Agriculture Forest Service. *Draft Environmental Impact Statement, Midewin National Tallgrass Prairie Land and Resource Management Plan*. Wilmington, Illinois, 7 May 2001.

United States Department of Commerce, Bureau of the Census.

Eleventh Census of the United States: 1890. Part 3: Agriculture. Washington, D.C.

Twelfth Census of the United States: 1900. Census of Agriculture. Washington, D.C.: 1901.

Thirteenth Census of the United States: 1910. Census of Agriculture. Washington, D.C.: 1914.

Fourteenth Census of the United States: 1920. Agriculture: Part V: General Report and Analytical Tables. Washington, D.C.: 1922.

Fifteenth Census of the United States: 1930.

Agriculture, Volume I: Farm Acreage and Farm Values by Township or Other Minor Civil Divisions. Washington, D.C.: 1931.

Agriculture, Volume II: Part I – The Northern States, Reports by States, with Statistics for Counties and a Summary for the United States. Washington, D.C.: 1931.

United States Census of Agriculture: 1935.

Volume II: Reports for States with Statistics for Counties and a Summary for the United States. Washington, D.C., 1936.

Sixteenth Census of the United States: 1940.

Agriculture, Volume III: General Report. Washington, D.C.: 1943.

Agriculture: Value of Farm Products by Color and Tenure of Farm Operator. A Special Study by Irvin Holmes, Principal Statistician for Income and Value. Washington, D.C.: 1944.

Agriculture: Abandoned or Idle Farms. A Special Study. Washington, D.C.: 1943.

United States Census of Agriculture: 1945.

Volume I, Part 5: Illinois. Statistics for Counties. Washington, D.C.: 1946.

United States Census of Agriculture: 1954.

Volume I: Counties and State Economic Areas; Part 5: Illinois. Washington, D.C.: 1957.

United States Census of Agriculture: 1964.

Volume I, Part 12: Illinois. Washington, D.C.: 1967.

1974 Census of Agriculture.

Volume I, Part 13: Illinois. Washington, D.C.: 1977.

1982 Census of Agriculture.

Volume I, Geographic Area Series; Part 13: Illinois. Washington, D.C.: 1984.

1992 Census of Agriculture.

Volume I, Geographic Area Series; Part 13: Illinois. Washington, D.C.: 1994.

United States Department of the Interior. National Register of Historic Places Nomination Form for Stone Manor. Lockport, Illinois, vicinity. Listed 26 November 1980.

Upton, Dell, and John Michael Vlach, editors. *Common Places: Readings in American Vernacular Architecture.* Athens, Georgia: University of Georgia Press, 1986.

Upton, Dell, editor. *America's Architectural Roots: Ethnic Groups that Built America.* New York: Preservation Press, John Wiley & Sons, 1986.

"The Use of Concrete Work on the Farm." *Building Age.* (February 1917): 99-105.

Vlach, John Michael. *Barns.* New York: W.W. Norton & Company, and Washington, D.C.: Library of Congress, 2003.

Vierling, Philip E. *Early Powered Mills of the Des Plaines River and Its Tributaries, Illinois.* Volume I. Chicago: Illinois Country Outdoor Guides, 1995.

———. *Early Powered Mills of the Des Plaines River and Its Tributaries, Illinois.* Volume II. Chicago: Illinois Country Outdoor Guides, 1998.

Ward, Carrington R. "Staying On the Farm: Persistence, Growth, and Turnover in Lemont and Palos Townships, 1870–1880." In *Looking for Lemont: Place and People in an Illinois Canal Town.* Studies on the Illinois and Michigan Canal Corridor, no. 7. Edited by Michael P. Conzen and Carl A. Zimring. Chicago: Committee on Geographical Studies, University of Chicago, 1994.

What the Farmer Can Do with Concrete. Montreal, Quebec: Canada Cement Company Limited, n.d. [Circa 1920s.]

Will County Directory for 1859–60. Compiled by John C.W. Bailey. Chicago: William H. Rand, 1859.

Will County, Illinois: Land Resource Management Plan. 18 April 2002.

Will County Places, Old and New. Will County Historical Society, 1982.

Will County Property Owners, 1842. Reprint, Joliet, Illinois: Will County Historical Society, 1973.

“William Gougar I was born in Northumberland County, Pennsylvania.” 1928. Handwritten manuscript in the collection of the New Lenox Public Library.

Willman, H.B. *Summary of the Geology of the Chicago Area*. Illinois State Geological Survey Circular 460. Urbana, Illinois, 1971.

Winds of Fury: The Will County Tornado of 1990. Sun City West, Arizona: C.F. Boone, 1990.

Wirt, F.A., J.I. Case Company, to Bernice G. Frazer, Lockport, Illinois. 18 February 1939. Article contained in “Materials and Historical Data Concerning John Lane, the Inventor of [the] First Steel Plow, 1833, Yankee Settlement, Homer Township, Section 20, Will County, Illinois,” compiled by Dorothy Frazer Francis, Manhattan, Illinois. Manuscript in the collection of the New Lenox Public Library.

Woodruff, George H. *Forty Years Ago: A Contribution to the Early History of Joliet and Will County*. Joliet, Illinois: Joliet Republican Steam Printing House, 1874.

———. *Patriotism of Will County: Designed to Preserve the Names and Memory of Will County Soldiers*. Joliet, Illinois: Joliet Republican Book and Job Steam Printing House, 1876.

———. *History of Will County, Illinois*. Chicago: Wm. Le Baron Jr., & Company, 1878.

Wooley, John C. M.S. *Farm Buildings*. New York: McGraw-Hill Book Company, 1941.

Works Progress Administration, Federal Writers Project. *Illinois: A Descriptive and Historical Guide*. Chicago: A.C. McClurg, 1939.

Worthen, A.H. *Economical Geology of Illinois*. Volume II. Springfield, Illinois, 1882.

Maps and Aerial Photographs

Many of the historic maps listed below were viewed on the websites of the Library of Congress at memory.loc.gov and the Grainger Map Library of the University of Illinois at images.grainger.uiuc.edu.

Atlas & Plat Book, Will County, Illinois. Rockford, Illinois: Rockford Map Publishers, 1972.

Atlas & Plat Book, Will County, Illinois. Rockford, Illinois: Rockford Map Publishers, 1976.

Atlas and Supplement: Indian Villages of the Illinois Country. Compiled by Sara Jones Tucker (1942) with supplement compiled by Wayne C. Temple (1975). Springfield, Illinois: Illinois State Museum, 1975.

Bateman, Newton, and Paul Selby, editors. *Historical Encyclopedia of Illinois and History of Du Page County*. Chicago: Munsell Publishing Company, 1913.

Burhans, S.H., and J. Van Vechten. *Map of Cook County, Illinois*. 1861.

———. *Map of Cook County, Illinois*. 1862.

———. *Map of Will County, Illinois*. 1862.

Certificate of Survey: Wheatland Township. St. Louis, Missouri: Surveyor’s Office, 1839.

Wiss, Janney, Elstner Associates, Inc.

Chicago & Northwestern Railroad- Land Department. *Map showing the Location of the Chicago & Northwestern Railway with its Branches & Connections through Illinois, Iowa, Nebraska, Wisconsin, Minnesota, Michigan.* Chicago, 1862.

Combination Atlas Map of Du Page County. Elgin, Illinois: Thompson Brothers & Burr, 1874.

Combination Atlas Map of Will County. Elgin, Illinois: Thompson Brothers & Burr, 1873.

Ensign, Bridgman & Fanning. *Railroad and County Map of Illinois Showing Its Internal Improvements 1854.* New York, 1854.

Farm Plat Book and Business Guide: Will County, Illinois. Joliet, Illinois: Rockford Map Publishers, Inc., 1948.

Farm Plat Book: Will County, Illinois. Rockford, Illinois: Rockford Map Publishers, Inc., 1957.

G.W. & C.B. Colton & Company. *Map of Danville, Olney & Ohio River Railroad and its Connections.* New York, 1881.

G.W. & C.B. Colton & Company. *Map of the Chicago and Southwestern Railway and the Chicago, Rock Island & Pacific Railroad and their Connections.* New York, 1869.

Geo. A. Ogle & Co. *Plat Book, Will County, Illinois.* Chicago, 1893.

Geo. A. Ogle & Co. *Standard Atlas of Will County, Illinois.* Chicago, 1909.

Lambert, Michael. Preliminary Study Map – Wheatland and Plainfield Township Stone Building District. 1 June 1992.

Land Atlas and Plat Book, Will County, Illinois. Rockford, Illinois: Rockford Map Publishers, 1985.

Map of the Counties of Cook, Du Page, the East Part of Kane and Kendall, the Northern Part of Will, State of Illinois. Chicago: James H. Rees, 1851.

Map of Illinois Showing State Highways. State of Illinois Department of Public Works and Buildings, Division of Highways, 1 July 1930. Contained in *Illinois Tourists Guide*, 1930.

Map of Will County, Illinois. Rockford, Illinois: Hixson Map Co., 1902.

McBean, Williams. *A Map of a part of the Southern & Western States Showing the Contemplated Route of the New Orleans & Ohio Railroad and the Central Railroad of Illinois, also the Route of the Mobile & Ohio Railroad Representing the Most Central, Direct and Practical Route for a Great National and Commercial Highway Between the Gulf of Mexico and the Great Northern Lakes, and by Various Branches and Intersections with Other Railways Connecting With All the Principal Cities of the United States.* New Orleans, 1850.

Plat Book of Du Page County, Illinois. Rockford, Illinois: W.W. Hixson and Co., 1940.

Plat Book of Will County, Illinois. Rockford, Illinois, W.W. Hixson and Co., 1920.

Plat Book of Will County, Illinois. Rockford, Illinois: W.W. Hixson and Co., n.d. [Circa 1928.]

Plat Book of Will County, Illinois. Rockford, Illinois, W.W. Hixson and Co., n.d. [Circa 1940.]

Plat map of Marley, New Lenox Township, Will County, Illinois. West Chicago, Illinois: Sidwell Studio, 1958.

- Plat map of Mokena, Illinois. West Chicago, Illinois: Sidwell Studio, 1958.
- Plat map of New Lenox, Illinois. West Chicago, Illinois: Sidwell Studio, 1958.
- Plat map of Spencer, New Lenox Township, Will County, Illinois. West Chicago, Illinois: Sidwell Studio, 1958.
- Rand McNally and Company. *Map of Illinois Central R.R.* Chicago: 1892.
- Rand McNally and Company. *Railroad Map of Illinois Prepared Under the Direction of, and presented by, Cicero J. Lindly, Chas. S. Rannells, and Jos. E. Bidwell, Railroad and Warehouse Commissioners.* Chicago: April 1, 1898.
- Snyder's Real Estate Map of Cook County, Illinois.* Chicago: L.M. Snyder and Co., 1886.
- Snyder's Real Estate Map of Cook, Du Page, and Part of Will Counties.* Chicago: William L. Mitchell, 1898.
- State of Illinois Department of Registration and Education, State Geological Survey Division. *Joliet Quadrangle.* 1921.
- Tanner, H.S. *Illinois and Missouri: Improved to 1825.* [Map located in the collection of the Map and Geography Library, University of Illinois at Urbana-Champaign.]
- Tri-annual Atlas & Plat Book, Du Page County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 1964.
- Tri-annual Atlas & Plat Book, Will County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 1966.
- United States Agricultural Adjustment Agency. Aerial photographs of Will County, 1939. [Images viewed on the website of the Grainger Map Library of the University of Illinois at images.grainger.uiuc.edu.]
- United States Commodity Stabilization Service. Aerial photographs of Will County, 1954. [Images viewed on the website of the Grainger Map Library of the University of Illinois at images.grainger.uiuc.edu.]
- United States Department of Agriculture, Soil Conservation Service, *Soil Map – Will County, Illinois*, 1980.
- Van Vechten, J. *Map of Cook and Du Page Counties.* 1870.
- Wheatland Township. Tax Assessment, 15 September 1851.
- Wheatland Township. U.S. Federal Census, 1860.
- Wheatland Township. [Circa 1860–1865.]
- Will County & Plat Book: Will County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 1990.
- Will County & Plat Book: Will County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 1998.
- Will County & Plat Book: Will County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 2000.
- Will County, Illinois: Official Farm Plat Book and Directory.* Joliet, Illinois: Dreher & Schorie, 1970.
- Will County, Illinois.* Rockford, Illinois: Rockford Map Publishers, 1985.

GLOSSARY

abutment. A masonry mass (or the like) which receives the thrust of an arch, vault, or strut.

adaptive reuse. The conversion or functional change of a building from the purpose or use for which it was originally constructed or designed. Such conversions are accomplished with varying degrees of alterations to the building. The more change that is necessary, the less likely that particular new use is appropriate for a historic building.

addition. An extension or increase in floor area, number of stories, or height of a building or structure.

arch. A curved construction which spans an opening; usually consists of wedge-shaped blocks call voussoirs, or a curved or pointed structural member which is supported at the sides or ends. Arches vary in shape from semicircular and semi-elliptical to bluntly or acutely pointed arches.

architectural conservation. The science of preserving architecture and its historic fabric by observing and analyzing the evolution, deterioration, and care of structures; the conducting of investigations to determine the cause, effect, and solution of structural problems; and the directing of remedial interventions focused on maintaining the integrity and quality of historic fabric.

balloon frame. A system of framing a wooden building where all vertical structural elements of the exterior walls and partitions consist of light single studs (usually 2x4, but sometimes larger) which may extend the full height of the frame and are fastened by nails to the studs. Balloon framing differs from a braced frame in that a balloon framed wall acts as a bearing wall and does not rely on posts and beams to support joists.

baluster. One of a number of short vertical members, often circular in section used to support a stair, porch, or balcony handrail or a coping.

balustrade. An entire railing system (as along the edge of a balcony) including a top rail and its balusters, and sometimes a bottom rail.

barrel vault. A masonry vault of plain, semicircular cross section, supported by parallel walls or arcades and adapted to longitudinal areas.

bay. one architectural subdivision of a wall, roof, or structure marked by repetition of similar elements, such as columns or windows.

beam. A horizontal structural member whose prime function is to carry transverse loads, as a joist, girder, rafter, or purlin

brick. A solid or hollow masonry unit of clay or shale, molded into a rectangular shape while plastic, and then burnt in a kiln

column. A slender vertical element carrying compressive loads from other structural elements above.

contributing. A historic property which retains historical integrity and forms a part of a grouping of related properties

corbel. In masonry, a projection or one of a series of projections, each stepped progressively farther forward with height; anchored in a wall, story, column, or chimney; used to support an overhanging member above or, if continuous, to support overhanging courses

cornice. The exterior trim of a structure at the meeting of the roof and wall or at the top of the wall in the case of a parapet, usually consisting of bed molding, soffit, fascia, and crown molding; any molded projection which crowns or finishes the part to which it is affixed; the third or uppermost division of an entablature, resting on the frieze; an ornamental molding, usually of wood or plaster, running round the walls of a room just below the ceiling; a crown molding; the molding forming the top member of a door or window frame

course. a continuous horizontal range of masonry units such as bricks, as in a wall.

dormer. a projecting structure built out from a sloping roof, usually containing a vertical window or louver.

elevation. A drawing showing the vertical elements of a building, either exterior or interior, as a direct projection of the vertical plane; also used for the exterior walls of a building other than the facade (front).

fabric. The structural and material portions that make up the building (frames, walls, floors, roof, etc.).

facade. The exterior face of a building which is the architectural front, sometimes distinguished from the other faces by elaboration of architectural or ornamental details.

gable. The vertical triangular portion of wall at the end of a building having a double-sloping roof, from the level of the cornice or eaves to the ridge of the roof.

gambrel. A roof which has two pitches on each side.

hip. A roof which has equal pitches on all sides of a building.

integrity. A district, site, building, structure, or object with intact original location, design, setting, materials, workmanship, feeling, and association, to an extent that its historic character is discernible.

joist. One of a series of parallel beams of timber, reinforced concrete, or steel used to support floor and ceiling loads, and supported in turn by larger beams, girders, or bearing walls; the widest dimension is vertically oriented.

landmark. A property or district which has been designated by a government entity as possessing historic significance.

lintel. A horizontal structural member (such as a beam) over an opening which carries the weight of the wall above.

mansard. A roof having a double slope on four or more sides of the building, the lower slope being much steeper.

mortar. A mixture of cementitious materials (such as cement and/or lime) with water and a fine aggregate (such as sand); can be troweled in the plastic state; hardens in place. When used in masonry construction, the mixture may contain masonry cement or ordinary hydraulic cement with lime (and often other admixtures) to increase its plasticity and durability.

mortise. A hole, cavity, notch, slot, or recess cut into a timber or piece of other material; usually receives a tenon, but also has other purposes, as to receive a lock.

National Register of Historic Places. The official list of the Nation's cultural resources worthy of preservation. The National Register includes districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and cultures.

National Historic Landmark (NHL). Historic and archeological sites, buildings, and objects possessing exceptional value as commemorating or illustrating the history of the United States. NHLs are buildings, sites, districts, structures, and objects of exceptional national significance in American history and culture.

non-contributing. A property physically located within a historic district or area of study which does not relate to the defined criteria of historic significance for the area.

parapet. A low guarding wall at any point of sudden drop, as at the edge of a terrace, roof, battlement, balcony, etc; in an exterior wall, fire wall, or party wall, the part entirely above the roof.

pointing. In masonry, the final treatment of joints by the troweling of mortar into the joints. The removal of mortar from between the joints of masonry units and the replacing of it with new mortar is properly called "repointing."

pyramidal. A hip roof in which all planes of the roof come together at a single point.

rehabilitation. Returning a property to a state of usefulness through repair or alteration which makes possible an efficient contemporary use while preserving those portions or features of the property which are significant to its historical, architectural, and cultural values.

restoration. Accurately recovering the form and details of a property and its setting as it appeared at a particular period of time by means of the removal of later work or by replacement of missing earlier work.

ridge. The horizontal line at the junction of the upper edges of two sloping roof surfaces.

shed. A roof consisting of a single, sloping plane.

significant. A district, site, building, structure, or object that has integrity and that is associated with historical events or patterns of events; or that are associated with the lives of significant persons; or that embody the distinctive characteristics of a type, style, period, or method construction, or possess high artistic values.

sill. A horizontal timber, at the bottom of the frame of a wooden structure, which rests on the foundation; the horizontal bottom member of a window or door frame.

spandrel. In a multistory building, a wall panel filling the space between the top of the window in one story and the sill of the window in the story above.

stabilization. Applying measures designed to reestablish a weather-resistant enclosure and the structural stability of an unsafe or deteriorated property while maintaining the essential form as it exists at present.

stud. An upright post or support, especially one of a series of vertical structural members which act as the supporting elements in a wall or partition.

tenon. The projecting end of a piece of wood, or other material, which is reduced in cross section, so that it may be inserted in a corresponding cavity (mortise) in another piece in order to form a secure joint.

tension. The state or condition of being pulled or stretched.

truss. A structure composed of a combination of members that resist axial loads, usually in some triangular arrangement so as to constitute a rigid framework.

vault. A masonry covering over an area which uses the principle of the arch.

wythe. One thickness of brick or other masonry material in a wall, commonly about 4 inches.

