

Project Survey Results, Review, and Recommendation

Project: Viewer Improvement - GIS Website

Applicant: MCAMLIS Project Manager

Organization: Milwaukee County Land Information Office (MCLIO)

Summary

This project will migrate and enhance the MCLIO Interactive Map Viewer. The current website viewing application(s) uses plug-in technology that is being deprecated and will soon be unsupported e.g., Google has declared that all plug-ins will not load in the Chrome browser as of September 2015. Esri has also declared that they have stopped development and will discontinue support as of June of 2016. For additional information reference the following links:

<http://blogs.esri.com/esri/supportcenter/2014/11/10/final-release-and-support-plan-for-the-arcgis-apis-viewers-for-flex-and-silverlight/>

<http://blog.chromium.org/2014/11/the-final-countdown-for-npapi.html>

This project was identified in the 2013 Business Needs Assessment (BNA) and is a continuation of the Website Viewer Improvement Project included in the 2014-2015 MCAMLIS Work Plan. Feature enhancement, platform migration and tool enhancement will be addressed with this project.

Survey and Review Results

Project Score Evaluation Results			
	Numeric Score	Max Percent	Percentage
Survey Response Rate	4/12	10%	3%
Percentage of responses, out of 12	33%	10%	3%
Survey Questions	8/12	40%	27%
a. Project Urgent Need for Your Org?	4/4	13.3%	13.3%
b. Does your org have a champion?	0/4	13.3%	0.0%
c. Benefit outside of your org?	4/4	13.3%	13.3%
MCAMLIS Review	24/25	50%	48%
a. Applicant has resources?	3/5	10%	6%
b. Project is a continuation or extension?	5/5	10%	10%
c. Additional funding is available?	1/5	10%	2%
d. Critical to MCAMLIS infrastructure?	5/5	10%	10%
e. Critical to foundational data?	1/5	10%	2%
f. Project is feasible and realistic?	4/5	10%	8%
g. No roadblocks, or mandated?	5/5	10%	10%
Grand Total Score (Max Score 100%)			78%

Survey Response Summary

There were four responses to this survey. The comments included 'The ability to visualize geospatial information through a browser is highly beneficial to any organization.' All respondents were positive and supportive in nature. There were no individuals that indicated that they would champion this project.

Result

This project **passes** the 25% requirement for project consideration.

Schedule

VWR-01 Improve the MCLIO Interactive Mapping Service, is expected to commence in the Q3 2015 and continue through Q1 2016 in the 5 Year Plan.

Cost

Implementation: VWR-01 total estimated cost is \$70,000. VWR-01 is estimated at \$48,000 and VWR-01.1 System Architecture Design Consulting is estimated at \$22,000.

Project Resources: Management: ¼ FTE, Analyst: 1/2 FTE, Professional Services: 600+ hrs.

Ongoing: Current license costs are \$3,700 annually, no additional expected.

Recommendation

Based on the results of the survey and staff review, MCAMLIS staff recommends that this project be **accepted** and incorporated into the MCAMLIS 5 Year Work Plan for Q3 2015 through Q1 2016 VWR-01.1. The current viewer technology has been deprecated and needs to migrate to the next platform before the current one has become too burdensome and unreliable to maintain. The GIS web viewer has become an integral resource with MCAMLIS partners as well as the general public and as such is a critical component of the MCAMLIS service and support effort.

Organizational Representative Written Responses

Is this project an urgent need or of great value/benefit to your organization or stakeholders?

1	The Viewer is a highly ubiquitous and utilized throughout the organization with great frequency.
2	Although we do not use the chrome browser very often, it would be interesting if the new plug-in could help allow mobile browsers. We also use some Apple products which would benefit a different pug-in.

Does your organization have an individual that could be a champion for this project and act as the primary liaison to MCAMLIS Staff for the duration of the project?

[No written responses]

Do you foresee this project having benefit outside of your organization that would make of greater value to MCAMLIS constituents?

1	The ability to visualize geospatial information through a browser is highly beneficial to any organization.
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MCAMLIS Business Planning Process

Staff Review - Final

Project Name

Review Date

Viewer Improvement - GIS Website

02/26/2015

Provide a descriptive evaluation of the proposed project as it pertains to the following factors:

a. Project applicant/organization has additional resources dedicated to this project, whose participation can positively contribute to project completion.

MCLIO staff will manage the project and complete any configuration that is needed after the development has been completed. This improvement project was ranked high by MCAMLIS Partner Organizations in the 2013 Business Needs Assessment (BNA) The majority of efforts will be performed by Professional Consulting Services in combination with MCAMLIS staff.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

b. Project is a natural extension or continuation of an existing or recently completed project, such that a considerable amount of project management effort can be saved.

Yes, this project will build on the earlier viewer migration and implemented in 2014.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

c. Additional funding is available (via grants, etc.) to complete this project by contracting a substantial amount of the work to consultants, which can increase efficiency by taking pressure off applicant/MCAMLIS staff.

It's expected that MCAMLIS will need to fund all or the majority of this project.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

d. Project is of critical importance to the MCAMLIS technological infrastructure, such that delaying the project may endanger the operation of MCAMLIS applications, websites, and services.

This project addresses a critical core infrastructure deficiency in the currently deployed Viewer Technology. It is highly probable that not implementing alternatives to plug-in viewer technology will eventually cripple our ability to provide service to MCAMLIS Partners and the public in general.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

e. Project is a critical update to existing foundational MCAMLIS data, such that delaying the project may result in a lapse of collecting data in a periodic fashion (e.g., 5 year update cycles).

This project would not affect the collection of MCAMLIS data, however it is one of the primary methods of accessing the data.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

f. The project is technologically feasible and demonstrably realistic using today's technology, even if MCAMLIS does not currently use such technologies.

All of the hardware and software necessary to complete this project exists. The website will be developed and configured within our current architecture.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

g. There are no significant technological or policy roadblocks that prevent the implementation of the project, or conversely, the project is mandated through public policy or is considered as extremely favorable to public interests.

This project is a continuation of the 2013 Website advancements project.

MCAMLIS Staff Score

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

MCAMLIS Staff Review - Score Summary

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Section a.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Section b.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Section c.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Section d.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Section e.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Section f.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Section g.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Total Points (Add all responses)

24

Total Score Percent (Points x 2, max of 50)

48