

# Project Survey Results, Review, and Recommendation

**Project:** Vector Data Improvement - Topographic Update

**Applicant:** MCAMLIS Project Manager

**Organization:** Milwaukee County Land Information Office (MCLIO)

## Summary

This project is a natural extension of the 2005-2010 Topographic Update conducted in 2013. The project will be divided into two phases. The first phase will incorporate updates of the major transportation corridors that have been substantially completed between 2010 (last topo update) and 2013 (the most recent imagery). For example, the Mitchell Interchange was completed in 2012 and is not correctly represented in the most recent planimetric dataset (based off of 2010 imagery). The second phase will complete the comprehensive countywide 2010-2015 update. This update coincides with the Regional Five-Year Planning Cycle. Features to be updated in Phase Two will be identified through the use of change detection analysis based in part on LiDAR captured in 2010 and LiDAR scheduled to be captured along with 3" color orthophotography in spring of 2015. The results of this analysis will reveal planimetric feature changes that need to be updated. The final step of this phase will be to perform the updates in the designated areas identified as a result of change detection analysis.

## Survey and Review Results

<b>Project Score Evaluation Results</b>			
	<b>Numeric Score</b>	<b>Max Percent</b>	<b>Percentage</b>
<b>Survey Response Rate</b>	<b>3/12</b>	<b>10%</b>	<b>3%</b>
Percentage of responses, out of 12	25%	10%	3%
<b>Survey Questions</b>	<b>7/9</b>	<b>40%</b>	<b>31%</b>
a. Project Urgent Need for Your Org?	3/3	13.3%	13.3%
b. Does your org have a champion?	1/3	13.3%	4.4%
c. Benefit outside of your org?	3/3	13.3%	13.3%
<b>MCAMLIS Review</b>	<b>23/25</b>	<b>50%</b>	<b>46%</b>
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?	2/5	10%	4%
e. Critical to foundational data?	5/5	10%	10%
f. Project is feasible and realistic?	4/5	10%	8%
g. No roadblocks, or mandated?	3/5	10%	6%
<b>Grand Total Score (Max Score 100%)</b>			<b>80%</b>

## Survey Response Summary

There were three responses to this survey. They were all supportive of this project. A comment pertaining to the continuation of this project is that if the data is not current, the user would have to construct the data separately because the project still needed the data and could not be skipped. There were no champions that were indicated in the survey.

## Result

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

## Schedule

(DAT-02) Vector Data Improvement - Topographic Update, is scheduled to begin in Q3 of 2015 and will continue through Q2 of 2016 according to the 5 Year Plan.

## Cost

Implementation: (DAT-02.1) Phase 1 is estimated to be \$20,000. Phase 2 is estimated to be \$100,000.

Project Resources: Management: 1/8 FTE, Analyst: ¼ FTE, Professional Services: 1000+ hrs.

Ongoing: This project is not expected to have any ongoing cost.

## 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 Q2 2016. Significant resources were spent on the original collection and maintenance of this dataset. It is in the best interest of MCAMLIS to continue with this investment. This product is quite unique and is currently being utilized within MCAMLIS partner organizations. One study that uses this data and had a great need for currency relates to impervious surface analysis that is being refined for this region.

## Organizational Representative Written Responses

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

1	Topographic data are in use daily on the organization, such as map exhibits and capital improvement planning. When updates have not yet been conducted, the updates are sketched in to best mimic current conditions until the MCAMLIS updates are released.
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**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	Other organizations may benefit from phase 1 more than others, but all would benefit from phase 2.
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# MCAMLIS Business Planning Process

## Staff Review - Final

**Project Name**

**Review Date**

Vector Data Improvement - Topographic Update

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 perform the QC that is needed throughout the project. This improvement project was ranked high by MCAMLIS Partner Organizations in the 2013 Business Needs Assessment (BNA) and is Goal number 1 in the Maintain Core Foundation Elements goals. 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 leveragesThis improvement project was ranked high by MCAMLIS Partner Organizations in the 2013 Business Needs Assessment (BNA) and is Goal number 1 in the Maintain Core Foundation Elements goals.

**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.**

MCAMLIS would 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 does not directly affect existing infrastructure at MCAMLIS.

**MCAMLIS Staff Score**

	1	2	3	4	5
Rank 1 (low) to 5 (High)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input 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 improvement project was ranked high by MCAMLIS Partner Organizations in the 2013 Business Needs Assessment (BNA) and is Goal number 1 in the Maintain Core Foundation Elements goals. It is the goal of MCAMLIS to have a consistent periodic update schedule in place to keep this core data as current as reasonably expected.

**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"/>

**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 data will be prepared 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 Topographic Update and the Planimetric Polygon Processing Project of 2014.

**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"/>

## 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 checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Section e.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Total Points (Add all responses)**

23

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

46