

MMA NEWS

Missouri Mappers Association

P.O. Box 1692

Jefferson City, Missouri 65102

Volume 14, Issue 4

June - July 1998

Missouri Mappers Association

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Columbia, MO 65201

WHAT'S NEW

This is the final newsletter before our annual meeting, a final agenda with poster, speakers, and exhibitor profiles will be provided at the annual meeting. This year we will have a mix of old traditions with new ideas... The first annual golf tournament starts-off the activities (9am start) on July 29th. I hope someone wins the hole in one grand prize; a trip for two to Las Vegas, Orlando, Lake Tahoe, or the Bahamas. Other cash prizes will be split for longest drive, lowest team score and highest team score. Call (816) 889-1152 to enter the tournament.

A second new activity that is still in the works is a two hour seminar Wednesday July 29, 1998 beginning at 1pm. This seminar put on by the education committee (Ryan Pulis, George Yerion, and Jorge Sanchez) will discuss CO-OP Mapping; how to share data between county departments. This topic may change slightly but we will have a session for anyone who is interested.

For Thursday, speakers are in place, I think everyone will enjoy and learn something new from each of the speakers. As of 5/9 we have 12 exhibitors who will attend. I have included a brief profile that each exhibitor provided (Thanks Belinka Novotney-Held, PMM Jefferson County for all your help)!

Casino night will return Thursday night. Friday will finish off our annual meeting with the swearing in of the new executive committee.

Thanks for putting up with me throughout this year, and Thanks for all those who contributed articles, comics, and ideas. I'll see you in Columbia next month

Ken Agey - MMA Newsletter Committee

INSIDE THIS ISSUE

- 1** What's New
- 2** Announcements
- 3** Poster Profiles
- 5** Speaker Profiles
- 6** Exhibitor Profiles

Announcements

Advertising

Don't forget your business card or digital artwork can be published in the next three issues of the MMA News. The Cost is only \$25.00! Please send your business cards, comments or corrections to: Ken Agey 1019 Admiral Blvd. Kansas City, MO 64106

REMINDER -- Deadline 6/19/98--

The MMA Awards committee would like to remind you that the deadline for the award nominations must be received by **June 19, 1998**. Award Nominations are:

Education:

Fireball:

Mapper of the Year:

Annual Convention:

Recognition of deserving individuals by the MMA is a goal worthy of our attention so please **DON'T FORGET** to mail in your nominations to:

Teresa Barnes
CADD Supervisor
P.O. Box 398
Galena, MO 65656
Phone (417) 357-6141 ext. 303
Fax (417) 357-2913

Photographer Needed for the Annual Meeting

The Historical Committee is looking for a photographer for the Annual meeting. Film and processing will be paid. **Contact Barbara Kaszuba, PMM (417) 451-8229** if you are interested. New this year!!! Disposable cameras will be available at the annual meeting.

MMA Golf Tournament Deadline 7/10/98

Call **Bryan Dickerson** at (816) 889-1152. Prizes will be awarded for **Highest Score, Lowest Score, and Longest Drive**. A grand prize will be given to any hole in one on any of the four par threes. The hole in one prize will be a trip for two to **Las Vegas, Orlando, Lake Tahoe, or the Bahamas**. Trips include round trip airfare, 3 days/2 nights hotel and all taxes.

*** Spots are filling up fast ***

Date: Wednesday July 29, 1998.

Time: 9 A.M. start

Price: \$45.00 Individual (1/2 cart + green fees)
\$200.00 Sponsorship (2 Carts + green fees for Foursome)

Course: Eagle Knoll – 15 miles south of Columbia, MO. Private Course rated best in Mid Missouri

MMA Advertisements
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| ♦ TOPOGRAPHIC/DTM MAPPING | ♦ GIS APPLICATIONS |
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Technical Consultant
Government/Utilities Division

1019 Admiral Boulevard
Kansas City, MO 64106

Tel: (816) 889-1152
Fax: (816) 471-1599
E-mail: hmilton@mjharden.com

Notice

There has been a change in the date for the quarterly board meeting to be held prior to the annual meeting. The original date of July 24 has been changed to June 26, 1998. The meeting will still be held in Vienna at Sally's Restaurant starting at 11:00a.m. Please make note of this date change and try to attend the meeting if you have any business to present before the board.

Poster #1

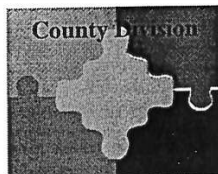
GIS in Caldwell County, MO

Submitted by:

Dean Orr, Caldwell County Assessor

This poster will display parcel data that was converted in Caldwell County, Missouri. The small scale map at the top of the poster will show an area of the County that includes orthophoto, linework and text. There will be a blown up part of this map that will show parcels in more detail. From here, the parcel identification numbers and text will be seen clearly. Shown below this, will be a record of one of the parcel identification numbers shown in the map above. The parcel identification number is what was used to link the graphics to the database (under a standard database design that applies to all Missouri Counties). The record for this parcel will be explained in more detail off to the side. Also, there will be a listing of all types of linework and text in a legend format.

This poster will accompany a summary, which will explain in detail, Caldwell County's uses for the data after the GIS is implemented. The county will link the parcel ID number to a CAMA (computer assisted mass appraisal) database.



Poster #2

Desktop GIS at the Missouri Department of Conservation

Submitted by:

Debbie Briedwell, Cartographer
Russ Mueller, Senior Cartographer
Missouri Department of Conservation

The Missouri Department of Conservation uses Desktop GIS for a wide variety of mapping needs. Through the use of programs such as ArcView, AutoCAD, and ArcInfo, the department is able to use informative mapping tools to visualize, query, and analyze data geographically.

Desktop GIS is used to keep an inventory of all department lands where they are quickly and easily updated. Simple data retrieval is possible by querying attributes such as deed number, acreage and funding codes. More complex data analysis can be performed by adding multiple layers to the map, such as a soils coverage, and using spatial and statistical analysis techniques. To complete a finished product, different sources can be added to the map to form a base. County highway maps can be scanned and rectified to create a general base to overlay various layers. For a more detailed map, scanned USGS topographic maps can be used. In other cases, road line coverages can be added, along with cities, rivers, etc. to form a base map. These are useful for Department brochure maps where area features and developments need to be clearly identified.

These are just a few of the ways that the Missouri Department of Conservation uses Desktop GIS to assist in mapping. Through inventory, analysis, and management applications, the Department is able to effectively use a wide variety of data to create interactive, useful maps.



Poster #3

GIS Progression for Jefferson County Assessor's Office

Submitted by:

Sandra Cadenhead

Belinka Novotney-Held, PMM

Jefferson County Assessors Office

In 1995 the Jefferson County Assessor's Office discussed the movement towards a Geographic Information System – GIS. We wanted the quality and efficiency that comes with a GIS. After visiting several other counties and business we decided what path we would take. AutoCAD and hardware was purchased in late 1995. We then began digitizing our mylar maps into AutoCAD.

About the time we began digitizing we realized we were at the point of purchasing Arc/INFO to create the GIS. In the middle of 1996 we began using Arc/INFO. After setting up several programs and prototypes we are now entering the maps into the system.

There are three phases to our project: (1) Implementation of software/hardware (2) Conversion of data (3) Updating of converted information. We are in the second phase of this project and are also creating queries with the information that is currently available. The future for us will include setting up a terminal available for public use.



Poster #4

St. Louis County, MO

Submitted by:

Chris Matthews, St. Louis County

Not Available at time of printing... Profile will be included in the Annual Meeting agenda



Speakers

Keynote Speaker: Ed Crane ESRI

Land base related technology

Mr. Crane is an energetic speaker who will discuss how technology has changed the way we view the world, our jobs, and our lives. With his non-technical approach Mr. Crane will outline past, current and the future of the mapping technologies. Mr. Crane served several years in County Government, before his current position as a senior consultant for ESRI Kansas City.

1st Session: Tim Haithcoat MSDIS

Data / Information available from MSDIS

The Missouri Spatial Data Information Service (MSDIS) provides geographic information (GIS) and Census data about the state of Missouri to the public by way of anonymous FTP and this World Wide Web site. The MSDIS is run in close association with the Geographic Resources Center (GRC). One of the basic goals of the Missouri Spatial Data Information Service (MSDIS) is to keep the Missouri GIS professional up to date on the goings on of MSDIS and GIS in Missouri. Knowing what is coming and what has been is the best way to figure out your goals for GIS issues in your organization. MSDIS is a state asset, here to serve your needs.

2nd Session: John Buis Network Design Engineering, Inc.

911 technologies / data sharing with assessors office

With 911 technologies common place in Missouri Counties, Mr. Buis will outline how a 911 design and implementation will affect the assessors office and how these two agencies can work together to develop a county wide system that shares data.

3rd Session: Julie Holtz / Eric Franzen M.J. Harden Associates, Inc.

Conversion of parcels on your new digital ortho base

A must see session for those assessor offices who have digital mapping or thinking of converting to a digital environment in the near future. This session will be a hands on working demonstration of converting existing mylar parcel mapsheets onto a digital ortho base. The process will use physical landmarks (fence lines, tree lines etc.) as reference points instead of raw digitizing or scanning to convert from paper to vector. In this seminar a subdivision will be constructed over a digital ortho basemap. Tips and techniques for in-house conversion and maintenance will be given throughout this session.

Exhibitor Profiles as of 6/8/98

Computer A.C.E.S., Inc.

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Kucera International, Inc. is a world-leading provider of aerial photography, surveying, mapping, GIS and spatial data acquisition services using the finest equipment and technology, including Zeiss aerial cameras and photogrammetric systems, Trimble GPS receivers, and GIS software from ESRI, INTERGRAPH, MICROSTATION, AUTODESK, ERDAS, and GENASYS. Our Zeiss softcopy and analytical photogrammetric systems are used to produce digital terrain models, orthophotos, and planimetric and topographic mapping covering areas ranging in size from a few acres to thousands of square miles. In addition to GIS base mapping, we offer comprehensive GIS services, including data conversion, system integration, and maintenance, and training.

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**** 1998 MMA Golf Tournament Sponsor ****

Based in Kansas City, MO. MJH is the full service AM/FM/GIS, photogrammetry, and data conversion firm for all MMA members. Specializing in digital ortho photos, parcel conversion, and infrastructure management. MJH will customize a GIS implementation plan to fit your needs that include hardware, software, aerial photography, conversion, department data sharing, and application development. Founded in 1956, the 138 employees have over 1,625 years of combined GIS and Photogrammetry experience.

MJH's Commitment to excellence is the driving force behind our success. Experienced project managers and production team stress quality at every stage. Our consultants study your organization's requirements, then work with you to implement your project that meets your requirements.

Commitment to client satisfaction remains the guiding principle to our strong reputation and growth.

MARKHURD

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MARKHURD's Primary business is aerial photography, digital base map generation, image processing, geodetic surveying, GIS, and related services. During our 75 plus years, we have completed projects in every state within the U.S. and in 37 foreign countries.

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Mid-West CAD, established in 1985 is an integrator of CAD and engineering services. In an environment where technology is changing at a rapid rate, Mid-Wet CAD has the technical skills and industry relationships to address the productivity needs of our clients with the latest proven products and services in the market place. Mid-West CAD represents and is recognized by leading manufactures of application software and hardware including Cyco, Microsoft, Sun Microsystems, Hewlett Packard, Autodesk, and Bentley. Mid-West CAD's services include consulting, software and hardware installation, training, and technical support. Key clients include Unified Government of Wyandotte County, and Kansas City, KS, Board of Public Utilities, University of Kansas, Missouri Gas Energy, and the State of Missouri Design and Construction, and the City of Kansas City, MO.

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On October 1, 1994 Miller Management Services, Inc. and Miller Associates Engineering, Planners and Surveyors, Inc. separated and became two independent shareholder owned companies. The primary reason for this separation was to allow both organizations to continue growing at their own pace. Although both organizations were expanding, the businesses were sufficiently different to cause some restriction in the growth of both companies. The separation will allow each firm to meet their individual professional and service goals.

By separating the businesses, staffs in each organization are now free to build their companies independently and to their fullest potential. We believe this separation will not only benefit the staff members of both companies but all the services we provide our clients.

As a result of this separation, Miller Management Services has refocused its direction and the services it offers. Primarily our goal is to serve the administrative, management, planning, technical, and computer needs of our clients throughout a broad geographic area. Our services will be most useful to public agencies, including cities, counties, and states. Although the focus of our practice will be management oriented, we will continue to offer technical and engineering services associated with project management, feasibility studies community planning assistance, and technical administration. The following is a listing of the types of services available to our clients.

Administration; Computer Management; City Planning; Digital / Automated Mapping; Engineering; GPS; Project Management; Publishing.

Sanchez and Associates (SA)**11500 Olive Blvd. Suite 212****Phone (314) 567-7779****P.O. Box 411514****Fax (314) 567-3412****St. Louis, MO 63141****WWW.jsanchez.com**

Sanchez and Associates (SA), a small business enterprise and 100% minority-owned, is a unique firm that offers scanning services to its clients nationwide. SA is centrally located in St. Louis, Missouri, in the middle of one of the fastest growing market areas in the country. SA clients include a wide variety of industry sectors, ranging from Government and institutional to energy, construction, chemical, design, and manufacturing. SA's philosophy is simple: Deliver the highest quality scanning products available anywhere at the most reasonable prices in the industry- period. We make this claim based on: a) our many years of experience in this field, b) our highly qualified professional staff, and c) our top of the line high technology tools.

SA has performed work for very large as well as medium and small clients. Some of those in the first category include St. Louis Public Schools, Kansas City School District, Washington University, U.S. Postal Service, Federal Reserve Bank, City of St. Louis, City of Jonesboro, Barren County, City of Glasgow, City of St. Peters, City of St. Charles, Corps of Engineers, By-State Planning Agency, Missouri Botanical Garden, Barnes Hospital, Deaconess Hospital, Children's Hospital, Sigma chemical, Monsanto, Kaiser/Estech Chemical, Mallinckrodt Medical, Emerson Electric, Anheuser-Busch Companies, Trans World Airlines, Sverdrup Corporation, HOK Architects and Booker Associates, among many others.

If your current needs include scanning or conversion of paper originals to either raster or vector formats, SA has the best possible solution for you. We encourage you to ask for a free consultation and cost estimate, which SA will prepare in accordance to your own needs and specifications. SA's combination of experienced staff and customized hardware and software will ensure the quality, accuracy, correctness, and timely delivery you need.

Walker Associates, Inc.**1650 Headland Drive****Phone (314) 343-6111****St. Louis, MO 63026****Fax (314) 343-6451****WWW.walkerassociates.com**

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Our in house services include: Aerial photography, Scanning Services, GPS, Digital Orthophotos, Topo Mapping, DTM, DEM, and GIS mapping. Our photogrammetric instruments and extensive CAD/GIS capabilities permit us to provide a quality product in a professional manner. We are staffed with management professionals and skilled technicians who will commit to completing the required services on schedule and within budget.

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1998 Tentative Annual Meeting Agenda

Wednesday July 29

Golf Tournament – <i>Eagle Knoll</i>	9 A.M. --
Education Committee <i>CO-OP Mapping</i>	1 P.M. – 3P.M.
Early Registration – <i>Atrium Area</i>	7:30 – 8:30 P.M.
Get Aquatinted Social – <i>Patio</i>	8:30 --

Thursday July 30

PMM BREAKFAST – <i>Truman Room</i>	8:00 – 9:00 A.M.
REGISTRATION – <i>Atrium Area</i>	7:45 – 9:00 A.M.

SESSION 1 – Windsor IV

WELCOME – Marti Buckner, President MMA	9:00 – 9:15A.M.
KEYNOTE SPEAKER – Ed Crane	9:15 – 10:00 A.M.
Environmental Systems Research Institute, Inc.	
<i>Land Related Technology</i>	
BREAK With Exhibitors (Coffee / Cookies)	10:00 – 10:15 A.M.

SESSION 2 – Windsor IV

SPEAKER – Tim Haithcoat	10:15 – 11:00 A.M.
Missouri Spatial Data Information Service (MSDIS)	
<i>Information available through MSDIS</i>	
BUSINESS MEETING – <i>Windsor IV</i>	11:00 – 12:00 Noon
LUNCH– <i>Windsor III</i>	12:00 – 1:00 P.M.
EACH EXHIBITOR WILL INTRODUCE THEMSELVES	12:30 – 1:50 P.M.
AND THEIR PRODUCT / SERVICE	
BREAK With Exhibitors	1:50 – 2:00 P.M.

SESSION 3– Windsor IV

SPEAKER -- John Buis	2:00 – 3:00 P.M.
Network Design Engineering, Inc.	
<i>County 911 Implementation</i>	
BREAK With Exhibitors	3:00 – 3:15 P.M.

SESSION 4– Windsor IV

SPEAKER – Julie Holtz and Eric Franzen	3:15 – 4:00 P.M.
M.J. Harden Associates, Inc	
Constructing parcels on your newly acquired digital ortho base	

PLEASE VISIT ALL THE EXHIBITORS: THEY SUPPORT OUR MEETINGS!

HOSPITALITY – <i>WINDSOR III</i>	5:00 – 7:00 P.M.
DOOR PRIZES	
BANQUET -- <i>WINDSOR III</i>	7:00 – 8:00 P.M.
CASINO -- <i>WINDSOR II</i>	8:00 – 10:00 P.M.

FRIDAY, JULY 31

BREAKFAST BUFFET -- EXPO 1	8:00 – 8:45 A.M.
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SESSION 1 – EXPO 1

AWARDS	8:45 – 9:45 A.M.
SWEARING IN OF OFFICERS	10:00 --
CLOSING REMARKS	

Missouri Mappers Association
14th Annual Convention
July 29, 30, 31, 1998
Holiday Inn Executive Center
Columbia, MO

Exhibitors Entry Form

Name of Firm: _____

Address: _____

Contact Person: _____

Telephone: (____) _____ Fax: (____) _____

1. What type of Product/ Equipment/ Service will be displayed?

2. Will you need an Electrical Outlet? Yes _____ No _____ If so, how many? _____

Amount of voltage needed? _____

3. Will a table be required? Yes _____ No _____

4. Please list any other requirements. _____

EXHIBITOR FEE: \$175.00 (Includes meals and MMA dues) \$ _____

ADDITIONAL REGISTRATION: \$ 50.00 \$ _____

CONFERENCE SPONSORSHIP: \$ 50.00 (Includes MMA dues) \$ _____

GOLF TOURNMENT SPONSORSHIP \$200.00 (Includes one foursome group) \$ _____

Make checks payable to **Missouri Mappers Association** and Mail to:

**Belinka Novotny-Held
9801 Held Rd.
Hillsboro, MO 63050**

For additional information contact Belinka @ (314) 797-5467

Missouri Mappers Association
14th Annual Convention
July 29, 30, 31, 1998

Annual Meeting Registration Form:

Please complete and return prior to **July 3, 1998**. Rooms for the Annual Meeting have been set aside at a special rate for Wednesday and Thursday evenings. Rates are \$59.50 plus tax, up to four in a room. Please contact the hotel (573) 445-8531 for reservations to be assured of obtaining a room. Be sure to state that you are with the Missouri Mappers Association to get the special rate.

Name _____ Title _____ Jurisdiction / Firm _____

Work Address _____ Home Address _____

City/State/Zip _____ City/State/Zip _____

Work Phone _____ Home Phone _____

Regular Member (Includes Dues)	\$80.00	\$ _____
Student Member (Includes Dues)	\$75.00	\$ _____
Golf Tournament		
(Includes green fees, cart and prizes)	\$45.00	\$ _____
West Central District Annual Dues	\$ 5.00	\$ _____
Additional Tickets for Spouse / Guest		
Thursday Lunch Buffet	\$12.00	\$ _____
Thursday Evening Buffet	\$26.00	\$ _____
Friday Breakfast Buffet	\$12.00	\$ _____

Total Registration Fees \$ _____

Golf Tournament: Prizes will be awarded for **Highest Score, Lowest Score, and Longest Drive**. A grand prize will be given to any hole in one on any of the four par threes. The hole in one prize will be a **trip for two to Las Vegas, Orlando, Lake Tahoe, or the Bahamas** includes round trip airfare, 3 days/2 nights hotel and taxes.

Date: Wednesday July 29, 1998. Time: 9 A.M. Course: Eagle Knoll

Make checks payable to **Missouri Mappers Association** and Mail to:

**Ken Agey
1019 Admiral Blvd.
Kansas City, MO 64106**

We had a question on charges for those who will attend only part of the Annual Meeting

The hotel charges MMA a meal fee that includes the use of the convention hall. If we do not purchase meals then we will have to pay a premium for the conference room. For the 1998 Annual Meeting you do not have to pay for meals when you do not attend the sessions. For example if you attend the sessions on Thursday but leave before the Dinner and the Casino Night but attend the closing sessions on Friday then you may deduct \$26.00 from the \$80 fee. If you do not attend the Closing Session then you may deduct the \$12.00 breakfast. This policy may change for 1999. I suggest that anyone who is concerned with this policy, sign up for the annual meeting committee.

We need an accurate count for meals so, please let me know if you plan to attend only part of the conference.

Call me if you have any questions (816) 889-1129.

Outstanding Mapper of the Year Application

The “**Outstanding Mapper of the Year**” Award is presented yearly at the Annual Meeting and is to honor an individual who has displayed outstanding qualities in the cadastral mapping field. The Award Committee will review the applications and make a recommendation to the officers and Board of Directors for this award winner. Employees or peers will accept nominations until **June 19, 1998**. Please keep in mind that nominations for this award require no specific qualifications. The person who makes the nomination should write a brief paragraph on why he or she feels this nominee merits the Outstanding Mapper of the Year Award.

Name of Nominee: _____

Employer: _____

Address: _____

Phone: _____

I believe _____ should be nominated for Outstanding Mapper of the Year because:

(Continue on additional sheet(s) if necessary)

Signature: _____ Phone: _____

Address: _____

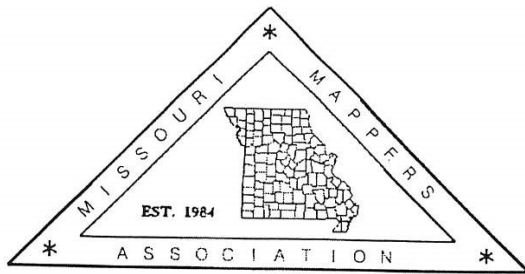
Please Return By: **June 19, 1998**

Mail Applications to: **Teresa Barnes**

CADD Supervisor

P.O. Box 398

Galena, MO 65656



MISSOURI MAPPERS ASSOCIATION

The Missouri Mappers Association has the following membership categories:

(Please check one)

_____ Regular Member - Mappers, Cartographers, Mapping Supervisors, Assessors, Geographic Information System (G.I.S.) personnel and other persons involved in mapping. - **Annual Dues: \$ 15.00**

_____ Subscribing Member - Individuals or Firms not eligible for regular membership that are interested in property mapping. - **Annual dues: \$ 25.00**

_____ Student Member - Any student that attends a University, College, Vocational Institute or other recognizable School not eligible for regular or subscribing membership that are interested in property mapping. - **Annual Dues: \$ 5.00**

Please Complete The Following:

_____ Last Name First Name Middle Initial

_____ Government Organization, Company or Consultant Name

_____ Employment Address City State Zip Code

_____ Home Address City State Zip Code

_____ Home Telephone Work Telephone Mailing preference _____ Home _____ Work

Professional organizations with which you are associated: _____ I.A.A.O. _____ U.R.I.S.A. _____ M.A.R.L.S.

Other Organizations: _____

I hereby make application for membership in the Missouri Mappers Association. If admitted, I will abide by its by-laws and support its objectives. I have enclosed my membership dues with this application.

_____ Date

_____ Signature

Please mail application
and dues to the
MEMBERSHIP
COMMITTEE :

Gladys Smith, Chairperson
R.R. 2 Box 193B
Osceola, Mo. 64776

