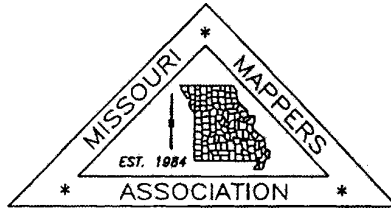


MMA NEWS

Missouri Mappers Association
P.O. Box 1692
Jefferson City, Missouri 65102



February 2000
Volume 16, Issue 1

Need New Photography?

By Randy Mayden
M. J. Harden Associates, Inc.

Although it's already late February, you still have time to plan, interview, contract and acquire new aerial photography of your county. You can speed up the process if you do a little initial planning and data gathering prior to sending Requests for Qualifications (RFQ) to the photogrammetry photography firms. First, if you haven't already, you need to make a decision; rectified image (i.e. 1983 process) or digital ortho-corrected image (the good stuff!). The ortho-corrected mapping is more expensive. However, you need to consider the effort required re-mapping your property ownership overlays. If you go the rectified route, be prepared to spend some time re-mapping. By the way, this countywide ownership re-mapping will be required every time you update. If you decide to proceed with the digital ortho-corrected mapping, you will still need to re-map

During interviews, you should discuss the options for pixel size, file size, digital image compression, and the mapping or GIS software format.

the ownership overlays. However, once this is done a countywide ownership re-map should be a thing of the past. When you request digital ortho-corrected mapping, make sure you require the mapping to meet or exceed National Map Accuracy Standards.

After you have decided to go with digital ortho (hint! hint!), you need to update your sheet index. Now is the time to add new 100 or 200 scale maps in your growth

areas. This needs to be completed at this stage because the aircraft will need to fly at a lower altitude for these areas. An easy way to communicate what you need is to simply color code the 100 and 200 scale map sheets. (When you color code,

simple-minded photogrammetrists can understand what you want.)

The ortho-corrected mapping will require some type of control survey. There are many options available to acquire the control. The

Inside This Issue

- ❖ Annual Report
- ❖ Events Calendar
- ❖ Awards
- ❖ Items for Sale/Wanted

options range from calculating coordinates from a U.S.G.S. 7.5-minute quad sheet (this option will not meet National Map Accuracy Standards) to a full field survey complete with Bernsten breakaway monuments.

There are numerous options available that should be discussed with the photogrammetrist during interviews and contract negotiations. A good rule of thumb is to get a good Global Positioning System (GPS) survey that can be duplicated in the future. This will allow you to update in the future and ensure that new mapping will tie to the older map sheets. The costs of permanent survey monuments make this an option that may be eliminated. In other words, buy the survey, not the monument. This is even less of an issue if you decide to use the latest in GPS technology, airborne global positioning system (AGPS) survey. This system provides accurate survey information during the aerial photography mission. This type

MMA Awards

On August 22, 1999 at the Thirteenth Annual Meeting, the Awards Committee presented the following:

- Fireball – **Patty Williams**
- Mapper of the Year – **Jeff Davis, PMM**
- Annual Meeting – **Patty Williams & Belinka Novotny-Held, PMM**
- Education Award – **Carl Sohn, PMM**
- Boss of the Year – **James Strahan, Taney County Assessor**

A special dedication went to **Glen Nicoll**, Assessor of Barry County, This dedication was to recognize Mr. Nicoll for 30 years of dedicated mapping in the Barry County Assessors Office.

Special recognition went to **Ken Agey**, from M.J. Harden. This was to recognize all the work put into publishing the MMA newsletter over the past two years.

The committee also recognized **Krissy Williams** for making the first Missouri Mappers Association Program Book. Krissy, daughter of **Patty Williams**, is compiling the annual meeting program booklet. This was a great addition to the 1999 annual meeting. Krissy is requesting your assistance by providing "Fun Facts" about your County. Mail your facts to Patty Williams, Warren County, 105 S. Market, Warrenton, MO 63383

We would like to thank Krissy for volunteering to produce this booklet again this year.

The Board of Directors was also recognized for the 1998-1999 year.
 President – **Linda Craine, PMM**
 Vice President – **Teresa Barnes**
 Secretary – **Barbara Kaszuba, PMM**
 Treasurer – **Patty Williams**
 Director – **Chris Mathews** and **Ken Agey**

The members of the Award Committee would like to congratulate everyone who received an award. We are looking forward to seeing everyone next year.

*Stephanie Trejo, PMM
 Awards Chairperson for 2000*

Annual Meeting 2000 News

Incentives will be used to have members register before the deadline. There will be a Dinner Murder Mystery titled "Death and Taxes," followed by Casino Night. Suggestions were to:

- Keep bar open during Murder Mystery
- Serve coffee and donuts Thursday morning
- Have a speaker Wednesday evening
- Offer another workshop
- Try to get the Governor or Lt. Governor as keynote speaker

Chairpersons:

Golf Tournament **Tracey Conn**
 Exhibitors **Kim Swisher**
 Official Photographer **Ted Zeilman**

Membership Committee:

232 Members from 62 counties.

– continued from page 1

of survey is ideal for county mapping programs and requires very few field survey positions.

During interviews, you should discuss the options for pixel size, file size, digital image compression, and the mapping or GIS software format. For the most part, these have little impact on overall costs. However, it is

MMA 1999 Annual Meeting Report

October 13, 1999

RECEIPTS:

1999 Annual Meeting Attendance/Golf/Exhibitors \$14,210.00

DISBURSEMENTS:

Awards \$166.00
 Door Prizes \$329.77
 Entertainment/Speakers \$2,552.00
 Golf \$1,023.46
 Hotel \$7,008.85
 Misc./Supplies/Give Aways \$2,275.06
 Printing \$486.00

Total Disbursements \$13,841.45

TOTAL PROFIT/LOSS: \$368.55

Report submitted by: Belinka Novotny-Held/Patty Williams, Annual Meeting Chairpersons

MMA CALENDAR OF EVENTS

WHEN	WHAT	WHERE
Feb 22	ESRI's From the World to the Web Seminar	Springfield, MO
Feb 24	ESRI's From the World to the Web Seminar (for more info: http://gis.esri.com/events/seminarlist.cfm)	Cape Girardeau, MO
Feb 24	SEMO GIS User Group Meeting Contact Rich Daume, 573-334-8326	Cape Girardeau, MO
March 15	St. Louis GIS User Group Meeting Contact Daved Bookless, 314-421-4220x211	St. Louis, MO
March 17	MMA Board of Directors Meeting	
March 26 - 29	2000 GITA Conference	Denver, CO (National Conference)
April 12	East Central Chapter Meeting	
April 14	MMA Board Meeting	Vienna, MO
May 14 - 18	Mid America GIS Symposium	Osage Beach, MO (Regional Conf.)
June 23	MMA Board Meeting	Vienna, MO
June 26 - 30	ESRI Users Conference	San Diego, CA (National Conference)
July 26 - 28	MMA Annual Conference	Columbia, MO
Aug 19 - 23	URISA Conference	Orlando, CA (National Conference)
Oct 1 - 3	MO Municipal League Conference	Springfield, MO (State Conference)
Nov 19 - 21	MO Assoc. of Counties Conference	St. Louis, MO (State Conference)
Aug 1-3, 2001	MMA Annual Conference	
Aug 7-9, 2002	MMA Annual Conference	

important to discuss these requirements in the interview process so both parties understand what is required. Typical pixel size for the digital image files is 1/2 to 1 foot for the 100 scale images, 1- 2 feet for the 200 scale and 3 - 4 foot for the 400 scale. Your decision on pixel size should be made based on the power of your computer system and the size of files you feel comfortable working with. There are new image compression software packages available that definitely show promise for reducing the overall file size up to 10 to 1. In addition to the digital files of the ortho, you need to decide if you need hardcopy mylars of the map sheets. If you are new to digital mapping, hardcopy mylars are a must. The new plotters available provide high quality paper plots that are extremely valuable for field use but for everyday use and for the construction of the composite map sheets,

mylars should be produced.

To summarize, when you send out your RFQ determine what type of mapping you need; ortho (yea!) or rectified (boo-hiss), the number and location of each scale of map, the degree of survey required and the need for hardcopy mylars. Also, make a list of the deliverables you expect; contact prints, control photographs, CD-ROMs, halftone mylars, flight line diagrams, etc. Also, it's a good idea to discuss delivery schedules and milestones and get references for past projects.

You still have time to get new photography but you need to get going soon. In the Midwest we have until around April 15 before the foliage becomes a problem. That reminds me, I think there's something I need to do around the 15th...



Wanted: Used Plotter, HP750 series or HP1050 series or equivalent. 36" or larger. **Contact:** Dean Orr
Cladwell County Assessor
County Courthouse
Kingston, MO 64650
816-586-5261

Wanted: Left-handed scribe. **Contact:**
Teresa Barnes
417-272-8424

**This space is available
for your ad in MMA News!**

Business Card	3 issues – \$25.00
Less than 1/4 page	3 issues – \$50.00
1/4 page ad	3 issues – \$100.00
1/2 page ad	\$50.00 per issue
Full page ad	\$100.00 per issue

Submissions to MMA News

Your business card or digital artwork can be published in the next three issues of the MMA News for only \$25.00! I also need articles about your county or company news. Please send your articles by April 15, 2000 for the May issue of MMA News. Please send your ads, articles, or corrections to:

Ken Agey E-mail: kagey@mjharden.com
M.J. Harden Associates, Inc. Tel: (816) 889-1129
1019 Admiral Boulevard Fax: (816) 471-1599
Kansas City, MO 64106

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