MILWAUKEE COUNTY

AUTOMATED MAPPING AND

LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 426
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

MEMORANDUM

TO: «prefix» «first_name» «middle_intial» «last_name» «LnameSuffix» «Suffix»
«title»
«organization»
«address1»
«address2»
«city», «state». «zipcode»

FROM: William C. Shaw, MCAMLIS Project Manager

DATE: September 25, 2007

SUBJECT: MCAMLIS 72nd Steering Committee Meeting Materials

Enclosed please find a set of materials that the steering committee will take up at it's scheduled September 25th meeting.

I. Meeting Agenda **(included)**

II. Meeting Minutes of the 71st Steering Committee meeting held June 5th, 2007 **(included)**

III. Reports

A. Report materials on the Milwaukee County street address and cadastral map maintenance operations. **(included)**

B. Report materials on City of Milwaukee cadastral map maintenance operations **(included)**

C. Report materials related to the MCAMLIS Enterprise Address Project. **(included)**

D. Report materials on State of Wisconsin Land Information Program Wisconsin Geographic Information Coordination Council (WIGICC) Summit Meeting. **(included)**

E. Report materials on the MCAMLIS Topographic Mapping project. **(included)**

F. Report materials on the status of the Regional Water Study. **(included)**

G. Report materials on MCAMLIS Fiscal status**. (included)**

H. Report materials on the status of the Diggers's Hotline implementation activities. **(included)**

V. Old Business

A. Materials related to the Register of Deeds request for new authorization for Improvements to Computer Systems. **(included)**

B. Consideration of the City of Milwaukee Assessor's Staff Report on Pictometry **(included)**

VI. New Business

A. Materials related to a MCAMLIS Staff recommendation regarding a North Shore Fire Department request for MCAMLIS Project assistance **(included)**

VII. Correspondence

A. Letter to Ms. Karen Jander, Head, Serials Department, University of Wisconsin-Milwaukee Libraries **(included)**

B. Letter to Ms. Penny Scheuerman, Milwaukee Seven Resource Center **(included)**

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MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM

Seventy-Second Steering Committee Meeting

AGENDA

Date: September 25th, 2007
Time: 9:00 a.m.
Place: Milwaukee County
City Campus, Room 349
2711 W Wells St.
Milwaukee, WI. 53208

I. Roll Call

II. Meeting Minutes

Consideration of the minutes of the 71st Steering Committee meeting held June 5th, 2007.

III. Reports

A. Report by Milwaukee County Register of Deeds staff on MCAMLIS street address and cadastral map maintenance operations.

B. Report by City of Milwaukee staff on MCAMLIS cadastral map maintenance operations.

C. Report by MCAMLIS staff on the status of the Enterprise Address Project.

D. Report by MCAMLIS Staff on the State of Wisconsin Land Information Program WIGICC Summit Meeting

E. Report by SEWRPC staff on the MCAMLIS Topographic Mapping project.

F. Report by SEWRPC staff on the status of the Regional Water Study.

G. Report by Milwaukee County DAS staff on MCAMLIS Fiscal status.

H. Report by MCAMLIS staff on the status of the Diggers's Hotline implementation activities.

IV. Old Business

A. Consideration of a Register of Deeds request for new authorization for Improvements to Computerized Systems

B. Consideration of the City of Milwaukee Assessor's Staff Report on Pictometry.

V. New Business

A. Consideration of a MCAMLIS Staff recommendation regarding a North Shore Fire Department request for MCAMLIS Project assistance

B. Briefing by MMSD staff on the status of Regional GIS initiatives underway at the District.

VI. Correspondence

A. William Shaw, MCAMLIS Project Manager, letter to Ms. Karen Jander, Head, Serials Department, University of Wisconsin-Milwaukee Libraries

B. William Shaw, MCAMLIS Project Manager, letter to Ms. Penny Scheuerman, Milwaukee Seven Resource Center

VII. Date, time, and place of next meeting

VIII. Adjournment

MINUTES OF THE 71st Meeting
Milwaukee County Automated Mapping and Land Information System
Steering Committee

Date: Tuesday, June 5, 2007
Time: 9:00a.m.
Place: Milwaukee 7 Resource Center
WE Energies downtown Milwaukee corporate headquarters
Room 104G
231 W. Michigan St.
Milwaukee, WI 53202

Members Present

Kurt W. Bauer, Chairman	Milwaukee County Surveyor
Donald R. Nehmer, Vice Chairman	Capital Program Business Manager, Milwaukee Metropolitan Sewerage District
John L. La Fave, LIO	Milwaukee County Register of Deeds
Nancy A. Olson	Enterprise Information Manager, Information and Technology Management Division, City of Milwaukee
Karen Gross	Supervisor, Representing John C. Place Manager Maps and Records, WE Energies
John M. Bennett	City Engineer, City of Franklin, representing the Intergovernmental Coordinating Council of Milwaukee County
Alexandra Kotze	Fiscal Management Analyst, Department of Administrative Services, representing Rob Henken, Director, Milwaukee County Department of Administrative Services

Members Absent

Gregory G. High	Director, Architecture, Engineering and Environmental Services Division, Milwaukee County Department of Transportation and Public Works, representing George Torres, Director, Milwaukee County Department of Transportation and Public Works
Donald L. Coe	Supervisor, Facilities Location, Customer Operations, WE Energies
Kevin S. Anderson	Design Area Manager, Milwaukee Metro North AT&T Wisconsin

Guest and Staff Present

Marsha Lindholm	City of Milwaukee, DPW Division of Infrastructure Services
Gary E. Drent	Fiscal and Budget Manager, Milwaukee County, AE&ES-DTPW
William C. Shaw	MCAMLIS Project Manager, Milwaukee County DTPW
Tammy Bronson	City of Milwaukee, Information and Technology Management Division
Reinhard G. Meihsner	SDS
Jim Lacy	Associate State Cartographer, Wisconsin State Cartographers Office

I. ROLL CALL

The 71st meeting of the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee was called to order by Chairman Bauer at 9:00 a.m. Roll Call was taken and a quorum was declared present.

II. MEETING MINUTES

II(a). CONSIDERATION OF THE MINUTES OF THE 70TH STEERING COMMITTEE MEETING HELD MARCH 6, 2007

Bauer: noted that a copy of the minutes was provided with the meeting materials and asked if there were any corrections required?

Motion: Bennett, moved to accept the minutes
Second: Olson, Motion carried unanimous

III. REPORTS

III(a) REPORT BY MILWAUKEE COUNTY REGISTER OF DEEDS STAFF ON MCAMLIS STREET ADDRESS AND CADASTRAL MAP MAINTENANCE OPERATIONS.

Bach: referred the Committee to the status map included with the meeting materials, reporting that she is currently working on May documents with zero backlog at this time.

Bennett: inquired, if the Diggers Hotline project was successful in getting MCAMLIS maps updated faster, should the Committee look into getting a system to get addresses updated faster so they would be in line with the parcel maps?

Bach: replied, yes but it will require cooperation from the municipalities.

Shaw: added, that the Enterprise Address System project is focused on just that activity. Noting that EAS will enhance MCAMLIS's ability to post changes to the address database as they occur. Further adding that the Diggers Hotline project is part of the solution, but the EAS system will actually be more comprehensive in terms of being able to integrate and provide services to meet address information needs across the county.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file.

III(b) REPORT BY CITY OF MILWAUKEE STAFF ON MCAMLIS CADASTRAL MAP MAINTENANCE OPERATIONS.

Bronson*:* Cadastral data for the City of Milwaukee is current through May 11, 2007 in the northern portion of the City through quarter section 351.

Bennett: asked if there was a way for MCAMLIS to provide a complete cadastral map of Milwaukee County.

Shaw: replied that MCAMLIS could provide a complete set of data for the county. Adding that the available property data within the City of Milwaukee may not be as current as the suburban community parcel information.

Olson: added that all properties (within the City of Milwaukee) are represented apart from some more recent combinations and divisions. Noting that the Committee has recently remedied a long standing issue related to ongoing maintenance of City of Milwaukee parcel data. Further stating that maintenance of land parcel changes that have occurred since the City of Milwaukee to MCAMLIS data transformation project was completed are now being addressed.

Bauer: noted that the work being performed in the City of Milwaukee is being funded by MCAMLIS.

Bennett: inquired about an estimated completion date.

Olson: replied that she expects to be complete by April 2008.

Shaw: added that this project includes technical development efforts apart from simply updating the parcel information and that he was coordinating with the City of Milwaukee staff to establish procedures that will result in a countywide database.

Bauer: stated for the minutes, that the report was accepted by consensus and will be place on file.

III(c) REPORT BY MCAMLIS STAFF ON THE STATUS OF THE ENTERPRISE ADDRESS PROJECT.

Shaw: directed the Committee to the staff memorandum (included with the meeting materials). Adding that the goal of the EAS project is to establish a complete and standardized address information base for the county and that it would include structure and street centerline addresses throughout the City of Milwaukee and all the suburban communities. Noting that, as with, the Diggers Hotline project the EAS direction is looking to partner with the communities as they create address information whereby MCAMLIS will regularly collect revised address information via the EAS.

Olson: asked about the relationship between EAS and the Local Update to CENSUS Address (LUCA) program?

Shaw: stated that he had recently met with CENSUS personnel regarding the LUCA program. Further noting that the objective of the CENSUS program is to reconcile and correct residential unit and street address range data used by the CENSUS to mail 2010 surveys. Adding that the CENSUS project appeared to be a possible mechanism to interface with the communities as part of EAS and could allow MCAMLIS to support developing a countywide response to the CENSUS Bureau.

Olson: offered that perhaps MCAMLIS could play a role for the suburban communities and save them some time and effort and that could be a MCAMLIS win. Noting that it's a big project and some of the communities may not have properly formulated electronic data.

Shaw: stated that the recent EAS survey had a question regarding whether a community is currently reconciling it's data with the CENSUS data. Adding that he was hopeful that he could use the responses to help guide future development in this area.

Bauer: inquired as to whether the CENSUS will be using data from the City of Milwaukee?

Olson: replied that the CENSUS has requested that local communities check their address data accuracy to allow them to obtain a more accurate residential unit count prior to the 2010 CENSUS; which has all kinds of implications over the next 10 years for federal funding . Further noting that the LUCA process helps identify housing units to which the CENSUS mails surveys. Adding that the City of Milwaukee takes it very seriously because of the tie to Federal funding.

Bauer: observed that the same situation exists with respects to the other suburban communities and that MCAMLIS data could be as useful.

Olson: concluded that it would be a great win for MCAMLIS to say that we helped these communities with the CENSUS.

Bennett: inquired if this should be scheduled for discussion with ICC and have staff explain to them what they're doing?

Shaw: indicated that he would be available to do that.

SECRETARY'S NOTE: MR. SHAW ATTENDED THE JUNE 4TH ICC MEETING AND PROVIDED A LUCA UPDATE AND MATERIALS TO THOSE COMMUNITY REPRESENTATIVES PRESENT.

Bauer: stated for the minutes, that the report was accepted by consensus and would be placed on file

III(d) REPORT BY MCALMIS STAFF ON THE STATUS OF PARTICIPATION IN THE PROPOSED WISCOSNIN GEOGRAPHIC INFORMATION COORDINATION COUNCIL(WIGICC)

Shaw: noted that the committee had received a written report included with the meeting materials.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(e) REPORT BY SEWRPC STAFF ON THE MCAMLIS TOPOGRAPHIC MAPPING PROJECT

Bauer: stated that the committee had received a written report included with the meeting materials. Further noting that it is anticipated that the work with the exception of the mapping of Marquette Interchange and Canal Street area is expected to be completed by end of June 2007.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(f) REPORT BY SEWRPC STAFF ON THE STATUS OF THE REGIONAL WATER STUDY

Bauer: stated that the committee has received a written report included with the meeting materials. Further noting the work is proceeding and that two of the technical reports have been completed and approved by the Water Study Committee. The report on "State-of- the- Art of Water Supply Planning and Engineering" and the report on the legal framework for water supply planning are in the process of being published. The work is proceeding on the planning report itself and the MCAMLIS Committee did receive the chapter that sets forth the forecast of probable future demand.

Nehmer: inquired if reports will be made available to the Steering Committee?

Bauer: replied that as they are published that copies would be distributed.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(g) REPORT BY SEWRPC STAFF ON THE STATUS OF THE 2007 ORTHOPHOTOGRAPHY PROJECT IN MILWAUKEE COUNTY

Bauer: stated that the committee has received a written report included with the meeting materials. Further stating that the Department of Homeland Security (DHS) program is interested in periodically acquiring large-scale ortho-photography for the larger urbanized areas in the United States. Adding that in obtaining the photography for the Milwaukee area the project limits that the Federal Government used did not include all of the County therefore it was requested and MCAMLIS approved funding for the remainder of Milwaukee County.

Shaw: noted that the map (included with the report) reflects the acquisition area that was expanded to include all of Milwaukee County. Further noting that the original boundary is shown and that the additional funding required is under $3,000.

Bauer: reported that the project has been flown, the photography was acquired this April 2007 and the contractor is processing the files. The project is expected to be completed by the end of October 2007.

Bennett: remarked that he finds it beneficial to view historical imagery e.g., 1993, 1995, 2005 even though these may not be as accurate and added that he thought it is very helpful to get ortho-photography regularly for purposes of engineering.

Bauer: further reporting that the procedures being used (to collect this imagery) will fit the MCAMLIS control network, adding that the digital photos are registered to the 1927 North American horizontal and the 1929 vertical datum. Noting that the product will be compatible with the MCAMLIS work program.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file.

III(h) REPORT BY MILWAUKEE COUNTY DAS STAFF ON MCAMLIS FISCAL STATUS.

Kotze: provided the Committee with a copy of the current financial report.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

III(i) REPORT BY WE ENERGIES STAFF ON THE STATUS ON THE DIGGER'S HOTLINE IMPLEMENTATION ACTIVITIVES.

Meihsner: provided the Committee with a copy of the project status report.

Bauer: stated for the minutes, that the report was accepted by consensus and will be placed on file

IV. <u>OLD BUSINESS</u>

IV(a) CONSIDERATION OF A REGISTER OF DEEDS REQUEST FOR ADDITIONAL SPENDING AUTHORIZATION FOR IMPROVEMENTS TO COMPUTER SYSTEMS.

LaFave: noted that the $1 fee balance is currently $143,000.00 and requested that spending authority be increased by $100,000. Adding that the increase would be divided between "Improvement to Computer Systems" and "Ongoing Digital Image conversion of Microfiche". Stating that this would ensure that the Register of Deeds office will be able to continue with ongoing and unforeseen projects.

Bauer: restated his understanding of the request, adding that this request was for an additional $100,000 and of that amount $50,000 would be used for the 'Improvements to the ROD Computer System' project. Further adding that he was unclear about the remaining $50,000.

LaFave: replied that the additional funds would go to the Conversion of Microfiche project.

LaFave Motion to increase spending for computer improvements and conversers ion of microfiche.
Drent Second, followed by discussion

Bennett: stated that he would prefer that the Register of Deeds request be in writing and available for review prior to the meeting so that the Committee could give this proper consideration.

Olson: offered that she understood that the R.O.D. was converting old microfilm copies to digital form, but wanted to know how the R.O.D office was using funds to improve the flow of records? Adding that the 'listing function' was a manual process and inquired as to whether any of this process would be slated for improvement?

LaFave: chronicled improvements in the Register of Deeds as a result of MCAMLIS spending.

Bennett: moved to table the request until a later meeting and that the Register of Deeds provide a request in writing prior to the meeting.
Second: LaFave, Motion carried unanimous

V. <u>NEW BUSINESS</u>

V(a) BRIEFING BY MMSD STAFF ON THE STATUS OF REGIONAL GIS INITIATIVES UNDERWAY AT THE DISTRICT.

Nehmer: requested that this item be postponed to the next meeting.

VI. CORRESPONDENCE

Shaw: stated that there was nothing to report

VII. DATE, TIME AND PLACE OF NEXT MEETING

Shaw: August 28, City Campus

VIII. ADJOURNMENT

Motion: Olson
Scond: Bennett, Motion carried unanimous

Respectfully Submitted:

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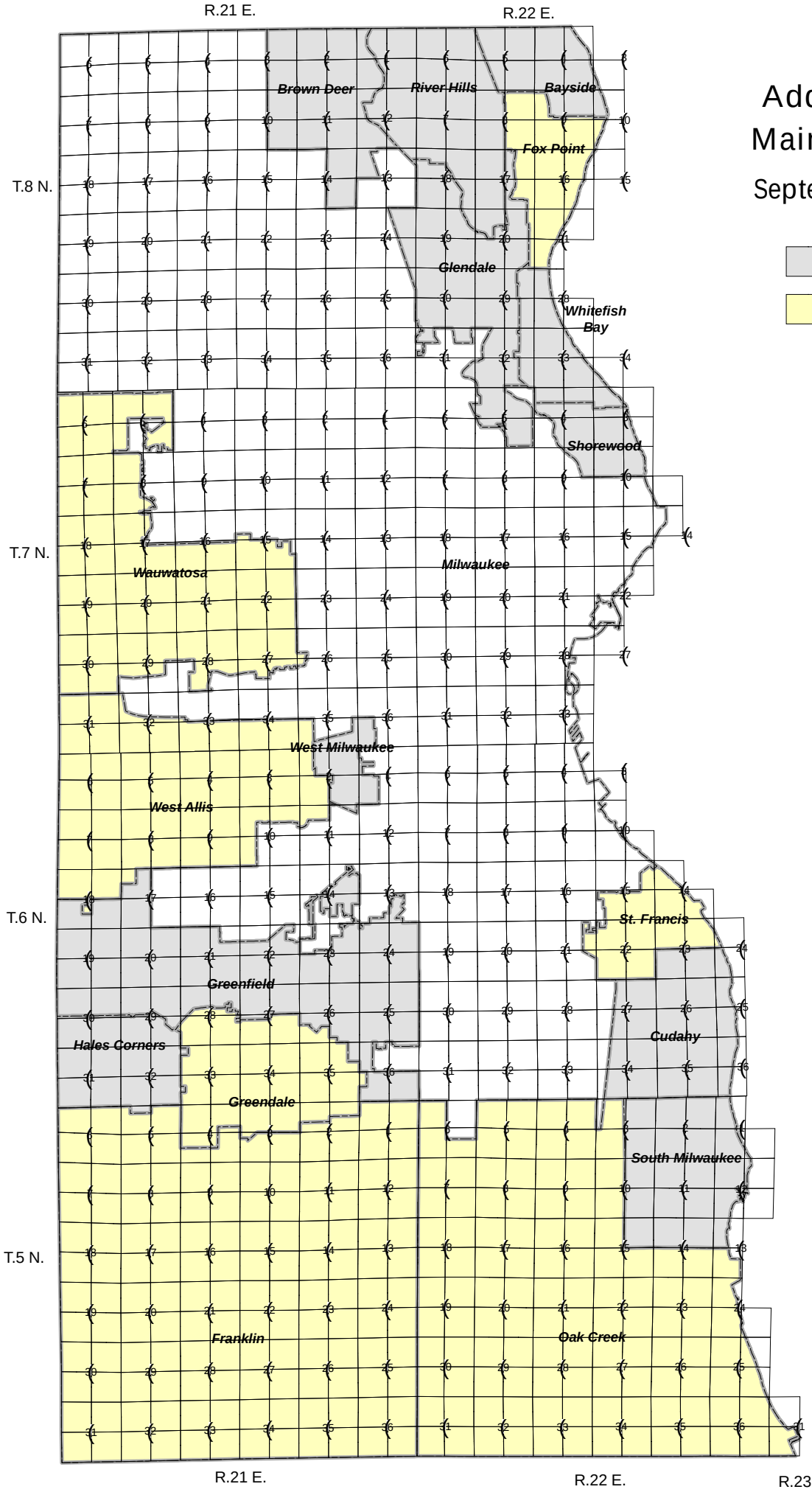
William Shaw, MCAMLIS Project Manager

MCAMLIS
Address Database Maintenance Status

September 2007 Status



January 1, 2007

September 1, 2007

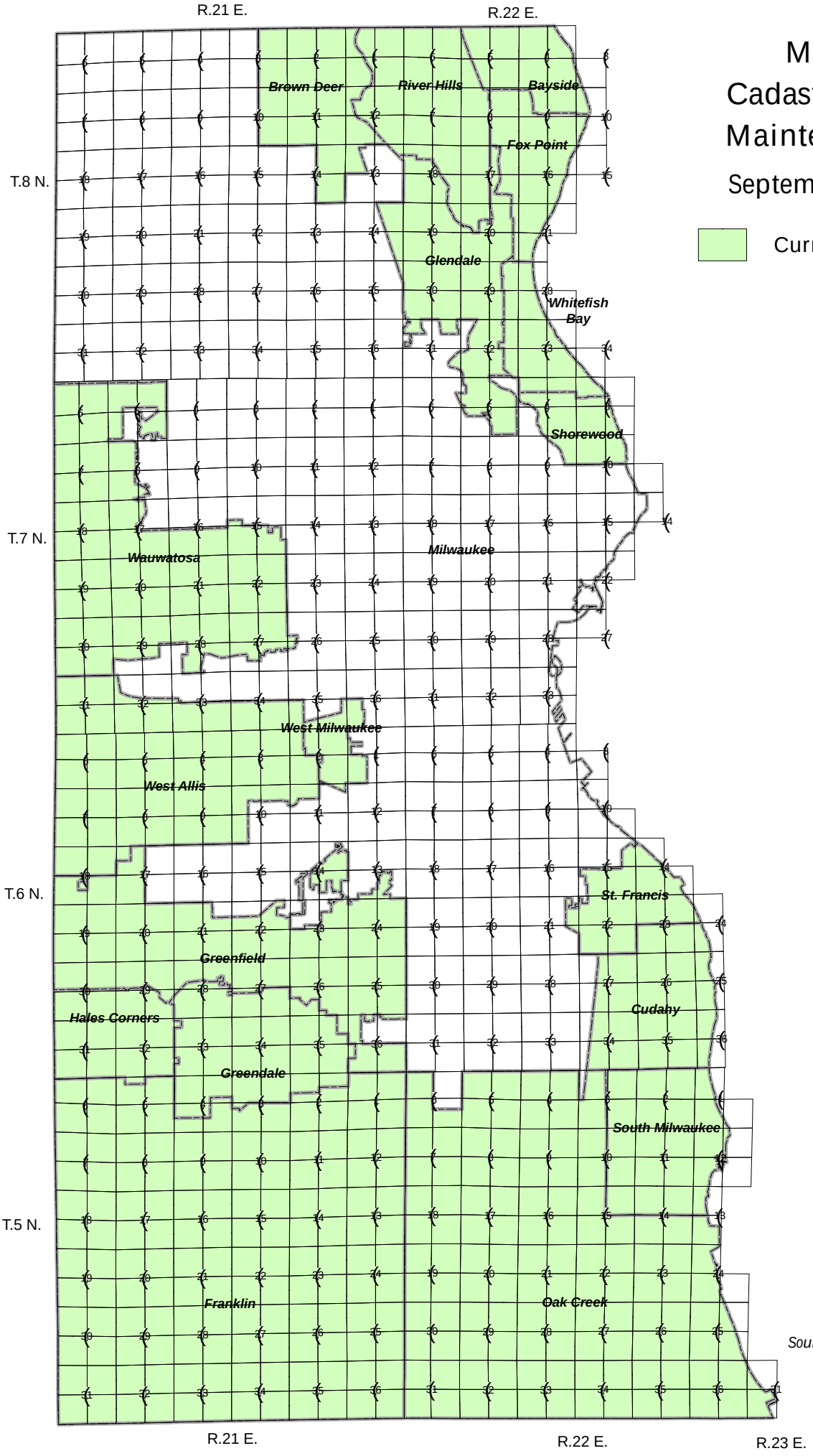
0 1 2 3
Miles

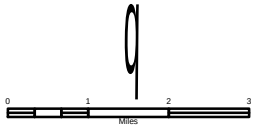
Source: MCAMLIS Project Manager

MCAMLIS
Cadastral Database Maintenance Status

September 2007 Status

Current as of August 1, 2007

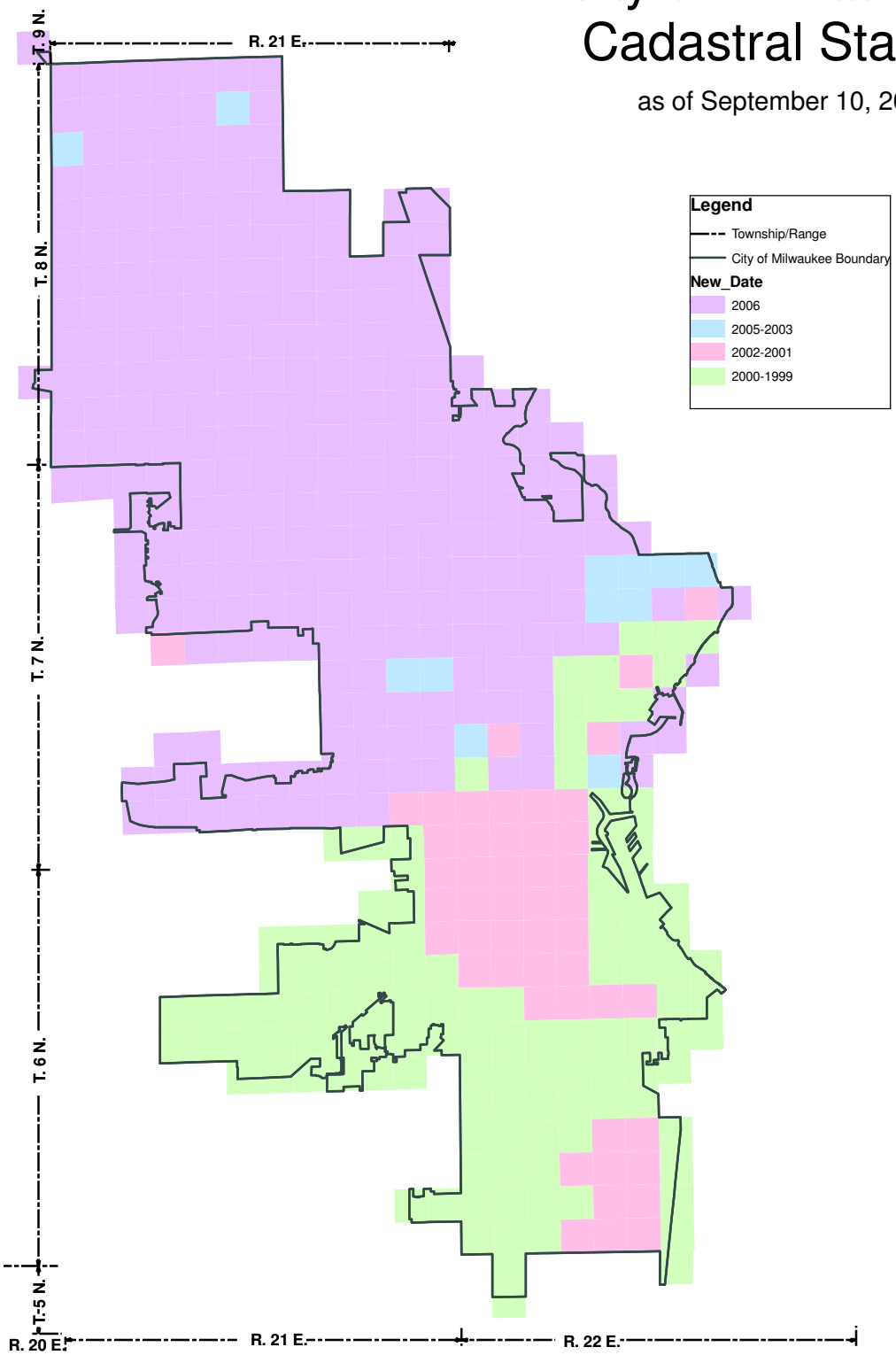




Source: MCAMLIS Project Manager

City of Milwaukee Cadastral Status

as of September 10, 2007



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Telephone (414) 278-2176

MEMORANDUM

TO: MCAMLIS Steering Committee
FROM: William C. Shaw, MCAMLIS Project Manager
DATE: September 14, 2007

SUBJECT: Enterprise Address System Project Status

BACKGROUND

The Milwaukee County Automated Mapping and Land Information System (MCAMLIS) has initiated a project to provide for the development of a Countywide "Enterprise Address System" (EAS).

The need for an EAS is a result of the many County and Regional services that rely on high quality address information to effectively provide critical services.

To meet this need, the EAS project has been designed to provide a comprehensive approach to the management of all Milwaukee County Address information.

The EAS Project will focus on the establishment of data, technology and organizational components required to serve all Milwaukee County units of government as well as many individual public service agencies.

Key objectives and characteristics of the EAS Project are highlighted below:

- Complete and standardized address information
- Current information to support user business processes
- Location-based, representing all physical address locations in Milwaukee County
- Enterprise support providing for a range of stakeholder interests
- Automated access and maintenance of addressing information
- Accessible to users at all levels and in compatible formats

ACTIVITIES THIS PERIOD

- 06/07 EAS Web Survey concluded and summary results compiled
- 06/07 staffed 2 interns assigned to gather and verify address data for Countywide structures and street centerline using 2005 topographic mapping, MSAG from AT&T We Energies customer meter address locations
- 07/07 EAS Sharepoint website installed in test environment on .asp server site
- 08/07 EAS Sharepoint website migration to County infrastructures test environment
- 08/07 Received Local Update of Census Addresses (LUCA) invitation to participate
- 08/07 EAS ArcServer Webmapping Environment RFP released for bid
- 08/07 EAS Web Survey follow-up with survey contacts e.g., obtaining and reviewing local address maintenance
- 08/07 EAS related: North Shore Fire Department address atlas prototype using EAS data
- 08/07 EAS related: Joint letter to all the municipal officials (Mayors, Administrators etc.) requesting Diggers ordinance
- 08/07 EAS workflow documents draft

- 09/07 EAS ArcServer Webmapping Environment bid close
- 09/07 EAS 'Working' Database refined

STATUS

- Significant progress has been made on incorporating multiple source information used to construct the EAS 'Working' database along with continued surveying of local requirements. Continuation of this work along with engaging willing municipalities in the LUCA project is expected to guide additional EAS development. The ArcServer Webmapping Environment vendor selection will also be completed in the coming period.

Encl: EAS Survey Notes

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MCAMLIS EAS Survey Notes

James A. Bennett, 31 August 2007

EAS Project Advisory Committee Question

Willing to serve on an EAS Advisory Committee? (D) is definitely, (M) is maybe. Suggest contacting the "Standing Member" Maybe's and asking if they would like to be "Rotating Members", then establish the Committee accordingly, try to keep total around 10-12.

Standing Member	Rotating Member	Org Contact
Bayside Police Dept (D)	City of Cudahy (M) [Miner?]	**City of Greenfield (D)**
City of Milwaukee (D)	City of Glendale (M)	**City of Oak Creek (M)**
City of Milwaukee - DPW (D)	Village of Fox Point (M)	**AT&T**
Village of Brown Deer (D)	Village of Hales Corners (M)	**City of Franklin**
MMSD (D)	WE Energies (M)	**City of South Milwaukee**
Diggers Hotline (D)		**Milwaukee Co Sheriff (D)**
City of St. Francis (M)		**SEWRPC (M)**
Milwaukee Co IMSD (M)		**Village of W. Milwaukee (M)**
City of Wauwatosa (M)		**Village of Whitefish Bay (D)**
City of West Allis (M)		

Current Address Maintenance Procedure Documentation Question

Respondents that indicated they have address procedures perhaps documented. Initial attempts to contact and request any documentation on procedures and/or standards has been started.

Organization	Contact	Requested	Received
City of Milwaukee	Nancy Olson 414-286-8710	M 8/30	
City of Greenfield	Jeff Tamblyn 414-329-5323	M 9/4	
We-energies	Karen Gross 414-385-6179	8/30/07	**8/30/07**
City of West Allis	Patrick Walker 414-302-8328	M 8/30	
City of Cudahy	Steve Miner gone 414-769-2207	Not till Oct	
City of South Milwaukee	Bruce Pendzich 414-768-8054	M 8/30	
City of Franklin	Todd Niedermeyer 414-525-1600	M 8/30	**Next Wed**
Village of West Milwaukee	Len Roecker (RA Smith) 262-786-1777	8/30/07	**Will send via email**

Responses for the EAS Address Maintenance Services questions broke down as follows:

Maintain addressing completely in-house with periodic transfer to/from EAS.

Very Likely	Maybe	Highly Unlikely
City of Cudahy (? Miner gone)	City of Glendale	**Bayside Police Dept**
City of Franklin	City of Greenfield	**City of Wauwatosa**
City of Milwaukee	City of Oak Creek	**Diggers Hotline**
City of Milwaukee - DPW	City of South Milwaukee	**MMSD**
City of St. Francis	Milwaukee Co IMSD	**SEWRPC**
City of West Allis	Village of Fox Point 2	**WE Energies 2**
Milwaukee Co Sheriff	Village of Hales Corners	
Village of Brown Deer		
Village of Fox Point (conflict)		
Village of West Milwaukee		
Village of Whitefish Bay		
WE Energies		

Maintain addressing directly through an application offered by EAS.

Very Likely	Maybe	Highly Unlikely
Bayside Police Dept	City of Cudahy (? Miner gone)	**City of Franklin**
City of Oak Creek	City of Glendale	**City of Milwaukee**
Diggers Hotline	City of Greenfield	**City of West Allis**
Milwaukee Co IMSD	City of Milwaukee - DPW	**Milwaukee Co Sheriff**
Village of Fox Point (conflict)	City of South Milwaukee	**MMSD**
	City of St. Francis	**SEWRPC**
	City of Wauwatosa	**Village of Whitefish Bay**
	Village of Brown Deer	**WE Energies 2**
	Village of Fox Point 2	
	Village of Hales Corners	
	Village of West Milwaukee	
	WE Energies	

Maintain addressing as-is with address notification to EAS though traditional means.

Very Likely	Maybe	Highly Unlikely
City of Greenfield	Bayside Police Dept	**City of Milwaukee**
City of South Milwaukee	City of Cudahy (? Miner gone)	**Diggers Hotline**
City of Wauwatosa	City of Franklin	**Milwaukee Co Sheriff**
Village of Fox Point 2	City of Glendale	**MMSD**
	City of Milwaukee - DPW	**SEWRPC**
	City of Oak Creek	**Village of Brown Deer**
	City of St. Francis	**Village of Hales Corners**
	City of West Allis	**WE Energies 2**
	Milwaukee Co IMSD	
	Village of Fox Point	
	Village of West Milwaukee	
	Village of Whitefish Bay	
	WE Energies	

Functional Groups Summary

In-house with to/from EAS	EAS Application
City of Cudahy (? Miner gone)	**Bayside Police Dept**
City of Franklin	**City of Oak Creek**
City of Milwaukee	**Diggers Hotline**
City of Milwaukee - DPW	**Milwaukee Co IMSD**
City of St. Francis	**Village of Fox Point (conflict)**
City of West Allis	**(Maybe's)**
Milwaukee Co Sheriff	**City of Cudahy (? Miner gone)**
Village of Brown Deer	**City of Glendale**
Village of Fox Point (conflict)	**City of Greenfield**
Village of West Milwaukee	**City of Milwaukee - DPW**
Village of Whitefish Bay	**City of South Milwaukee**
WE Energies	**City of St. Francis**
	City of Wauwatosa
	Village of Brown Deer
	Village of Fox Point 2
	Village of Hales Corners
	Village of West Milwaukee
	WE Energies

2008 WLIP Base Budget Grant Eligibility

	Fiscal Year 2006	Fiscal Year 2007 Revenue	
County	**County-Retained Fees Minus Add'l $1**	**County Contributions**	**County-Retained Fees Minus Add'l $1**
Adams	$ 44,444	$ 20,548	$ 41,096
Ashland	$ 19,148	$ 9,384	$ 18,768
Barron	$ 54,476	$ 24,590	$ 49,180
Bayfield	$ 28,320	$ 13,892	$ 27,784
Brown	$ 257,956	$ 112,992	$ 225,984
Buffalo	$ 14,868	$ 7,110	$ 14,220
Burnett	$ 33,736	$ 13,970	$ 27,940
Calumet	$ 51,868	$ 24,286	$ 48,572
Chippewa	$ 66,620	$ 30,780	$ 61,560
Clark	$ 33,640	$ 15,728	$ 31,456
Columbia	$ 74,024	$ 34,508	$ 69,016
Crawford	$ 16,352	$ 7,746	$ 15,492
Dane	$ 534,744	$ 239,172	$ 478,344
Dodge	$ 92,324	$ 39,960	$ 79,920
Door	$ 53,256	$ 22,586	$ 45,172
Douglas	$ 46,064	$ 21,462	$ 42,924
Dunn	$ 42,716	$ 19,154	$ 38,308
Eau Claire	$ 88,148	$ 41,820	$ 83,640
Florence	$ 7,748	$ 4,198	$ 8,396
Fond du Lac	$ 95,768	$ 44,228	$ 88,456
Forest	$ 13,828	$ 6,398	$ 12,796
Grant	$ 40,928	$ 19,074	$ 38,148
Green	$ 45,592	$ 22,868	$ 45,736
Green Lake	$ 25,564	$ 10,766	$ 21,532
Iowa	$ 30,388	$ 14,066	$ 28,132
Iron	$ 11,072	$ 5,394	$ 10,788
Jackson	$ 24,012	$ 10,708	$ 21,416
Jefferson	$ 94,724	$ 39,412	$ 78,824
Juneau	$ 34,800	$ 17,480	$ 34,960
Kenosha	$ 182,620	$ 79,218	$ 158,436
Kewaunee	$ 21,028	$ 10,228	$ 20,456
La Crosse	$ 109,284	$ 51,706	$ 103,412
Lafayette	$ 19,864	$ 9,038	$ 18,076
Langlade	$ 25,820	$ 11,702	$ 23,404
Lincoln	$ 35,628	$ 16,812	$ 33,624
Manitowoc	$ 80,700	$ 36,132	$ 72,264
Marathon	$ 135,796	$ 62,282	$ 124,564
Marinette	$ 56,644	$ 26,938	$ 53,876
Marquette	$ 25,164	$ 10,978	$ 21,956
Menominee	$ 2,668	$ 1,288	$ 2,576
Milwaukee	$ 878,556	$ 384,060	$ 768,120
Monroe	$ 46,944	$ 23,670	$ 47,340
Oconto	$ 58,212	$ 25,246	$ 50,492
Oneida	$ 66,556	$ 29,644	$ 59,288
Outagamie	$ 186,888	$ 82,658	$ 165,316
Ozaukee	$ 93,552	$ 42,254	$ 84,508
Pepin	$ 9,640	$ 3,928	$ 7,856
Pierce	$ 44,596	$ 20,260	$ 40,520
Polk	$ 68,556	$ 29,494	$ 58,988
Portage	$ 56,892	$ 34,178	$ 68,356
Price	$ 20,284	$ 9,544	$ 19,088
Racine	$ 218,064	$ 91,288	$ 182,576
Richland	$ 20,208	$ 9,518	$ 19,036
Rock	$ 170,692	$ 81,220	$ 162,440
Rusk	$ 20,796	$ 9,588	$ 19,176
Sauk	$ 136,844	$ 53,912	$ 107,824
Sawyer	$ 32,928	$ 14,692	$ 29,384
Shawano	$ 51,076	$ 22,956	$ 45,912
Sheboygan	$ 129,756	$ 55,172	$ 110,344
St. Croix	$ 117,608	$ 51,934	$ 103,868
Taylor	$ 20,400	$ 9,900	$ 19,800
Trempealeau	$ 32,456	$ 13,912	$ 27,824
Vernon	$ 29,284	$ 13,558	$ 27,116
Vilas	$ 49,164	$ 22,384	$ 44,768
Walworth	$ 141,232	$ 61,962	$ 123,924
Washburn	$ 29,332	$ 13,680	$ 27,360
Washington	$ 153,256	$ 66,238	$ 132,476
Waukesha	$ 431,656	$ 184,130	$ 368,260
Waupaca	$ 64,248	$ 28,226	$ 56,452
Waushara	$ 37,984	$ 16,002	$ 32,004
Winnebago	$ 166,652	$ 73,020	$ 146,040
Wood	$ 66,896	$ 28,716	$ 57,432
TOTAL	$6,323,552	$ 2,817,546	$5,635,092

Red Base Budget Eligible (41 Counties)

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
W239 N1812 ROCKWOOD DRIVE • PO BOX 1607 • WAUKESHA, WI 53187-1607•
TELEPHONE (262) 547-6721
FAX (262) 547-1103

Serving the Counties of: KENOSHA MILWAUKEE OZAUKEE RACINE WALWORTH WASHINGTON WAUKESHA

MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: September 14, 2007

SUBJECT: STATUS OF THE MCAMLIS 2005 - 2006 TOPOGRAPHIC MAPPING PROJECT

Introduction

The Agreement between the MCAMLIS Steering Committee and the Southeastern Wisconsin Regional Planning Commission (SEWRPC) governing this project was executed on December 22, 2004, and work on this project has been underway since January 2005.

Digital Orthophotography

All digital orthophotography files have been delivered to Milwaukee County for distribution and use.

Digital Terrain Model Files and Digital Topographic Mapping

Digital topographic map files and digital terrain model files (DTMs) for this project are organized in digital files or "tiles" that each cover an area of 10,000 feet by 10,000 feet on the Wisconsin State Plane Coordinate System grid. There are a total of 93 tiles covering the entire County. The relationship of this tiling scheme to areas of the U.S. Public Land Survey System (USPLSS) and to the municipalities in Milwaukee County is shown on the map attached as Exhibit A. The completion status of DTMs and digital topographic mapping for USPLSS survey townships in Milwaukee County is described as follows:

T8N-R21E and T8N-R22E

These two survey townships generally cover the area north of the 410,000-foot northing line as shown on Exhibit A. There are a total of 24 tiles in this area. DTM files and digital topographic map files for all 24 tiles have been reviewed by Commission staff, field checks have been completed, and all digital files have been accepted. Final digital files for all 24 tiles have been delivered to Milwaukee County.

T7N-R21E and T7N-R22E

These two survey townships generally cover the area between the 380,000-foot northing line and the 410,000-foot northing line as shown on Exhibit A. There are a total of 19 tiles in this area. This area contains the approximately 2.5-square-mile Marquette Interchange Reconstruction Project area where

DTMs and digital topographic mapping are not being collected at this time. Mapping for the Marquette Interchange area is expected to be completed in 2009.

DTM files and digital topographic map files for all 19 tiles in this area have been reviewed by Commission staff, field checks have been completed, and all digital files have been accepted. Final digital files for all 19 tiles have been delivered to Milwaukee County.

T6N-R21E and T6N-R22E

These two survey townships generally cover the area between the 350,000-foot northing line and the 380,000-foot northing line as shown on Exhibit A. There are a total of 20 tiles in this area. DTM files and digital topographic map files for all 20 tiles have been reviewed by Commission staff, field checks have been completed, and all digital files have been accepted. Final digital files for all 20 tiles have been delivered to Milwaukee County.

T5N-R21E, T5N-R22E, and T5N-R23E

These three survey townships generally cover the area south of the 350,000-foot northing line as shown on Exhibit A. There are a total of 30 tiles in this area. DTM files and digital topographic map files for all 30 tiles have been reviewed by Commission staff, field checks have been completed, and all digital files have been accepted. Final digital files for all 30 tiles have been delivered to Milwaukee County.

The Agreement between the MCAMLIS Steering Committee and the SEWRPC called for all of the work covered by the Agreement to be completed by June 30, 2007. The final digital files for this project were delivered to Milwaukee County in April 2007. The final field checks were completed in May 2007.

Contractual Arrangements

The 2005-2006 topographic mapping project is nearly complete. The only work remaining on this project is mapping for the approximately 2.5-square-mile Marquette Interchange Reconstruction Project Area. This work is expected to be completed in 2009, shortly after the construction project is finished. Per the terms of the Agreement governing this project, the SEWRPC will then review and finalize the digital terrain model files and digital topographic map files and deliver these materials to Milwaukee County. SEWRPC will also invoice the MCAMLIS Steering Committee for the final $33,725 of the project. With payment of this invoice, the project will be completed.

* * * * *

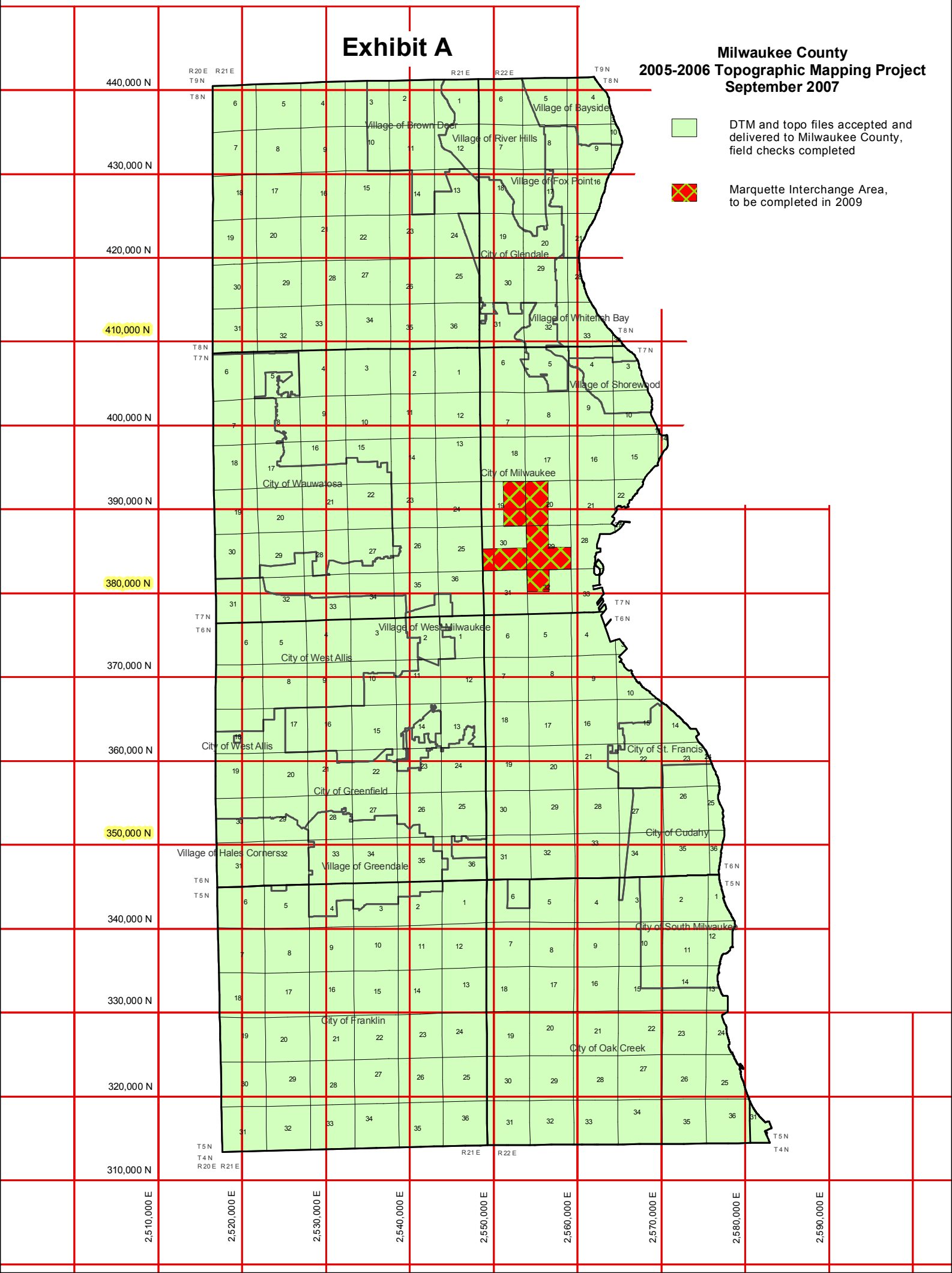
jgm
09/12/07
#130899 v1 - Status of MCAMLIS Mapping Project -- 09/2007

Exhibit A

Milwaukee County
2005-2006 Topographic Mapping Project
September 2007

DTM and topo files accepted and delivered to Milwaukee County, field checks completed

Marquette Interchange Area, to be completed in 2009



SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
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FAX (262) 547-1103

Serving the Counties of: KENOSHA MILWAUKEE OZAUKEE RACINE WALWORTH WASHINGTON WAUKESHA

MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: September 15, 2007

SUBJECT: STATUS REPORT NO. 8 ON REGIONAL WATER SUPPLY PLAN

This memorandum sets forth the progress made on the regional water supply planning program from May 15, 2007, the date of the last report to the Steering Committee, through September 15, 2007. The preparation of the regional water supply plan represents the third, and final, element of the SEWRPC regional water supply planning program. The first two elements, comprising the development of basic groundwater inventories and the development of a groundwater simulation model for the Southeastern Wisconsin Region, were completed over the past several years. These first two elements involved interagency partnership programs with the U.S. Geological Survey, the Wisconsin Geological and Natural History Survey, the University of Wisconsin-Milwaukee, the Wisconsin Department of Natural Resources, and many of the water supply utilities serving the Region. The third, and final, step in the planning program, the preparation of the water supply plan, was initiated January of 2005. In addition, the 2035 regional land use plan has been completed. That land use plan was separately funded and serves as the basis for the development of the regional water supply plan.

Progress on the water supply plan has been focused on the completion of water use forecasts through the plan design year 2035, the preparation of the state-of-the-art water supply practices and water law reports, the initiation of special groundwater analyses, and the development of conceptual alternative water supply plans.

Progress on the water supply plan is summarized in the attached Exhibit 1 and in the following paragraphs.

STUDY ORGANIZATION

As previously reported, a cooperative staffing arrangement is being used, involving the Southeastern Wisconsin Regional Planning Commission (SEWRPC) staff, consulting engineering and legal firms, and the groundwater technical staffs of the Wisconsin Geological and Natural History Survey (WGNHS), the U.S. Geological Survey (USGS), and the University of Wisconsin-Milwaukee. The contractual arrangements were previously completed through agreements with groundwater technical staffs of the State and Federal agencies concerned, with a consulting engineering firm for carrying out portions of the

work, and with a legal firm for a review of water supply laws. During this reporting period, the administrative direction and internal project management of the planning program was continued.

ADVISORY COMMITTEE

The Regional Water Supply Planning Advisory Committee met on July 17 and August 21, 2007, to review the water supply problems and issues to be addressed in the plan, as documented in a preliminary draft Chapter VII of the planning report. The Committee approved the problem and issue descriptions and related planning objectives and standards. The Committee also reviewed and approved a staff memorandum setting forth conceptual alternative water supply plans proposed to be developed in detail and evaluated.

PLAN REPORT PREPARATION

Chapter VII, "Problem Identification and Issues to Be Addressed," of SEWRPC Planning Report No. 52, *A Regional Water Supply Plan for Southeastern Wisconsin*, was completed, reviewed by the Regional Water Supply Planning Advisory Committee, and revised to address the Committee review comments. Seven of the 11 chapters of the planning report have now been finalized. All 10 chapters of SEWRPC Technical Report No. 43, *State-of-the-Art of Water Supply Practices*, have now been prepared and reviewed by the planning Advisory Committee and revised to reflect Committee review comments. The report is currently in the publication process.

All seven of the chapters of the report on water supply law, SEWRPC Technical Report No. 44, *Water Supply Law*, have been completed. The report has been published and is on the SEWRPC website.

GROUNDWATER MODELING ACTIVITIES

Work was continued on the groundwater sustainability analysis and on the groundwater recharge area analyses.

OTHER ACTIVITIES

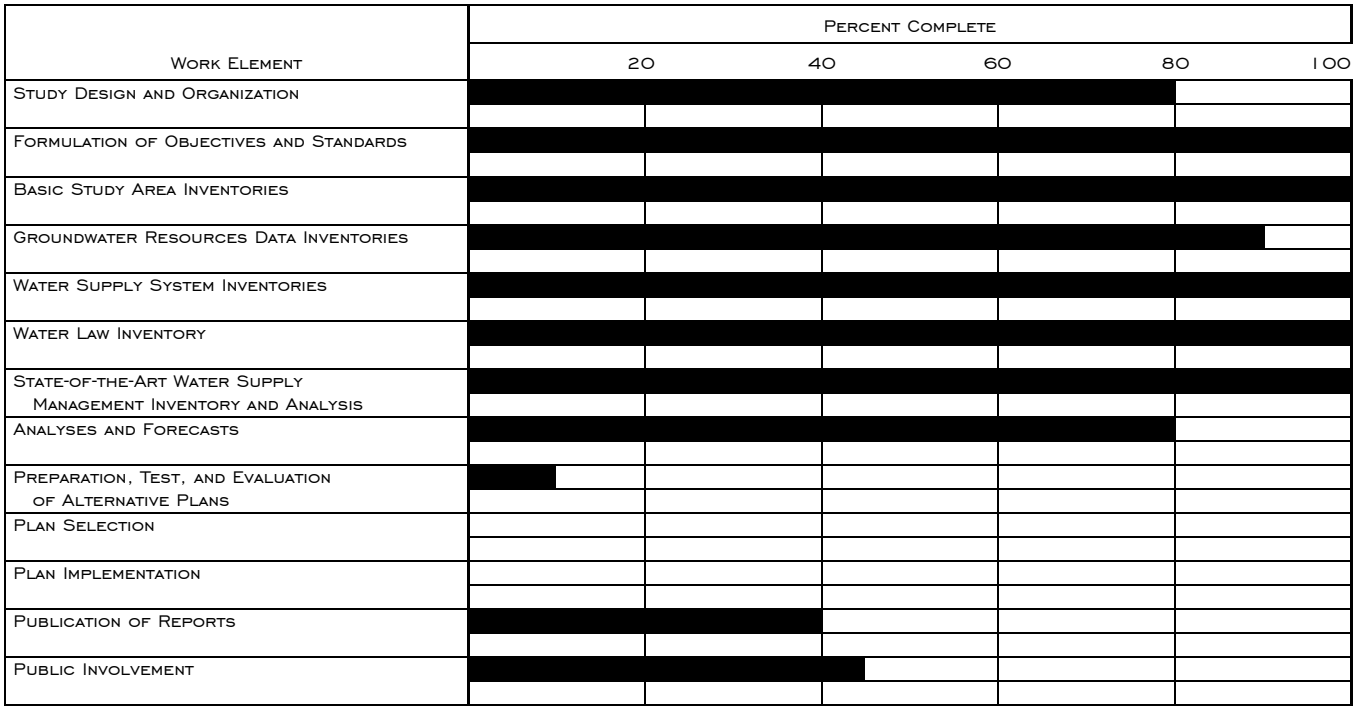
The Commission water supply planning website has been maintained. The Advisory Committee meeting minutes and report chapters are being placed on that site. The site also includes related presentations, reports, and other pertinent information. Three presentations on the planning program were made to governmental committees and staff and other interested parties.

* * *

#130911 V1 - MCAMLIS RWSP STATUS REPORT NO. 8
310-1001
KWB/RPB/pk

Exhibit 1

STATUS OF REGIONAL WATER SUPPLY PLAN: SEPTEMBER 15, 2007



#130911 V1 - MCAMLIS RWSP STATUS REPORT NO. 8
KWB/RPB/pk
09/15/07

Summary MCAMLIS
9/25/2007

MCAMLIS Financial Report		AS OF 9/24/07	TOTALS
12/31/06 Balance (Balance Sheet)*	$	1,755,032.08	$ 1,755,032.08
2007 Revenue Activity (YTD)**			
2007 YTD Activity $1.00		$130,805.00	
2007 YTD Activity $4.00		$523,220.00	
Other Revenue		$25,949.00	
Total Revenue YTD 2007			$679,974.00
2007 Expenditure Activity (YTD) including Encumbrances			
Personnel Services		$0.00	
Services		$1,424,694.28	
Commodities		$8,000.00	
Capital Outlay		$0.00	
Crosscharges		$238,584.83	
Total Expenditure YTD 2007			($1,671,279.11)
BALANCE AS OF 9-25-07			**$ 763,726.97**
Remaining Projected Revenues for 2007**		$250,026.00	
Remaining Projected Expenditures for 2007***		($325,799.00)	
2007 Projected Balance			($75,773.00)
Remaining Balance as of 9/25/07 (Based on Budget/Projections)			**$ 687,953.97**

Remaining Unrestricted Balances Based on 12-31-06 Close		
12/31/06 Balance (Balance Sheet)*	$	1,755,032.08
10% Reserve Fund Balance	$	105,000.00
Remaining Unrestricted Balance $1.00 Fee	$	564,660.40
Remaining Unrestricted Balance $4.00 Fee	$	1,064,371.68

Outstanding Authorized Commitments (Non-Encumbered) 2007-Onward		
$4.00 Fee		
2007 YTD Project Expenditures for $4 Fee (Encumbrances + Actual)	$	(1,014,411.25)
Additional Authorized Expenditures	$	(164,375.00)
2007 $4 Fee Remaining Projected Expenditures***	$	(93,953.57)
Remaining Unrestricted Balance $4.00 Fee	$	1,064,371.68
2007 YTD Revenue for $4 Fee	$	523,220.00
2007 $4 Fee Remaining Projected Revenues**	$	220,780.00
Remaining Unrestricted Balance $4.00 Fee	$	**535,631.86**
Remaining Restricted Balance $4.00 Fee	$	**700,006.86**
$1.00 Fee		
2007 YTD Project Expenditures for $1 Fee (Encumbrances + Actual)	$	(547,227.76)
Additional Authorized Expenditures	$	(23,485.45)
2007 $1 Fee Remaining Projected Expenditures***	$	(26,840.43)
Remaining Unrestricted Balance $1.00 Fee	$	564,660.40
2007 YTD Revenue for $1 Fee	$	130,805.00
2007 $1 Fee Remaining Projected Revenues**	$	55,195.00
Remaining Unrestricted Balance $1.00 Fee	$	**153,106.76**
Remaining Restricted Balance $1.00 Fee	$	**176,592.21**

Note: The $1 Fee Revenue can be used for no other purpose than Register of Deeds projects. Any amount not expended in this manner cannot be used for other MCAMLIS tasks.

* Balance includes both $1.00 and $4.00 fee revenue; Based on data provided by John La Fave, the balance sheet acount was divided between the two funds.

** Projected revenues are based on current estimates and YTD projections. Total revenues for 2007 are anticipated to be $930,000 ($186,000 for the $1 fee and $744,000 for the $4 fee). That is $121,000 under the budgeted revenues for 2007.

*** Projected expenditures for 2007 include the following: $164,375 for the $4 authorized balance amount, $23,485 for the $1 authorized balance amount, $89,415 in remaining crosscharges and $31,379 in miscellaneous outstanding budgeted expenditures. This is divided between the $1 and $4 fee based on use and budget.

Note: The amount of the reserve fund balance, as determined by the committee, is set at ten percent of current budgeted revenues. This equals $105,000 in 2007, of which $84,000 is for the $4 fee and $21,000 is for the $1 fee.

Authorized $1.00 Fee Projects

$1.00 Fee Authorized Projects as of September, 2007

Year Authorized	Project Description	Amount Authorized	Amount Paid 2002-2006	Amount Paid 2007 YTD	Amount Encumbered 2007	2007 Total Amount Paid (Encumbrances + Actual)	Total Amount Paid for Project (2002-2007)	Remaining Unpaid Balance
2002	Large Format Scanner	$13,090.00	$13,090.00	$0.00	$0.00	$0.00	$13,090.00	$0.00
2003	Improvements to Computer System	$240,000.00	$240,000.00	$0.00	$0.00	$0.00	$240,000.00	$0.00
2003	Electronic Recording	$45,000.00	$30,550.81	$0.00	$0.00	$0.00	$30,550.81	$0.00
2003	External Hard Drive/Two SNAP Servers	$40,000.00	$32,762.65	$7,237.35	$0.00	$7,237.35	$40,000.00	$0.00
2003/2005	Digital Images; Conversion of Microfiche*	$400,000.00	$193,659.21	$206,340.79	$0.00	$206,340.79	$400,000.00	$0.00
2005	Scanning A Card	$50,000.00	$24,014.55	$2,500.00	$0.00	$2,500.00	$26,514.55	$23,485.45
2005	Improvements to Computer System II**	$450,000.00	$118,850.38	$251,902.76	$79,246.86	$331,149.62	$450,000.00	$0.00
Total		**$1,238,090.00**	**$652,927.60**	**$467,980.90**	**$79,246.86**	**$547,227.76**	**$1,200,155.36**	**$23,485.45**

Data from John La Fave, Register of Deeds as of 9/13/07

Notes

* The coversion of microfiche project had an original authorization of $200,000. The current project authorization is $400,000 due to the Steering Committee approving three requests (at meetings held on 11/1/05, 8/22/06 and 3/6/07) that increased and then decreased expenditure authority for this project.

** The 2005 authorization for the improvements to the computer system was $150,000. At the August 2006 and again at the March 2007 meeting, the Steering Committee approved a total $300,000 increase in expenditure authority for this project.

2007 Outstanding Commitments as of 9/24/2007

Organization 1923-Automated Land Information System
$4.00 Fee

Vendor Name	Description	Amount Authorized	Amount Paid - Prior Years	2007 Amount Encumbered	Amount Paid 2007 YTD	Total Amount Paid 2007 (Encumbrances + Actual)	Remaining Unpaid Balance
SOUTHEASTERN WI REGIONAL	MCAMLIS Floodland Mapping Phase 2	$ 436,000.00	$ -	$ 186,000.00	$ 250,000.00	$ 436,000.00	$ -
SOUTHEASTERN WI REGIONAL	County Surveyor3	$ 77,175.00	$ -	$ -	$ 77,175.00	$ 77,175.00	$ -
SOUTHEASTERN WI REGIONAL	Topographic Mapping Project	$ 3,252,710.00	$ 2,890,885.00	$ 39,925.00	$ 321,900.00	$ 361,825.00	$ -
CITY OF MILWAUKEE	Cadastral Address Maintenance*	$ 110,173.00	$ 17,153.75	$ 23,453.25	$ 34,308.00	$ 57,761.25	$ 35,258.00
CITY OF MILWAUKEE	Assesors Pictometry	$ 8,014.00	$ -	$ -	$ 8,014.00	$ 8,014.00	$ -
MILWAUKEE COUNTY	2007 Ortho Study	$ 2,915.00	$ -	$ -	$ -	$ -	$ 2,915.00
MILWAUKEE COUNTY	Enterprise Address System	$ 207,000.00	$ 7,162.00	$ 7,697.00	$ 65,939.00	$ 73,636.00	$ 126,202.00
	TOTAL	**$ 4,093,987.00**	**$ 2,908,038.75**	**$ 257,075.25**	**$ 757,336.00**	**$ 1,014,411.25**	**$ 164,375.00**

Data from Milwaukee County Advantage System and Gary Drent, A&E as of September 24, 2007

Notes

* The Cadastral Mapping Project had an original authorization of $74,915. The current project authorization is $110,173 due to the Steering Committee approving a request in November 2006 that increased expenditure authority for this project by $35,258.

2007 Fiscal Report as of 9/24/2007 - MCAMLIS					
Object	Revenue / Expense Name	Budget Amount	Actual Amount	Encumbrance	Net Amount
2299	OTHER ST GRANTS & REIMB	0.00	22,799.00	0.00	22,799.00
ST GRANTS & REIMBURSEMENTS		**0.00**	**22,799.00**	**0.00**	**22,799.00**
3237	RETAINED FEES -- $4.00 PORTION	840,000.00	523,220.00	0.00	(316,780.00)
3238	RETAINED FEES -- $1.00 PORTION	210,000.00	130,805.00	0.00	(79,195.00)
RECORD & FILING FEES		**1,050,000.00**	**654,025.00**	**0.00**	**(395,975.00)**
4999	OTHER MISC REVENUE	1,000.00	3,150.00	0.00	2,150.00
OTHER REVENUE		**1,000.00**	**3,150.00**	**0.00**	**2,150.00**
Total Revenues		**1,051,000.00**	**679,974.00**	**0.00**	**(393,825.00)**
5001	DIRECT LABOR CHARGED	0.00	0.00	0.00	0.00
PERSONAL SERVICES		**0.00**	**0.00**	**0.00**	**0.00**
6050	CONTRACT PERS SERV-SHORT	0.00	24,223.65	0.00	(24,223.65)
6147	PROF. SERV.-DATA PROCESS	50,000.00	0.00	0.00	50,000.00
6148	PROF. SERV-RECURRING OPER	2,344,622.00	498,098.71	286,923.06	1,559,600.23
6637	R/M COMPUTER EQUIP	46,165.00	545,734.99	65,054.73	(564,624.72)
6812	MEETINGS OTHER AUTH TRAVL	6,000.00	4,620.63	0.00	1,379.37
6999	SUNDRY SERVICES	0.00	38.51	0.00	(38.51)
SERVICES		**2,446,787.00**	**1,072,716.49**	**351,977.79**	**1,022,092.72**
7915	COMPUTER SOFTWARE	5,000.00	0.00	0.00	5,000.00
COMMODITIES		**5,000.00**	**0.00**	**0.00**	**5,000.00**
8558	COMPUTER EQUIPMENT-Repl>$500	8,000.00	0.00	8,000.00	0.00
CAPITAL OUTLAYS		**8,000.00**	**0.00**	**8,000.00**	**0.00**
9706	PRO SERV DIV SERVICES	303,000.00	219,834.86	0.00	83,165.14
9742	DAS SERVICES	25,000.00	18,749.97	0.00	6,250.03
CROSSCHARGES		**328,000.00**	**238,584.83**	**0.00**	**89,415.17**
Total Expenses		**2,787,787.00**	**1,311,301.32**	**359,977.79**	**1,116,507.89**
Grand Totals		**(1,736,787.00)**	**(631,327.32)**	**(359,977.79)**	**745,481.89**

MILWAUKEE COUNTY

AUTOMATED MAPPING AND

LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 426
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: William C. Shaw, MCAMLIS Project Manager

DATE: September 14, 2007

SUBJECT: MCAMLIS Staff Report – Diggers Hotline

BACKGROUND

Historically, municipalities and utilities have given great attention and top priority to implementing processes that protect infrastructure from contractor damage. Damage to infrastructure is not only costly; it frequently results in service interruption and possible risk to public safety. To prevent infrastructure damage and to simplify the notification of all organizations with buried or overhead facilities, one-call entities such as Diggers Hotline Wisconsin have been established to process requests for locating and marking of buried municipal and utility facilities. For this process to work, it is critically important for Diggers Hotline to have current street information when handling locate requests through the call center.

To improve the timely updating of land information, Diggers Hotline contracted with the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee and Spatial Data Solutions, Inc. to recommend a solution for providing the one-call center with more timely updates for new subdivisions and certified survey maps (CSM's). Considering the fact that Diggers Hotline serves as the one-call service provider for all of Wisconsin, the recommendation would need to be acceptable for all counties in the State.

RECOMMENDATION

After carefully evaluating a number of alternatives, the MCAMLIS Steering Committee and the Diggers Hotline Board of Directors approved a recommendation that would have communities in the County pass an ordinance or resolution that requires the routing of all subdivision plats and certified survey maps (in formats currently acceptable to the communities) to the County Land Information Office. This routing would be done as soon as approval and permits could be issued. The Milwaukee County Land Information Office would then create an electronic file using a prescribed and tested file format and route that electronic file to Diggers Hotline for integration with their land information system.

STATUS

Progress is being made with regard to informing municipal leadership and requesting their cooperation and commitment (through ordinance passage). MCAMLIS and SDS staff attended and presented related materials at the June ICC meeting where many municipal leaders were present. MCAMLIS staff in cooperation with SDS personnel prepared the attached correspondence (including a draft ordinance

obtained from the City of Franklin); addressing these materials to Milwaukee County City Mayors, Village Presidents, City Administrators, City Managers and MCAMLIS Contact.

Additionally correspondence was received from the City of Glendale regarding passage and subsequent implementation of an ordinance in that city addressing the transfer of documents related to newly approved CSMs and Subdivision plats.

Encl: William Shaw, MCAMLIS Project Manager, 8/28/2007 letter to Milwaukee County Municipalities
John F. Fuchs, Glendale City Attorney, 6/29/2007 letter to William Shaw, MCAMLIS Project Manager
William Shaw, MCAMLIS Project Manager, 7/30/2007 letter to John F. Fuchs, Glendale City Attorney
John F. Fuchs, Glendale City Attorney, 8/2/2007 letter to William Shaw, MCAMLIS Project Manager

* * * * *

DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS

MILWAUKEE COUNTY LAND INFORMATION OFFICE

2711 West Wells Street, Rm 426, Milwaukee, WI 53208 (414) 278-2176

August 29, 2007

Historically, municipalities and utilities have given great attention and top priority to implementing processes that protect infrastructure from contractor damage. Damage to infrastructure is not only costly; it frequently results in service interruption and possible risk to public safety. To prevent infrastructure damage and to simplify the notification of all organizations with buried or overhead facilities, one-call entities such as Diggers Hotline Wisconsin have been established to process requests for locating and marking of buried municipal and utility facilities. For this process to work, it is critically important for Diggers Hotline to have current street information when handling locate requests through the call center.

To improve the timely updating of land information, Diggers Hotline contracted with the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee and Spatial Data Solutions, Inc. to recommend a solution for providing the one-call center with more timely updates for new subdivisions and certified survey maps (CSM's). Considering the fact that Diggers Hotline serves as the one-call service provider for all of Wisconsin, the recommendation would need to be acceptable for all counties in the State.

Recommendation

After carefully evaluating a number of alternatives, the MCAMLIS Steering Committee and the Diggers Hotline Board of Directors approved a recommendation that would have communities in the County pass an ordinance or resolution that requires the routing of all subdivision plats and certified survey maps (in formats currently acceptable to the communities) to the County Land Information Office. This routing would be done as soon as approval and permits could be issued. The Milwaukee County Land Information Office would then create an electronic file using a prescribed and tested file format and route that electronic file to Diggers Hotline for integration with their land information system.

It is important to understand that the introduction of this new procedure should not change any current procedures that a municipality may have in place for the routing of subdivision plats or CSM's for approval and final recording with the County Register of Deeds Office.

Ordinance/Resolution

As noted, the success of this undertaking will require that municipalities route new subdivision plats or CSM's to the County Land Information Office as soon as approval is given. The County

Land Information Office will be responsible for creating an electronic file from those documents and forwarding new streets to Diggers Hotline.

Discussions are underway with the County Land Information Officers and there is agreement by the County Land Information Offices to support the proposal. What remains now is for communities to pass an ordinance or resolution that will require developers to provide plats or CSM's for routing to the Land Information Office. Whatever format that is currently acceptable to the community will be accepted by the County.

To facilitate the passage of an ordinance or resolution for your community, a sample resolution drafted by the City of Franklin has been attached for your consideration.

Conclusion

A project is underway to implement a new process for improving the accuracy and currency of the land information for the Diggers Hotline One-call System in Southeastern Wisconsin. The implementation of this new process is supported by the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee, the Milwaukee County Land Information Office and the Land Information Officers for Dane, Kenosha, Ozaukee, Racine, Walworth, Washington and Waukesha County.

Agreement and adoption of an ordinance or resolution in support of this process will benefit the constituents of your community and lessen the likelihood of damage to infrastructure and improve excavator safety. Simply put, it is the right thing to do and in cooperation with Diggers Hotline, the expectation is that all communities and utilities will benefit from this important initiative.

Thank you for your attention to this matter and should you have questions or require more information please do not hesitate to call.

Sincerely,

William Shaw, MCAMLIS Project Manager
Milwaukee County Land Information Office
Milwaukee County Department of Transportation and Public Works
bill.shaw@milwcnty.com

DIGGERS HOTLINE

14100 West National Avenue, New Berlin, WI 53151
1 (800) 982-0299

SPatial Data Solutions, Inc.
3116 West Valleyview Court, Mequon, WI 53092
1(414) 690-7090

STATE OF WISCONSIN CITY OF FRANKLIN MILWAUKEE COUNTY

RESOLUTION NO. 2007-____

A RESOLUTION REQURING THE ROUTING OF ALL GEO-REFERENCED SUBDIVISION PLATS AND CERTIFIED SURVEY MAPS TO THE COUNTY LAND INFORMATION OFFICE UPON APPROVAL

WHEREAS, there is a need to have the most current information in the Diggers Hotline database to ensure public safety when excavating or construction work proceeds; and

WHEREAS, an investigation into opportunities to improve the currency of street and address information for Diggers Hotline resulted in a process that will significantly improve the currency of information in the one-call land information system; and

WHEREAS, the proposal recommends that an ordinance require the routing of all subdivision plats and certified survey maps (in formats currently acceptable to the community) to the County Land Information Office upon approval of the final plat or certified map; and

WHEREAS, building permits not be issued until said routing has been accomplished; and

WHEREAS, the County Land Information Office will create an electronic file using a prescribed format that was established as a result of the investigation, and route that electronic file to Diggers Hotline for their processing; and

WHEREAS, adoption of this resolution will benefit municipalities by improving a safe environment for excavators and constituents and lessening the likelihood of damage to buried or overhead infrastructure.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Common Council of the City of Franklin, Wisconsin, that all City staff responsible for the review and administration of subdivision plats and certified survey maps shall see to it and are hereby directed to deliver all subdivision plats and certified survey maps (in formats customarily utilized by the City of Franklin) to the County Land Information Office following final approval thereof and upon recording.

BE IT FURTHER RESOLVED, that in the event the Common Council determines in the future that the directed routing procedure is more appropriately proscribed within an ordinance within the Municipal Code, it shall entertain such legislation, accordingly.

Introduced at a regular meeting of the Common Council of the City of Franklin this _____ day of _____, 2007.

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this _____ day of _____, 2007.

APPROVED:

_____

Thomas M. Taylor, Mayor

ATTEST:

_____
Sandra L. Wesolowski, City Clerk

AYES _____ NOE

FUCHS,
DESTEFANIS
& BOYLE, S. C.

TELEPHONE:(414) 257-1800
FACSIMILE: (414) 257-1510
FDB@FDBLAW.COM

620 NORTH MAYFAIR ROAD
MILWAUKEE, WISCONSIN 53226-4253

ATTORNEYS AT LAW

JOHN F. FUCHS
COURT COMMISSIONER
JOHN L. DESTEFANIS
REBECCA D. BOYLE
COURT COMMISSIONER

June 29, 2007

William Shaw
MCAMLIS Project Manager
Milwaukee County
Department of Transportation and Public Works
City Campus – Room 426
2711 W. Wells Street
Milwaukee, WI 53208

Dear Mr. Shaw:

Based upon some information disseminated at an ICC meeting, I had drafted the enclosed for consideration by the City of Glendale's Common Council. My concern is one of timing. Has routing or filing been structured or accomplished in such form as will allow the County Land Information Office to create electronic files acceptable for filing with Diggers Hotline? In other words, is this ordinance premature? Thank you for your anticipated response.

Very truly yours,

OFFICE OF THE GLENDALE CITY ATTORNEY

John F. Fuchs

John F. Fuchs
City Attorney

JFF/rls

ORDINANCE NO. _____

An Ordinance Creating Title 14, Chapter 1, Section 39, of the Code of Ordinances of the City of Glendale Pertaining to Diggers Hotline

---

The Mayor and the Common Council of the City of Glendale, Milwaukee County, Wisconsin, do herewith ordain as follows, to-wit:

SECTION I

Title 14, Chapter 1, Section 39, of the Glendale Code is hereby created to provide:

14.1.39. **FILING OF PLATS AND CERTIFIED SURVEY MAPS WITH COUNTY LAND INFORMATION OFFICE AND DIGGERS HOTLINE.**

All GEO referenced subdivision plats, certified survey maps, and plats in any other form subject to review and approval by the City of Glendale, shall be submitted in a format acceptable to the Director of Public Works/City Engineer, or his/her designate. Upon approval of such plat or certified survey map, it shall be routed to, or filed with, the County Land Information Office. No building permit will be issued until such routing or filing has been accomplished in such form as will allow the County Land Information Office to create an electronic file in a format acceptable for electronic filing with Diggers Hotline.

SECTION II

All ordinances or parts of ordinances contravening the terms and provisions of this ordinance are hereby to that extent repealed.

SECTION III

This Ordinance shall take effect upon passage and publication as provided by law, and the City Clerk shall so amend the Code of Ordinances of the City of Glendale, and shall indicate the date and number of this amending ordinance therein.

PASSED AND ADOPTED by the Common Council of the City of Glendale, this _____ day of _____, A.D. 2007.

_____
Mayor Jerome A. Tepper

Countersigned:

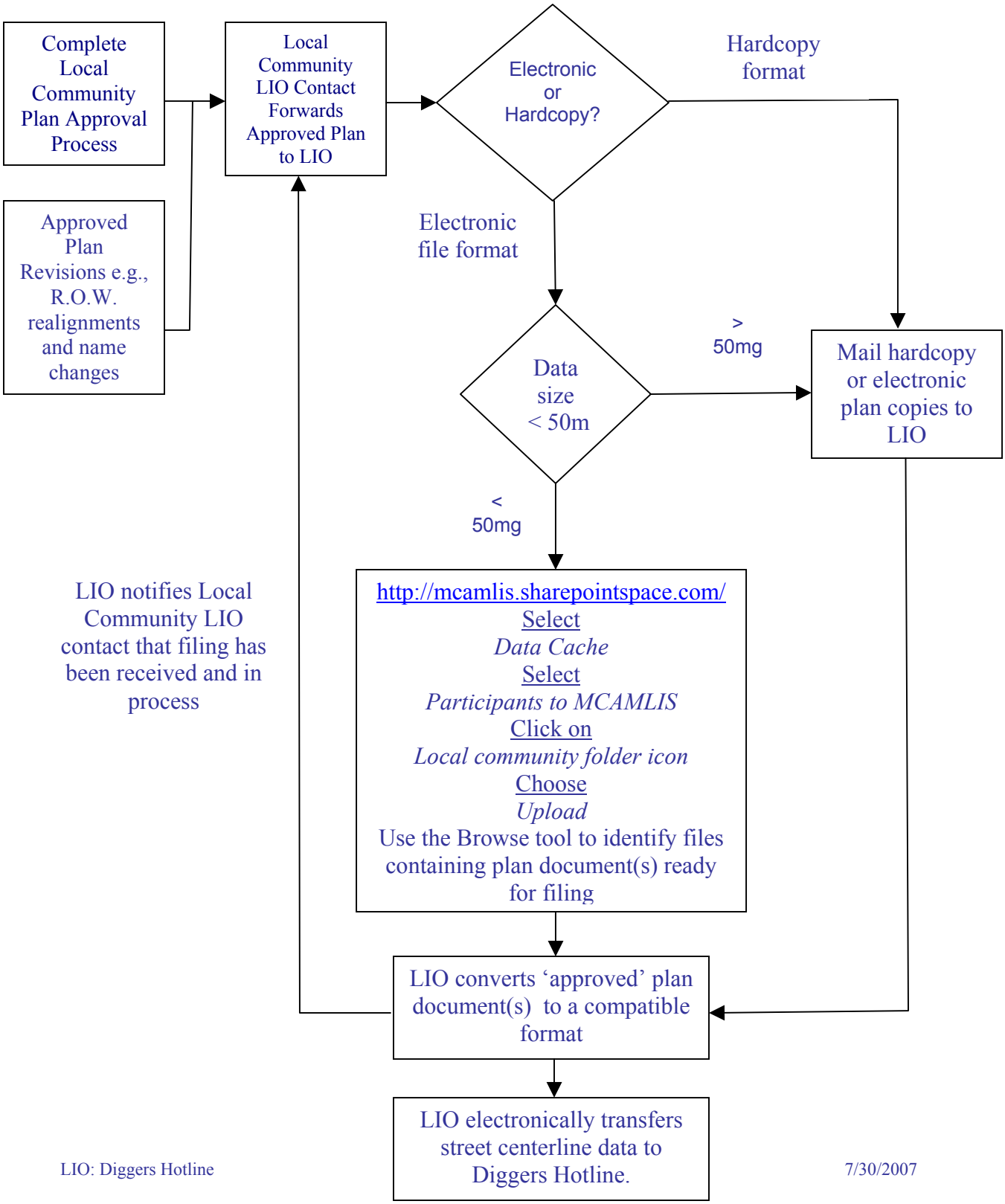
_____
Susanne Hanaman, City Clerk

MILWAUKEE COUNTY

LAND INFORMATION OFFICE

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 426
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176
Fax (262) 547-1103

Diggers Hotline Work Flow Process



MILWAUKEE COUNTY

LAND INFORMATION OFFICE

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 427
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

July 30, 2007

John F. Fuchs
Glendale City Attorney
Fuchs, DeStefanis & Boyle, S.C.
620 North Mayfair Road
Milwaukee, Wisconsin 53226-4283

Dear Mr. Fuchs:

Thank you for your inquiry regarding internal Milwaukee County Land Information Office work procedures as may be necessary to accept, file and format City of Glendale approved maps and plats in a manner acceptable for electronic delivery to Diggers Hotline.

Regarding your concern, the Land Information Office in cooperation with Diggers Hotline has successfully tested a limited set of technical and logistical prototype procedures meant to facilitate this activity. Notwithstanding, the City of Glendale is the first municipality in Milwaukee County to enact an ordinance of this type making it critically important to coordinate efforts with the City of Glendale Public Works/City Engineer during this early stage of the process to enable this office to effectively address Diggers Hotline operational requirements across each of the 19 Milwaukee County communities.

The electronic and/or hardcopy transfer of documents related to newly 'approved' platted lands is expected to be facilitated through a combination of web technology and/or more traditional transfer mechanisms. A Process Workflow Diagram outlining procedures for communicating locally approved plans is included in an attachment to this letter.

To aid further discussion and process development, it is requested that the City of Glendale designate an LIO Contact person(s). Locally designated LIO Contact personnel will be responsible for communicating with the Land Information Office on this and other related matters and will be provided access to necessary web based tools made available for this purpose. I look forward to hearing from you in this regard.

Very truly yours,
Milwaukee County Land Information Office

William C. Shaw
MCAMLIS Project Manager

Attach: Diggers Hotline Work Flow Process
Procedural Changes for Diggers Hotline

* * * * *

Spatial Data Solutions, Inc.

IMPORTANT

It is important to understand that the introduction of this new procedure for facilitating the processing of requests through the Diggers Hotline one-call system should not change any current procedure in place for the routing of subdivision plats or CSM's to the State for approval and final recording with the County.

PROCEDURAL CHANGES FOR DIGGERS HOTLINE

Over the past several months, a project has been underway to introduce a new process for improving the accuracy and currency of the land information database used by the Diggers Hotline one-call system. The implementation of this new process has been supported by the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Committee, the Milwaukee County Geographic Information Systems (GIS) Office and other Land Information Officers in Southeastern Wisconsin.

The entire implementation of the new process includes 4 phases:

Phase I	Investigation and Pilot Study of a new process
Phase II	Approve results and Diggers Hotline Board approval to proceed
Phase III	Agreement to implement new process by County GIS Managers
Phase IV	Pass an Ordinance or Resolution to implement process
Phase V	Implementation of procedure

All work on the first three phases has been completed. Work on Phase IV is underway and communities are currently passing ordinances or resolutions that requires the following:

Upon approval of the final plat or certified map, route all geo-referenced subdivision plats and certified survey maps (in formats currently acceptable to the community) to the County Land Information Office. Building permits will not be issued until the routing has been accomplished. Finally, the County GIS office will create an electronic file using a prescribed format established during the pilot investigation and route that electronic file to Diggers Hotline for integration with their land information system.

After ordinances or resolutions have been passed, the final phase of work for Milwaukee County will require that the communities and the County comply with the following procedural responsibilities in order to complete the process:

Upon approval of the final subdivision plat or CSM, the municipality will route a copy of that plat or CSM (in electronic or paper format) to:

Mr. Bill Shaw, GIS Supervisor/MCAMLIS Project Manager
Milwaukee County-City Campus
2711 West Wells Street, 4th Floor
Milwaukee, WI 53208

The GIS Supervisor (Bill Shaw) will route the new plat or CSM to the GIS Technician (Kathleen Bach) for processing of centerline information as prescribed in the pilot specification.

The GIS Technician will route the electronic file for merging to the current land information system at Diggers Hotline.

DIGGERS HOTLINE

September 25, 2007

Status Report:

In addition to the MCAMLIS progress report:

1. Mr. Bennett arranged for a meeting with the ICC and discussed the Diggers Hotline and addressing initiative that is underway for Milwaukee County.

   The ordinance proposal was presented and based on a few questions it was assumed that the process was understood and accepted by the Council. (June)

2. Collaborated with Mr. Bennett and the City of Franklin personnel to prepare an ordinance that could be used as an example for other communities to use. (July)

3. The ordinance and background information was prepared and then distributed by Mr. Shaw. (August)

4. We are in the process of distributing information to all of the communities in the other 7 counties explaining the project and requesting passage of the ordinance. For now, the proposed process has the support of all land information officers.

5. It is expected that by the first week of October, all communities should have received information recommending passage of the resolution.

6. After distributing all of the background information, there will be a follow-up with the communities as to the status.

7. Racine County does not object to the program but feels that their limited resources will not permit for them to turn around an electronic file to Diggers Hotline in the desired timeframe. For now it was agreed that we will introduce the resolution but that the County Land Information will simply forward the plats or CSM's to Diggers Hotline. Diggers Hotline personnel will enter those streets.

8. Contractor is in the process of taking the data files from Milwaukee County and loading into the Diggers Hotline system. The expectation is that Ozaukee County will be next, followed by Waukesha County, Washington County and then the balance of counties.

   Development of procedures and the final format for addition of new subdivisions is being developed. Training for Diggers personnel will begin in about two weeks.

REGISTER OF DEEDS

Milwaukee County

JOHN LA FAVE • Register of Deeds

September 12, 2007

To: MCAMLIS Steering Committee
From: John La Fave, Register of Deeds (ROD) J.L.
Re: Request for new authorization for **Improvements to Computerized System**

I request that MCAMLIS approve a new authorization of **$150,000** from the $1.00 retained fee for **Improvements to Computerized System** in the Register of Deeds department.

This amount should cover the costs of two projects in the Register of Deeds department:
(1) Continuation of the verifying backlog project – approximately $65,000
(2) Federal Tax Lien (FTL) database project – approximately $85,000

Verifying backlog project

Since February 2007 Superior Support Resources (SSR) has assisted ROD to reduce the verifying backlog from a peak of 20 months worth of data to nine months. Continuation of this project will reduce the backlog to almost zero by the end of 2007. On Nov.1, 2005 the MCAMLIS Steering Committee gave approval to spending for several projects including the verifying project. At that time the verification project was described as:

"Eliminating the Verification backlog: An important element for assuring quality real estate data and the ability to successfully search land records of the Register of Deeds is to verify the indexed data and correct any errors that are found. In May 2004 the Register of Deeds was forced to suspend verification of data (for the first time in its history) due to unfilled positions. As a result the index is second rate. The backlog of data that needs verification is now at 15 months, approximately 300,000 documents. Although verification resumed in April 2005, it would take years for ROD employees to eliminate the backlog even working overtime. ROD proposes to eliminate the backlog by using the services of an outside company that would assist with the verification process."

COURTHOUSE, ROOM 103 • 901 NORTH 9TH STREET • MILWAUKEE, WISCONSIN 53233 • (414) 278-4021 • FAX (414) 223-1257

Federal Tax Lien (FTL) database project

The Register of Deeds (ROD) has a stand-alone database containing information regarding federal tax liens that were filed in the ROD. The database has two distinct sections known as (1) Legacy and (2) Day Forward. The information is finite; it won't be added to.

The older portion of the database known as Legacy can be searched by the taxpayer's name to bring up an image of a card that has information about the lien on that taxpayer. After the database was created, data from new FTLs were entered directly into the database. This Day Forward data is accessed in a separate portion of the database.

The existing FTL database is primitive and clumsy. It cannot be made accessible on the Internet. When a customer wants to search for a name, he or she must do it twice.

Legacy and Day Forward must be searched separately and the customer must identify a range of letters to search from. For instance, searching for the last name of *Edward* would need to be done by clicking on the range it falls in, such as D-F. Also an asterisk* has to be typed in after the name, so the customer actually has to type *Edward**.

ROD wants to create a new FTL database that is attractive, user friendly and accessible on the Internet.

The database would contain all of the data from both Legacy and Day Forward as data, not images. Only one search of a name would be required and results would come up that formerly resided in the two separate sections, Legacy (scanned image) and Day Forward (data).

Superior Support Resources (SSR) would create the database and partner with AmCad company who will use a special scanning program to pull data from approximately 136,000 FTL cards.

FEDERAL TAX LIEN

NAME OF TAXPAYER: SHANKLIN, BRIAN, ET AL

c/o WILLIAM P. FISCHER GEN. PTR.

RESIDENCE OR PLACE OF BUSINESS: 1505 S. 82nd ST., WEST ALLIS, WI 53214

AMOUNT OF TAX: $6,017.43

COLLECTOR'S SERIAL NO.:

FILING TIME: CORR. MARCH 26, 1996 @ 11:48 AM
OCT 21, 1994 @ 8:26 AM

REGISTER'S FILE NO.: 127474
123600

PARTIAL RELEASE FILING TIME:

REGISTER'S FILE NO.:

DISCHARGE FILING TIME: May 1, 1997 @ 8:18 AM
May 1, 1997 @ 8:18 AM

REGISTER'S FILE NO.: 130932
130935

4375

FEDERAL TAX LIEN

NAME OF TAXPAYER: MOORE, JAMES E. et al

RESIDENCE OR PLACE OF BUSINESS: 3916 North 10th Street, Milw., WI 53206

AMOUNT OF TAX: $778.22

COLLECTOR'S SERIAL NO.:

FILING TIME: REFILE: AUG 1, 1986 @ 2:31 PM
OCT 17, 1979 @ 1:00 PM

REGISTER'S FILE NO.: 94457
73736

PARTIAL RELEASE FILING TIME:

REGISTER'S FILE NO.:

DISCHARGE FILING TIME: June 16, 1988 @ 10:56 AM
June 16, 1988 @ 10:56 AM

REGISTER'S FILE NO.: 101036
101037

FEDERAL TAX LIEN

NAME OF TAXPAYER: McCLENDON, JIMMY L. et al

RESIDENCE OR PLACE OF BUSINESS: 5815 W. Capitol Dr., Milwaukee, WI 53216

AMOUNT OF TAX: $62.72

COLLECTOR'S SERIAL NO.:

FILING TIME: JAN. 9, 1986 @ 1:19 PM

REGISTER'S FILE NO.: 92527

PARTIAL RELEASE FILING TIME:

REGISTER'S FILE NO.:

DISCHARGE FILING TIME: July 6, 1987 @ 2:45 PM

REGISTER'S FILE NO.: 97763

4375

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: 9/24/07

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: Request from the Register of Deeds for improvements to Computerized Systems.

FISCAL EFFECT:

☐ No Direct County Fiscal Impact

☐ Existing Staff Time Required

☒ Increase Operating Expenditures
(If checked, check one of two boxes below)

☒ Absorbed Within Agency's Budget

☐ Not Absorbed Within Agency's Budget

☐ Decrease Operating Expenditures

☐ Increase Operating Revenues

☐ Decrease Operating Revenues

☐ Increase Capital Expenditures

☐ Decrease Capital Expenditures

☐ Increase Capital Revenues

☐ Decrease Capital Revenues

☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure	150,000	0
	Revenue	0	0
	Net Cost	150,000	0
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.[1] If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. The Register of Deeds (ROD) requests $150,000 in funding for the completion of two projects. The ROD requests the continuation of a current project that seeks to eliminate the back log of verification of real estate and land record data in the amount of $65,000. This project began in February 2007, and is expected to be substantially complete by the end of 2007 with the requested appropriation. The second project involves the update of the Federal Tax Lien (FTL) database for improved data integrity and enhanced search ability. Currently, the database is segregated into two separate systems, one of which contains scanned images, the other containing electronic data. The system is unable to be linked to the internet in its current form, and is difficult to search and manipulate data. The requested project would convert the images into electronic data, as well as update and enhance the search function for easier use. This project requests funding in the amount of $85,000. Each project anticipates working with an outside contractor, Superior Support Solutions.

B. The ROD requests $65,000 for the continuation of the verification backlog project, and $85,000 for the enhancement of the Federal Tax Lien database. Both contracts are expected to be one-time expenditures.

C. Approval of these actions would result in the expenditure of $150,000 from the $1 fee account. It is assumed there would by no additional cost in future years associated with these projects (although the projects may be completed in a future year, the funding is assumed to be needed in the current year). The September fiscal report is projecting an unrestricted surplus of $153,106 for the $1 fee for 2007 therefore funds are currently available to cover this cost.

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[1] If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

D. No assumptions other than the reported cost of the contractual services were made for this report.

Prepared By: Alexandra Kotze, Milwaukee County, DAS- Fiscal Affairs

MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM

"RETURN ON INVESTMENT" REPORT ON CITY OF MILWAUKEE ASSESSOR USE OF PICTOMETRY

SEPTEMBER 1, 2007

HISTORY

At the sixty-fifth Steering Committee meeting on November 1st, 2005 a new business agenda item was presented titled "Consideration of possible MCAMLIS funding for purchase of county-wide license of Pictometry's oblique aerial photography". Since that time, several discussions and presentations have occurred regarding the uses and benefits this product might offer Milwaukee County and its communities. Many organizations throughout Milwaukee County have expressed interest in the product including the Intergovernmental Cooperation Council (ICC) which directed their representative on the Steering Committee to vote favorably for the proposal. Specifically, at the July 11th meeting the Committee made a motion to have the MCAMLIS staff generate a report to the Committee on the utility of this product as it may relate to the furtherance of the MCAMLIS program and to make recommendations to the Committee accordingly.

During the time that the product was being evaluated and the report prepared by the MCAMLIS staff, the Assessment Commissioner for the City of Milwaukee entered into a limited agreement with Pictomertry International Corp. The contract dated September 22, 2006, provided the oblique photography and software for a two year period to the City Assessors in Milwaukee County.

In the report, dated November 28, 2006 the MCAMLIS staff recommended underwriting the first year of the City of Milwaukee's Assessor's 2 year contract. This low cost entry point option allowed MCAMLIS the experience of Pictometry through the county's assessor function. In exchange for this consideration, *the City agreed* to provide a report to the MCAMLIS Steering Committee that describes, among other things, the ROI and other tangible and intangible benefits accrued to County Assessors through the utility of Pictometry over the period of 9/2006 through 9/2007.

CITY OF MILWAUKEE FINDINGS

The Pictometry product was used in a production environment by the City of Milwaukee Assessor's office for approximately eight months. The evaluation period was shortened due to the City of Milwaukee assessment cycle. The product implementation was not feasible until after the 2006 taxing year. In mid January the implementation began with a two day training program conducted by Pictometry International Corporation. The training consisted of one day of training for appraisers and staff and an additional day of training for administrators of the system.

The City of Milwaukee staff of 27 appraisers and 8 office staff used the Pictometry product to review exemptions, combinations/divisions, and prepare the Board of Review commercial cases. The most tangible benefit of using the Pictometry product is a reduction of field visits by city staff. Without the Pictometry product the staff often require a field visit to view properties. Data accumulated during six months indicates a significant dollar savings in staff time (see table below).

Activity	Frequency	Savings (staff salaries only)
Commercial Property Board of Review	**71 cases**	**$2,840**
Combination/Division Research	**309 instances**	**$12,360**
Exempt Property Review	**88 cases**	**$7,040**
	Total	**$22,240**

Another tangible benefit, not yet quantified, was the discovery of additional property along the Milwaukee River that was not previously assessed. This development has prompted a project to review all lands around the waterways to further identify any property unaccounted for in the assessment records.

An intangible benefit was realized in the evaluation period when using the product to enhance reports and exhibits prepared for Circuit Court on 74.37 matters and explaining assessments to taxpayer during the 2007 appeals process. During the appeals process the City of Milwaukee has 200+ walk-ins where citizens appear with questions or possible assessment objections. It is thought that, having the details and Pictometry will result in a better understanding by citizens

of the assessment process and minimize the number of official appeals. This customer satisfaction is priceless.

Standard practice in program evaluation is to capture the annual benefits of the program and compare the cost of the program. In this case, a one year evaluation was not feasible and limits the benefits in an ROI calculation to only the activities of the appraisers during Jan-Aug. Other uses for the product identified by the Assessor outside the evaluation timeframe are: use for residential Board of Review cases, sales research, market data research, and property condition analysis during the validation process. It is also noted that long-term impact would be evident when an additional year of photographs are available, making the product very useful to find changes for validation purposes.

MILWAUKEE COUNTY SUBURBAN PARTICIPATION

At the ICC meeting on January 8th, 2007 the MCAMLIS decision to fund the City of Milwaukee Assessor Pictometry contract was discussed. The representatives of the ICC were encouraged to contact the City of Milwaukee Assessor's Office for more details.

During the period between January 2007 and August 2007 the City of Greenfield and City of Cudahy installed and used the software. I believe that the limited involvement of the ICC members is due to the uncertain nature of the funding and therefore the continued availability of the product. Giving a positive outcome of this experience and a long term commitment of funding I believe that other communities will see the advantage and be willing to invest the time to learn the product and more importantly incorporate the product and its functions in the workflow of that organization.

CITY OF CUDAHY COMMENTS

Steve Miner, City Assessor for the City of Cudahy reported that "In Cudahy I have used Pictometry for discovery and verification of improvements for property assessment. I have also used the photos during Board of Review hearings. We have also used it to check story height for commercial properties. At this time we have no information available for ROI."

CITY OF GREENFIELD COMMENTS

Eric Miller, City Assessor for the City of Greenfield said that "The biggest use in our office right now is to verify the number of accessory buildings on the site, many of which seem to have been built without permits and then we will send the appraisal staff out to measure and list

them. Instead of sending the appraiser out to walk a neighborhood, we just do a virtual walk in the office that is 10X quicker and then just pick the properties we want to inspect."

"So far we think it is worthwhile, much clearer than our aerial photos and we are able to zoom out and look at the neighboring properties and other location factors".

"It's a good tool depending on what you are going to be using it for".

CONCLUSION

It is the City of Milwaukee experiences over this short time that leads us to the conclusion that this product is valuable to make our government more efficient and effective and its use will extend far beyond just the assessment process. Many other potential users exist and have expressed an interest in the Pictometry product including the Chief of the Milwaukee Police Department, Deputy Chief of Milwaukee Fire Department, City Planning staff from the Department of City Development, and management of the Forestry Division of the Department of Public Works. In fact, a survey conducted in Indianapolis by the Information Services Agency indicates their experience show a significant time savings per staff person on an annual basis. Based on a sample of 172 users who responded to the survey, 104 users (~ 60%) reported time savings of approximately 5,500 man hours per year.

To show the actual return at the City of Milwaukee Assessor's office of Pictometry, we compared the benefits of **$22,240** and the cost of **$8,016.** The ROI becomes:

$$\textbf{ROI} = \frac{\textbf{Net Benefits}}{\textbf{Costs}} = \frac{\$22{,}240 - \$8{,}016}{\$8{,}016} = 177\%$$

The positive ROI represents an indication of the success of the Pictometry product in terms of its return to the City of Milwaukee Assessor. The ROI is calculated conservatively, using City of Milwaukee experiences only since the participants from other local governments did not return monetary data. The possible reasons participants did not provide monetary data are timing was bad, significant change was occurring within the organization, short evaluation timeframe, uncertainty of funding. Even though the low return rate by participants outside the City of Milwaukee, the results demonstrate that the product achieved an impressive return on investment.

It is the City of Milwaukee experiences over this short time that leads us to the conclusion that this product is valuable to make our government more efficient and effective and its use will extend far beyond just the assessment process.

MILWAUKEE COUNTY

AUTOMATED MAPPING AND

LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 427
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: William C. Shaw, MCAMLIS Project Manager

DATE: September 13, 2007

SUBJECT: North Shore Fire Department Request for MCAMLIS Assistance

BACKGROUND

The North Shore Fire Department, which represents seven communities in Milwaukee County has requested assistance from the MCAMLIS project to help produce an accurate Address Atlas and Street Centerline map product. The current address map products in use by NSFD are not uniform across the seven communities and are maintained manually through a process of hand drawn updates on master map sheets. The proposed Address Atlas product would be derived from the MCAMLIS address and street centerline data and designed for purposes of use onboard NSFD fire and rescue vehicles. The proposed atlas would uniformly depict street, house number and hydrant locations on quarter-section centered pages. The Street Centerline map, generated from MCAMLIS data, would include all seven North Shore Communities and would be designed to be mounted in each NSFD fire house.

FISCAL CONSIDERATIONS

Aside from staff time that would be covered by MCAMLIS approved ongoing projects related to address information collection and maintenance there are one-time software charges that (if approved) would mitigate the need to incur further personnel commitments specific to this project.

These software charges include certain enhanced street centerline manipulation and database tools, a map atlas design/print tool, advanced geocoding support tools and professional training support related to the use and installation of the purchased software.

The software cost is estimated to be $10,000.

RECOMMENDATION

Staff recommends approval of this request for the following reasons:

- The Address Atlas has the potential to be adopted by multiple communities outside of the NSFD service area.

- It will be designed and built upon MCAMLIS countywide address data and can be reproduced for any location within the county through a simple selection process.
- The NSFD has committed to provide MCAMLIS notification of address changes throughout it's territory. This provides MCAMLIS staff with new resources that are committed to maintaining the most accurate and up-to-date address data.
- The software can be used in multiple Milwaukee County Land Information Office activities including support for the LUCA project related to the 2010 Census.
- The request falls within **Goals and Objectives** pg. 6 list item 10 of the Milwaukee County UPDATE TO LAND RECORDS MODERNIZATION PLAN: 2005 approved by the MCAMLIS Steering Committee 7/11/2006 which states the following:

  'Where appropriate, identify, initiate, and complete projects proposed by Milwaukee County or its constituent municipalities, agencies of the federal, state or regional government, public utilities and by private entities, including, importantly, interested citizens which would, by understanding of the MCAMLIS Steering Committee, prepare information and maps useful for meeting the needs of the County and it's local units of government and contributing toward the implementation the Wisconsin Land Information Program. Consideration of projects initiated under this objective would, likely, include, but would not be restricted to, diverse technologies and collaborative efforts e.g., those that may be required to scan and index County Surveyor plat records or as may be required to perform field data collection leading to improvements in the compilation of countywide land information asset inventories.'

Encl: Chief David J. Berousek, North Shore Fire Department, 8/8/2007 letter to MCAMLIS
William Shaw, MCAMLIS Project Manager, 9/12/2007 letter reply to Chief David J. Berousek
Exhibits of current and proposed examples of NSFD Address Atlas and Street Centerline maps

* * * * *

North Shore Fire Department

ADMINISTRATION
4401 WEST RIVER LANE
BROWN DEER, WISCONSIN 53223-2427
WWW.NSFIRE.ORG

August 8, 2007

MCAMLIS Project Manager
Mr. William Shaw
2711 W. Wells St. #426
Milwaukee, WI 53208

Mr. Shaw,

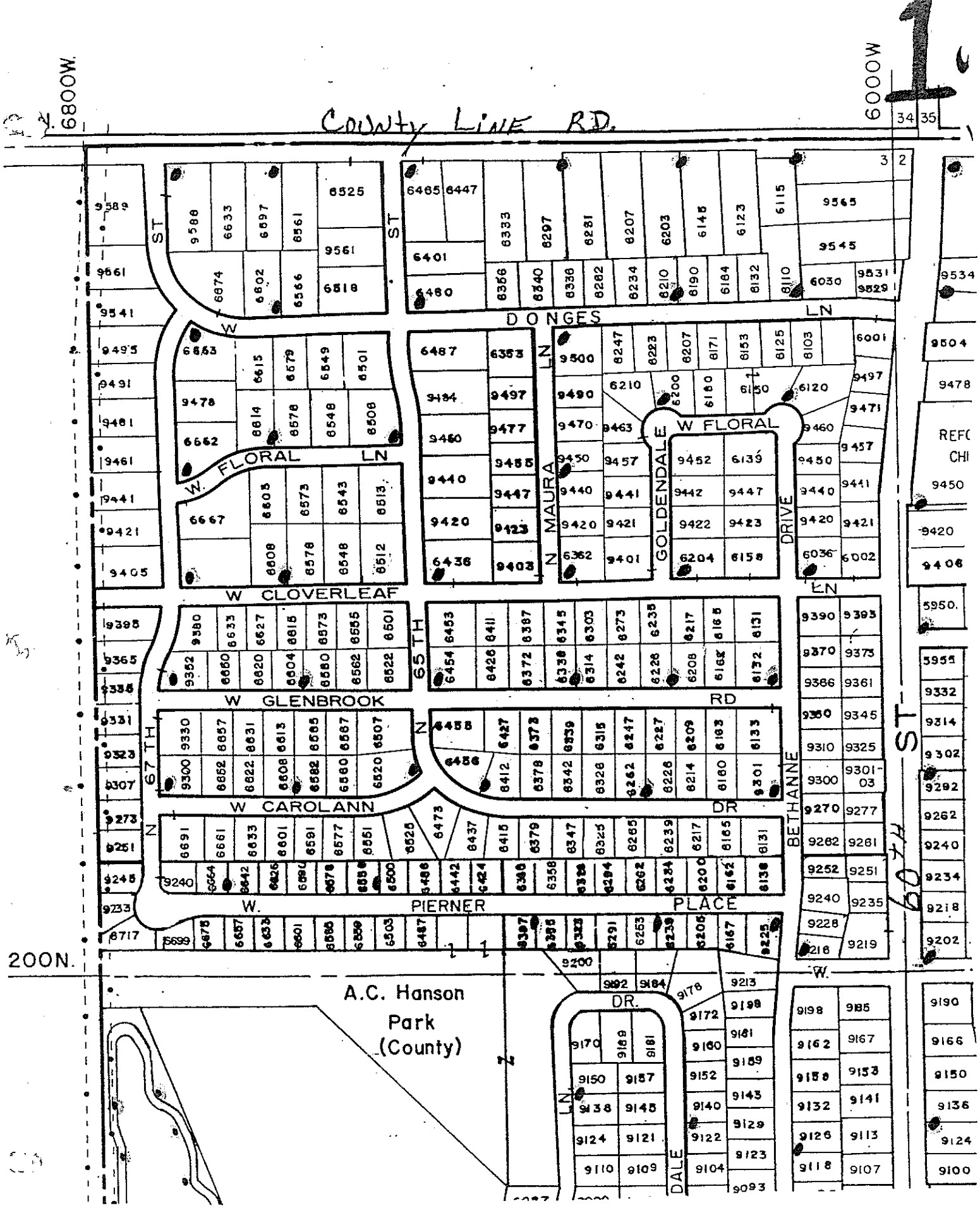
The North Shore Fire Department is presently involved in a project to produce accurate maps of the seven North Shore communities we serve and protect: Bayside, Brown Deer, Fox Point, Glendale, River Hills, Shorewood, and Whitefish Bay. As part of our project, we are searching for a single source for these maps. We are familiar with the county supported MCAMLIS mapping system. The North Shore Fire Department is requesting your assistance in achieving our goal of creating a single source for up-to-date maps of the North Shore. If this goal is met, accurate maps can improve response times and safety.

If you are interested in this project, please notify us to discuss our request. Lt. Pete Busalacchi is managing this project and can be reached at 414.357.0113 or pbusalacchi@nsfire.org. Thank you for your time and cooperation in this matter.

Respectfully submitted,

David J. Berousek
Fire Chief

DJB/kjw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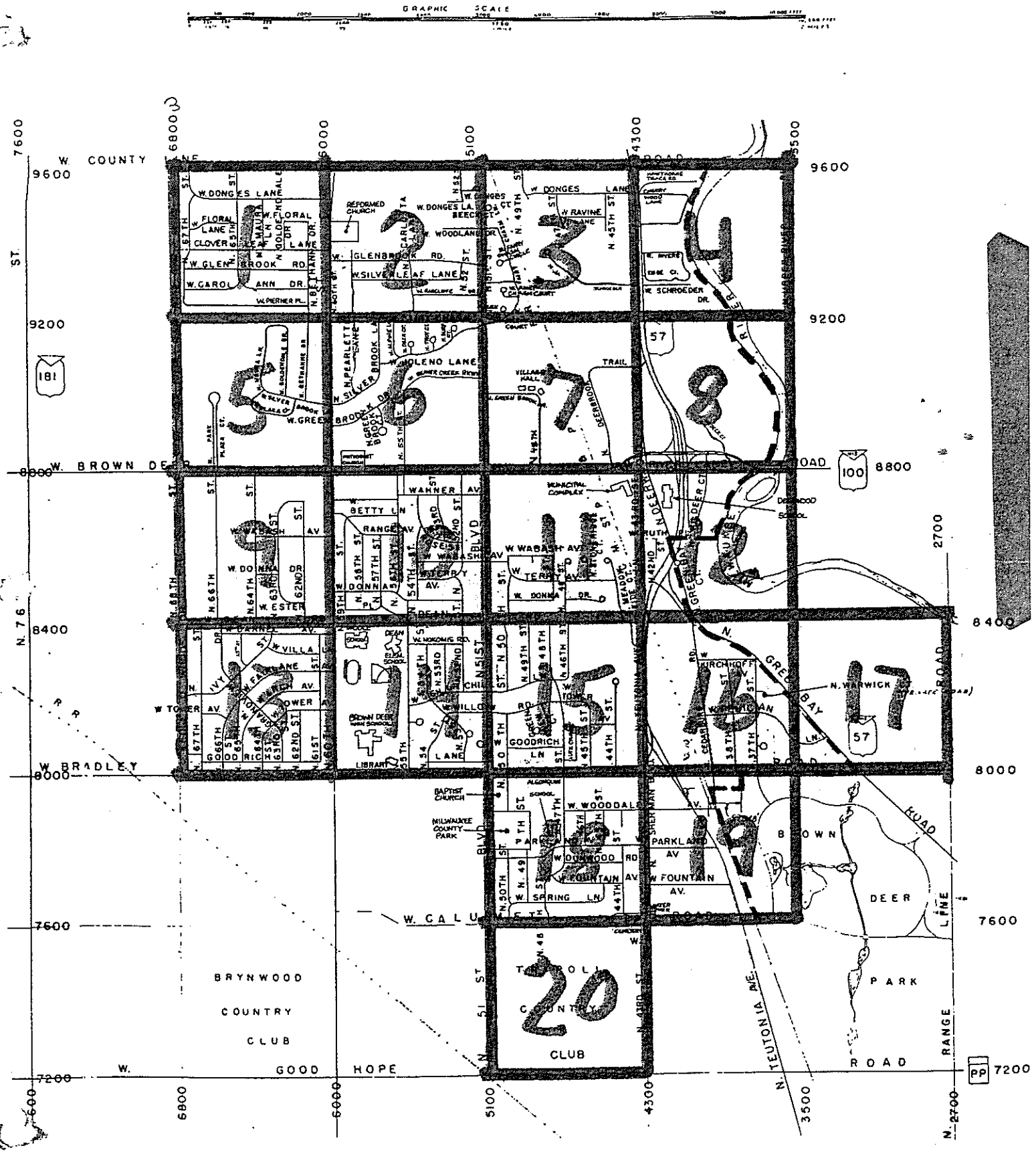
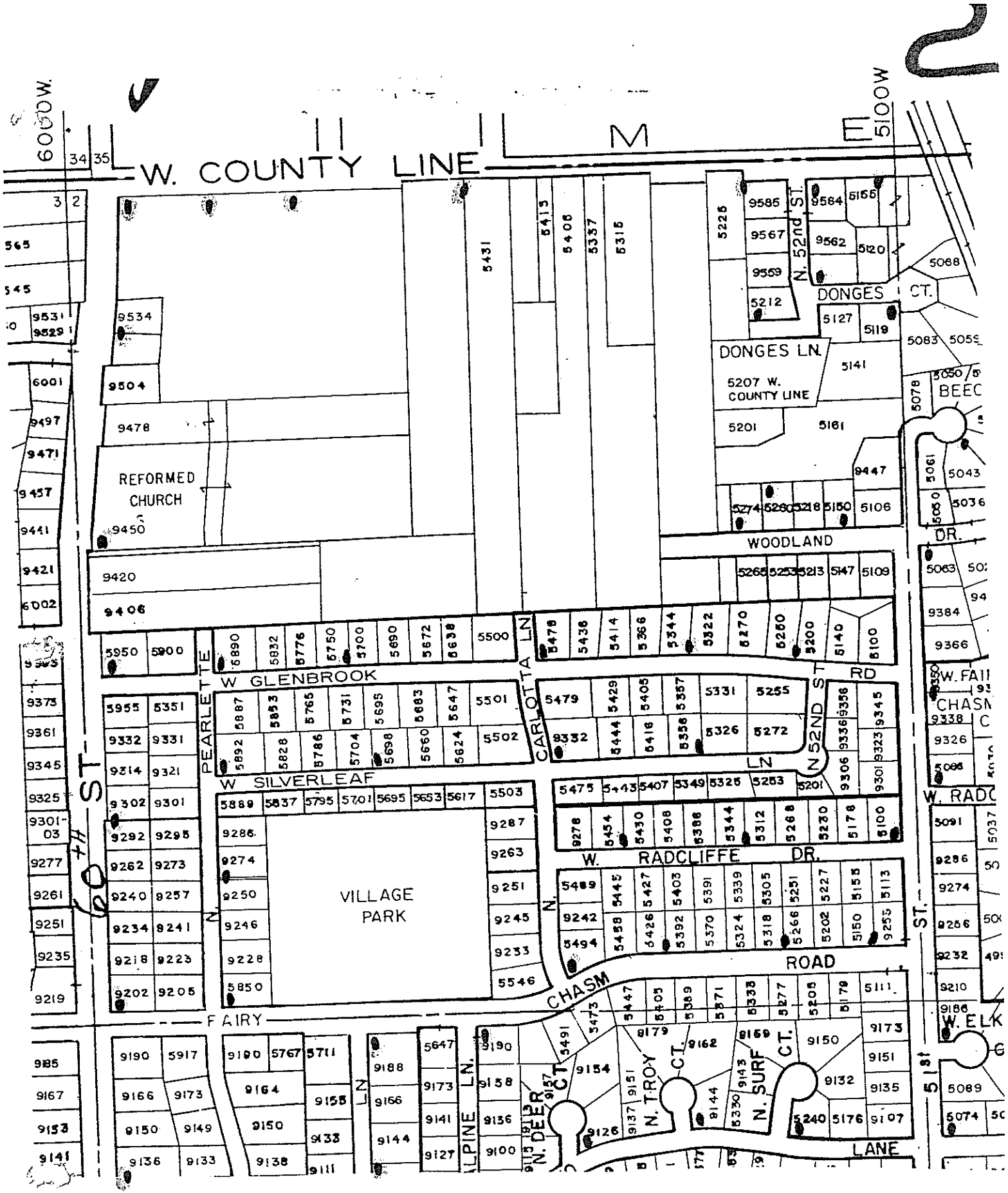
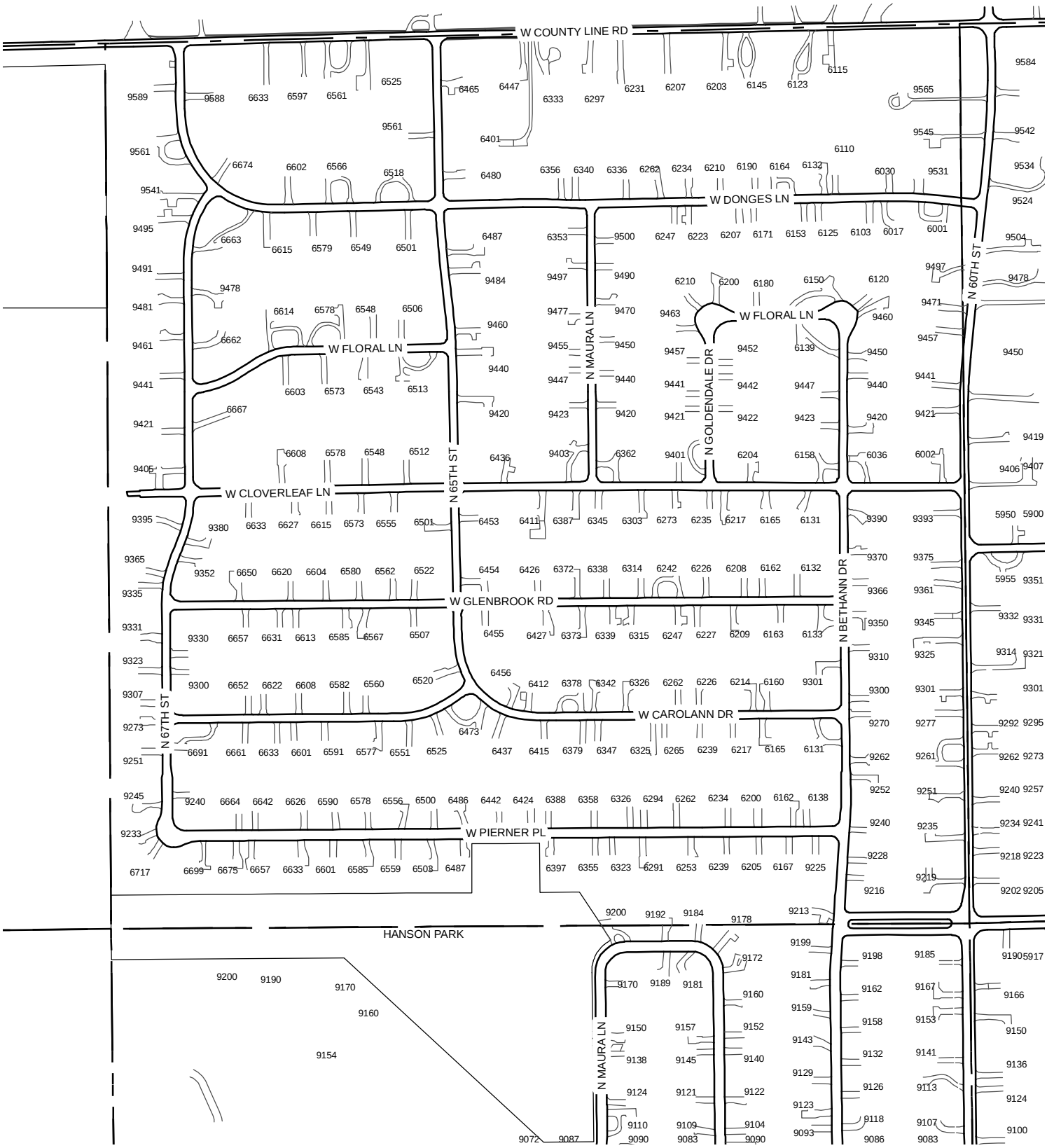
6800W.
6000W
200N.
W. DONGES LN
W. FLORAL LN
W FLORAL
W CLOVERLEAF
W GLENBROOK RD
W CAROLANN DR
W. PIERNER PLACE
67TH
65TH
MAURA LN
GOLDENDALE DRIVE
BETHANNE
DALE LN
DR.
A.C. Hanson Park (County)

VILLAGE OF BROWN DEER




W. COUNTY LINE
6000W.
5100W
N. 52nd ST.
DONGES CT.
DONGES LN.
5207 W. COUNTY LINE
REFORMED CHURCH
WOODLAND
W GLENBROOK
PEARLETTE
CARLOTTA LN
N 52ND ST
RD
W SILVERLEAF
VILLAGE PARK
W. RADCLIFFE DR.
ROAD
CHASM
FAIRY
N. DEER CT.
N. TROY CT.
N. SURF CT.
LANE
W. ELK
W. FAIR
CHASM
W. RADC
BEEC
DR.
51st ST.
68th ST

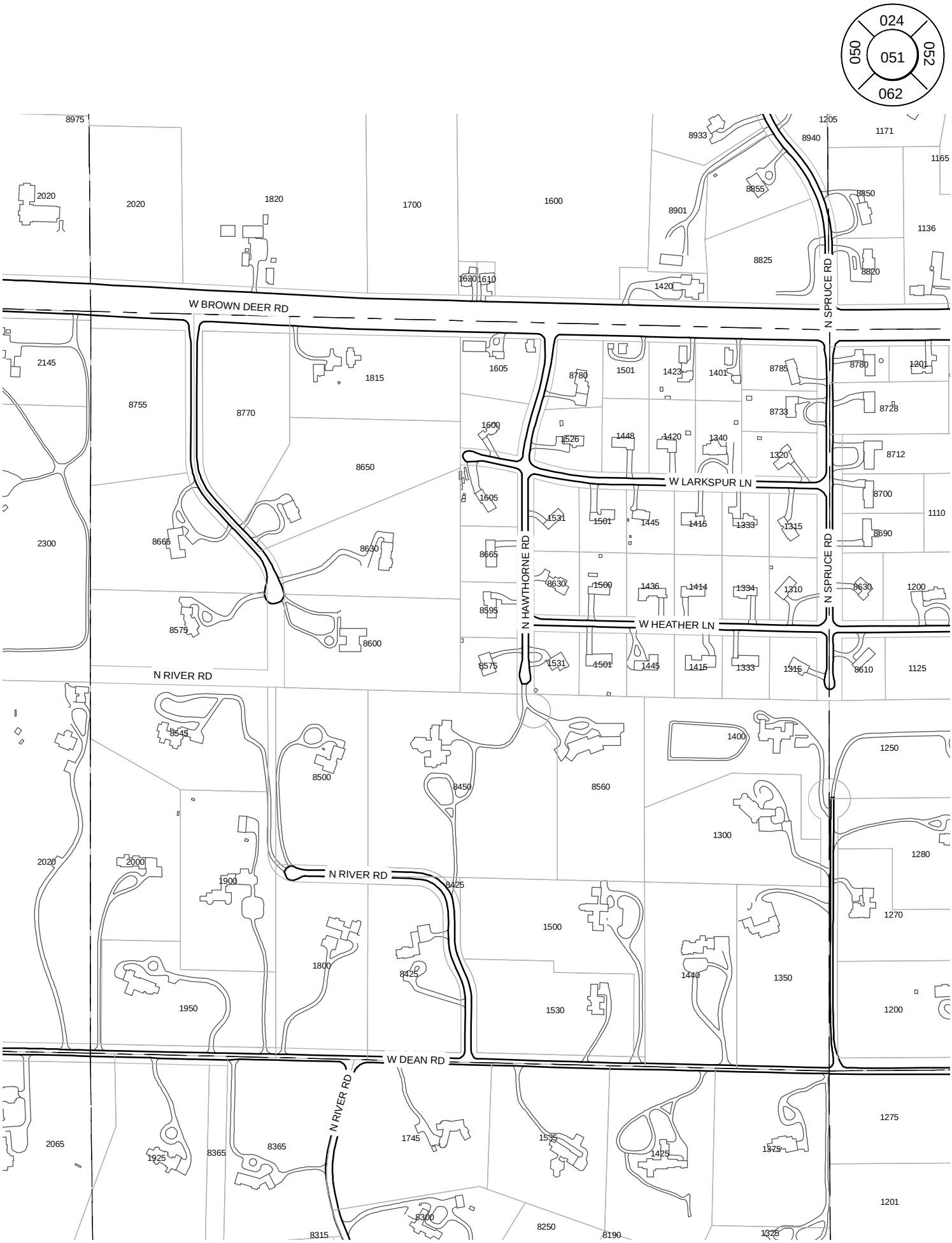
008



Map Prepared by Milwaukee County Land Information Office

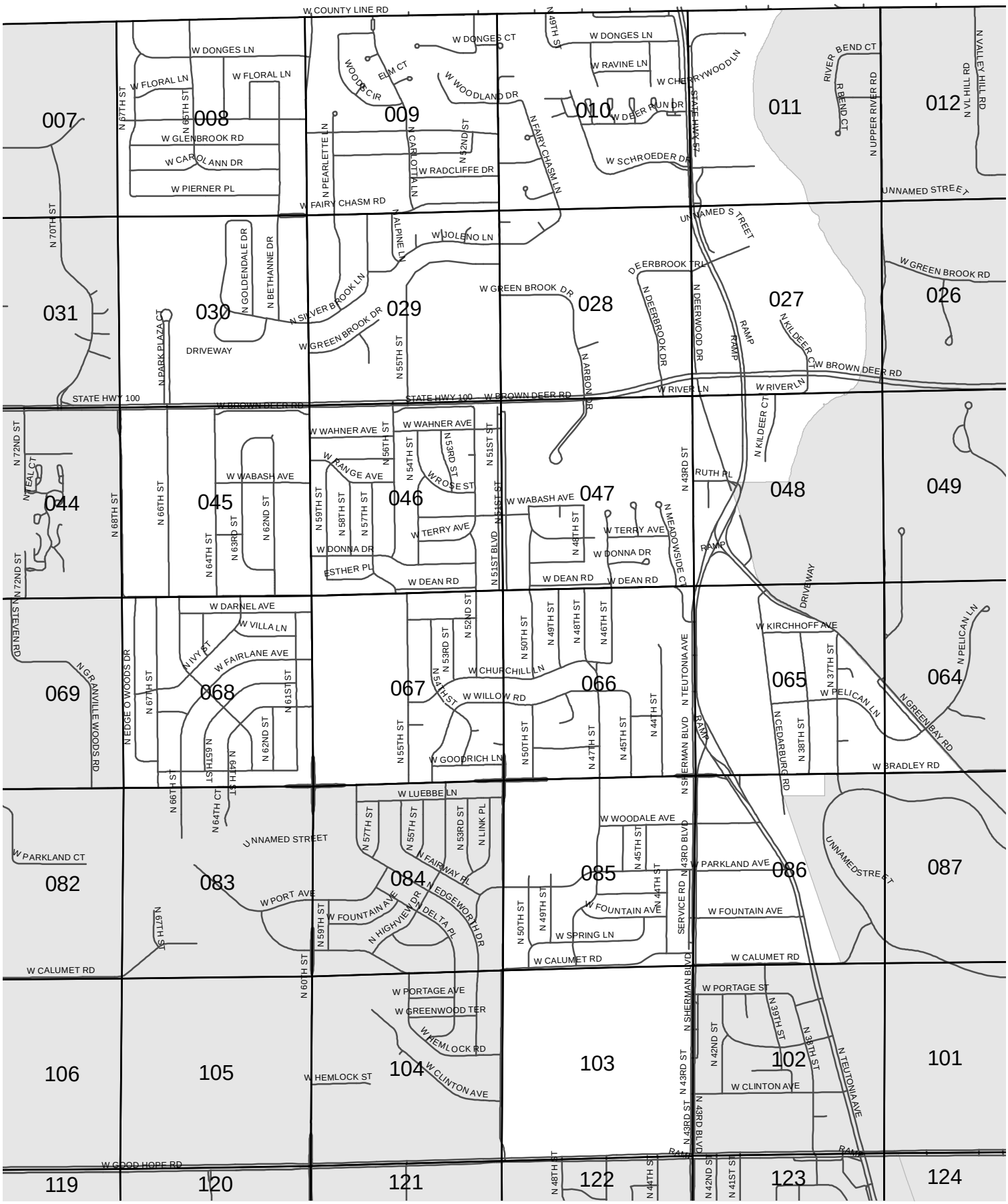
008

Map Prepared by Milwaukee County Land Information Office



Map Prepared by Milwaukee County Land Information Office

Village of Brown Deer



Map Prepared by Milwaukee County Land Information Office

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: 9/24/07

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: North Shore Fire Department Request for MCAMLIS Assistance

FISCAL EFFECT:

☐ No Direct County Fiscal Impact

☐ Existing Staff Time Required

☒ Increase Operating Expenditures
(If checked, check one of two boxes below)

☒ Absorbed Within Agency's Budget

☐ Not Absorbed Within Agency's Budget

☐ Decrease Operating Expenditures

☐ Increase Operating Revenues

☐ Decrease Operating Revenues

☐ Increase Capital Expenditures

☐ Decrease Capital Expenditures

☐ Increase Capital Revenues

☐ Decrease Capital Revenues

☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure	10,000	0
	Revenue	0	0
	Net Cost	10,000	0
Capital Improvement Budget	Expenditure		
	Revenue		
	Net Cost		

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated.[1] If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. The North Shore Fire Department (NSFD) requests $10,000 for the purchase of mapping software that would allow the department to automate and standardize the process by which they update their maps for use onboard NSFD fire and rescue vehicles. The software would produce uniform maps across the seven communities served by NSFD, using MCAMLIS derived address and street centerline data, depicting streets, house numbers and hydrant locations.

B. The NSFD requests $10,000 for the purchase of the software package, including installations, customizations, and training for use of the product. The software will utilize data being collected by existing MCAMLIS projects.

C. Approval of this action would result in the expenditure of $10,000 from the $4 fee account. It is assumed there would by no additional cost in future years associated with this project. The September fiscal report is projecting an unrestricted surplus of $535,632 for the $4 fee for 2007 therefore funds are currently available to cover this cost.

D. No assumptions other than the reported cost of the software were made for this report.

Prepared By: Alexandra Kotze, Milwaukee County, DAS- Fiscal Affairs

[1] If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

MILWAUKEE COUNTY

AUTOMATED MAPPING AND

LAND INFORMATION SYSTEM

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 426
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

June 8, 2007

Penny Scheuerman
We Energies
Milwaukee 7 Resource Center
231 W. Michigan St.
Milwaukee, WI. 53202

Ms. Scheuerman:

Thank you for taking time to provide the MCAMLIS Steering Committee Members an opportunity to see and experience first hand the technology and capabilities of the Resource Center last Tuesday. I believe that it was helpful for the Committee to learn about the focus and direction of the Center. We appreciated having Mr. Obrien there to provide an update on your technical direction and how our efforts may be needed to help further your objectives.

If you or your staff require anything from myself or the Committee in the future do not hesitate to give me a call and I will try to assist.

Thank you again for hosting our meeting.

Sincerely,

William Shaw
MCAMLIS Project Manager

Cc: Kurt Bauer, Chairman MCAMLIS Steering Committee

MILWAUKEE COUNTY

LAND INFORMATION OFFICE

c/o Department of
Transportation and Public Works
2711 West Wells Street, Room 427
Milwaukee, Wisconsin 53208-3509
Telephone (414) 278-2176

July 23, 2007

Ms. Karen Jander
Head, Serials Department
University of Wisconsin-Milwaukee Libraries
Golda Meir Library
P.O. Box 604
Milwaukee, WI 53201-0604

Dear Ms. Jander:

Thank you for your inquiry regarding the December 2000 University of Wisconsin-Milwaukee Libraries license agreement for non-commercial use of the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) data. At it's regular meeting held March 6th, 2007, the MCAMLIS Committee reviewed your request to reconsider dropping all or parts of the current indemnification clause currently included as part of this agreement. Based on recommendations prepared by We Energies and Milwaukee County Risk Management staff and presented at the meeting, the Committee elected not to make changes to the agreement in effect with UW-Milwaukee at this time.

Sincerely,

William C. Shaw
MCAMLIS Project Manager
Milwaukee County Land Information Office
Department of Transportation and Public Works

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