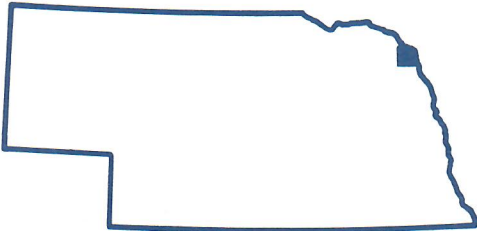


Map News

 THE SIDWELL COMPANY

Fall Quarter • Number 126

Dakota County Marks First Nebraska Project for Sidwell



A new cadastral mapping system, based on recent aerial photography, will be progressing over the next 24 months for Dakota County, Nebraska. This is Sidwell's first property mapping project in Nebraska.

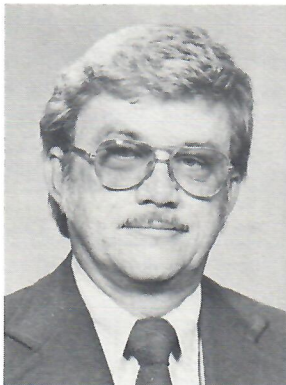
Dakota County, located in the northeast section of the state, covers an area of 273 square miles. The new county maps will require extensive research of existing records, and will represent an inventory of all real property.

The mapping project will be based on precision, foliage-free aerial photography taken at two different scales. The rural areas of the county will be mapped at

a scale of 1"=400', and the urban areas will be mapped at a scale of 1"=100'.

Dakota County Assessor, Betty O'Neill, who was instrumental in acquiring the project for the county, looks forward to obtaining the full permanent parcel numbering system, an integral part of the new mapping program. The system is geographically oriented to allow immediate identification of land parcels, which will greatly assist in the administration of the tax cycle.

The Sidwell Company is looking forward to working with its first member of The Cornhusker State.



William Barg,
President

President William Barg, 35 Years at Sidwell

A luncheon was held honoring Sidwell President Bill Barg's 35 years of service to The Sidwell Company. The luncheon was attended by Mr. R. Louis Rex, Chairman of the Board and Chief Executive Officer, and executives and managers of the company.



Ron Lampe,
Regional Director, A.S.P.

Ron Lampe Elected Regional Director, A.S.P.

SIGNET® Consultant, Ronald R. Lampe was recently elected Regional Director to the American Society of Photogrammetry. Ron will represent the western Great Lakes Region, including Illinois, Indiana, Wisconsin, and northern Michigan to the 23 member National Board of Directors. The Board determines the policies used by the A.S.P. in their ongoing evaluation of the art, science, and technology used to obtain reliable information about the ground location of physical objects.

The 8,000 member American Society of Photogrammetry was founded in 1934. The Sidwell Company has been a sustaining member of the Society since 1973.

Mr. Lampe will serve a three year term as Regional Director. Congratulations, Ron!

Indiana Nears 1986 Reassessment

In order to meet state requirements, a system has been devised in Indiana whereby the auditor of each county is responsible for establishing a reassessment fund. Once established, the treasurer of the county is responsible for depositing all levied property taxes into the fund.

Monies deposited into the reassessment fund may be used to pay for the general reassessment of real property, including the computerization of assessment records, as well as the updating of plat books.

All counties are required to use modern, detailed soil maps in the general reassessment of agricultural land. The fund may be used to develop or update soil maps based on United States Department of Agriculture survey data.

If you would like more information on how Sidwell can help you reach your reassessment goals, call a member of the eastern team: Bruce Harris, Linda Kendall, or Derrel Owens at 312/231-0206.

St. Joseph, Indiana Updating Project Begun

Data retrieval and processing has begun for updating the mapping system in St. Joseph County, Indiana. The original project was completed by The Sidwell Company in 1973.

St. Joseph County is comprised of approximately 110,000 parcels and contains the city of South Bend. The phased project will begin with the 25,250 parcel Penn Township, which includes the city of Mishawaka, where updated mapping is most needed. Servicing for the county is expected to be completed over the next 24 months.

Convention Dates

Sidwell representatives will be attending the following conventions:

August 12-15

U.R.I.S.A.
Seattle, WA

September 9-15

A.C.S.M./A.S.P.
San Antonio, TX

September 11-14

Wisconsin Assessor's
Convention
Wisconsin Rapids, WI

September 18-20

Indiana Auditor's Association
Indianapolis, IN

September 19-21

Wisconsin Real Property Listers
Association

Eau Claire, WI

September 23-26

Iowa State Association of
Assessors
Des Moines, IA

New Sales Territories Announced

Effective June 1, 1984, Sales Department Manager Larry Smith announced the establishment of new eastern and western sales territories. A team comprised of one SIGNET® consultant and two property mapping representatives will be responsible for each territory.

The western territory, basically consisting of those states west of the Mississippi, is staffed by property mapping representatives Neal Carpenter and Sam LaRocca. Ron Lampe is the SIGNET® consultant for the west.

The eastern territory, containing the states east of the Mississippi, is covered by property mapping representatives Bruce Harris and Linda Kendall. Derrel Owens is responsible for SIGNET® projects in the east.

For more information on Sidwell Mapping Systems or SIGNET®, call a team member at 312/231-0206.

LaRocca in New Headquarters, New Phone

In order to better serve his customers, Sam LaRocca, western Sidwell Systems representative, is now located at a new address. Sam can be reached at:

Sam LaRocca
Suite 220
4900 University Avenue
Des Moines, Iowa 50311

Sam's new phone number is: 515/277-2569. His valued friends and clients are invited to stop and visit him at his new facilities.



Linda Kendall, new Sidwell Mapping Systems representative

Linda Kendall, New Eastern Rep

Larry Smith, Sales Manager, has appointed Linda Kendall the new property mapping representative for the east.

Linda will serve as a consultant for aerial photography, parcel numbering systems, and Sidwell Mapping Systems.

Linda has served as the Supervisor of Assessments for Edgar County, Illinois. She brings with her a wealth of knowledge in the assessment and mapping fields, and is experienced in the complexities of county government. We welcome Linda aboard our staff.

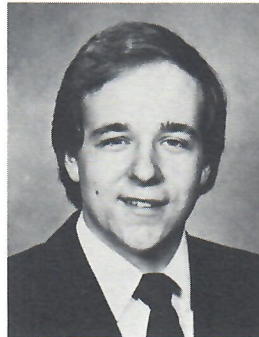
For more information on Sidwell Mapping Systems, call Linda at 312/231-0206.

New Sales Reps Announced

Neal Carpenter, previously responsible for marketing Sidwell's lease atlas service, has been promoted to the position of western property mapping representative. Neal has been with The Sidwell Company for six years and worked several years in the Tax Map Data Department. His background will help him greatly in his new post as Sidwell Mapping System's consultant to township, county, and city governments.



Derrel Owens,
SIGNET® Consultant



Neal Carpenter,
Sidwell Mapping Systems
Representative

Derrel Owens has been named the new eastern SIGNET® consultant. He has worked at Sidwell for 10 years in drafting, data, and marketing. Derrel will now be responsible for providing professional advice to governments on Sidwell Interactive Graphics NETwork.

For more information, call Neal or Derrel at 312/231-0206.

Promotions, New Positions, Announced

Martha Nunley, Manager of Mapping Services, has announced the following promotions:

Robert Kelley is now the Tax Map Service Supervisor. Bob brings with him over 13 years of data research and drafting expertise. Bob's new Assistant Supervisor is Don Dieckmann.

Michael Tesch has accepted the responsibilities of Tax Map Project Supervisor. Mike has been with The Sidwell Company for over 14 years and has an extensive drafting and data compilation background. Mike's Assistant Supervisor is Randy Kobiella.

Draphic's Supervisor Carole Karr now has an additional Assistant Supervisor, Scott Mount.

Customer Engineer Manager David Squires has appointed Robert Krempasky as a Customer Engineer. Bob's 14 years at Sidwell and previous experience as Tax Map Project Supervisor will be an asset in his new position as technical liaison to clients.

10 Year Anniversaries

The following staff members have celebrated 10 years of service with The Sidwell Company:

Donald Dieckmann,
Assistant Supervisor,
Tax Map Service Department

Thomas Nicoski,
Assistant Supervisor,
SIGNET®

Derrel Owens,
SIGNET® Consultant

Robert Verisario,
Assistant Supervisor,
Draphics Department

Congratulations to these esteemed employees.

Blue Earth Signs SIGNET® Service Contract

Blue Earth County, Minnesota has contracted The Sidwell Company to provide maintenance service on their SIGNET® generated property maps.

The original reproducible, fixed scale maps will cover an area of 764 square miles, and will be registered to an aerial ortho-photo base. The updating will be done on an ongoing basis.



New SIGNET® Computer Purchased



David Squires,
Customer Engineer Manager

The SIGNET® department is growing, and in order to meet commitments, a second new Digital Equipment Corporation VAX™ 11/751 computer system will be installed. The system's 32-bit architecture will greatly increase the speed of operations.

High performance workstations and a large format precision plotter have already been added to the system. The high performance workstations will allow more people to access the computer with faster screen updates. The precision plotter produces high quality plots of varying scales on paper, mylar, or vellum.

Two Intergraph Intermap™ workstations have also been added to the new system. The workstations are used with stereoplotters to input topographic information, including contours and ground features, into the computer.

David Squires Speaks at Convention

Customer Engineer Manager, David Squires, has spoken at several conventions over the past few months. Aerial photography, property mapping, and SIGNET® were the topic of Dave's presentations at the N.C.R.A.A.O. in Wichita, KS and at The Northeast Regional Assessor's Association in Hartford, CO. Dave also spoke about election district mapping, using property mapping as a base, at I.A.C.R.E.O.T. in St. Louis, MO.

Questions & Answers

Direct questions to:
Kim Penton
Promotional Coordinator
c/o The Sidwell Company

Q. Does it matter what camera focal lengths are used in obtaining aerial photographs for a tax mapping project?

A. Yes. Camera focal length is a major factor in determining the amount of horizontal displacement that will appear in an aerial. A straight road that looks curved on an aerial photograph is a product of horizontal displacement, and is generally caused by relief of the land. For property mapping purposes, where more accurate boundaries must be determined, the least amount of horizontal displacement possible is desired. The shorter the camera focal length, the more exaggerated the horizontal displacement.

Cameras with 6" focal lengths or 12" focal lengths are most often used to obtain the aerial photography for assessment mapping projects. The least amount of horizontal displacement occurs when using a camera with a 12" focal length. These cameras are used for the production of maps containing a lot of ground detail, usually in urban areas, at map scales of 1"=100' or 1"=200'.

Cameras with 6" focal lengths are often used for the production of maps in areas containing minimal ground detail, often at a map scale of 1"=400'. The photography obtained from the 6" camera contains twice the horizontal displacement as that obtained from the 12" camera. Six inch cameras are used in high altitude situations because they require half the flying altitude of the 12" camera to obtain the same photo scale.

The quality and precision of a mapping project is compromised when a 6" camera is used during flying altitude conditions appropriate to a 12" camera.



THE SIDWELL COMPANY

Write to: The Sidwell Company, 28W240 North Avenue,
P.O. Box M, West Chicago, IL 60185 or phone 312/231-0206

FOR FURTHER INFORMATION ON SIDWELL SERVICES, INCLUDING SIGNET®