# Champaign County GIS Consortium WORK PLAN & REPORT Membership Year 2017



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# Introduction

This Work Report & Plan provides time estimates and descriptions of services that will be provided in the following fiscal year. Costs associated with these services are supplied in the budget index found in section 3. In addition, three-year labor/service and fiscal projections are provided for reference.

# Section 1. CCGISC Tasks

The Champaign County GIS Consortium (CCGISC) tasks are categorized into three groups: 1) core services and support functions, 2) work tasks and 3) technical service contracts. Core service and support function tasks are fundamental to the operation of the CCGISC. Work tasks are new initiatives identified by the CCGISC members that will continue to improve efficiency, decision making, communication, education and recordkeeping within their member organizations. Technical service contracts provide GIS related support to agencies on a contractual basis. Together, these tasks assist in accomplishing the goals set forth in the Intergovernmental Agreement.

## Section 1A. Core Services and Support Functions

Core services and support functions are grouped into five general categories - GIS Data Layers, Consortium Support, Data Distribution, Management, and Education and Training. Anticipated time allocation for each of these categories is found below. Time allocation estimates are based on current and historic allocation data as well as staff input. In addition, narratives are provided for each of the five categories.

| Champaign County GIS Consortium<br>Core Services and Support Function Comparison | FY2016<br>Weeks | FY2017<br>Weeks | Explanation  |
|--|-----------------|-----------------|--|
| CCGISC Core Services and Support Functions                                       | -               |                 |  |
| GIS Data Layers  |                 |                 |  |
| Annual Maintenance and Quality Control   | 88.00           | 88.00           | Allocated time remains consistent with previous fiscal<br>year |
| Improvement Tasks  | 25.00           | 25.00           | Allocated time remains consistent with previous fiscal<br>year |
| Total:   | 113.00          | 113.00          |  |
| Consortium Support   | 25.00           | 25.00           | Allocated time remains consistent with previous fiscal<br>year |
| Data Distribution  | 30.00           | 30.00           | Allocated time remains consistent with previous fiscal<br>year |
| Management   | 44.00           | 44.00           | Allocated time remains consistent with previous fiscal<br>year |
| Education and Training   | 6.00            | 6.00            | Allocated time remains consistent with previous fiscal<br>year |
| CCGISC Core Services & Support Functions Total:                                  | 218.00          | 218.00          |  |

### Section 1A-1. GIS Data Layers

One of the missions of CCGISC is to provide Consortium members with up-to-date, high quality regional GIS data. To provide this service, it is necessary to **maintain** and **improve** the existing, or "core" GIS data layers.

#### ANNUAL MAINTENANCE AND QUALITY CONTROL

The performance of maintenance and quality control procedures are methods utilized by CCGISC staff to provide high quality GIS data. The majority of the data layers are in constant transition to reflect the changes of the features the layers represent. When changes are reported to CCGISC staff, the layers are updated in a timely manner. In addition, quality control procedures are executed to maximize data accuracy.

#### IMPROVEMENT TASKS

The first priority of the CCGISC staff is to maintain and refine the core GIS layers, services, and support functions. Improvement tasks are divided into two categories 1) short-term tasks that are finite and will be completed within the next 3-years and 2) on-going tasks that require periodic review or refinement.

In fiscal year 2017 twenty-five (25) weeks of staff time has been reserved for improvement tasks. The table below contains a brief description of the identified improvement tasks, an estimate of the total time needed to complete the task, and the anticipated completion year.

|    | Identified Improvement Tasks   | Description  | Time Estimate<br>(weeks) | Anticipated<br>Completion<br>Year |
|----|--|--|--------------------------|-----------------------------------|
| Sh | ort-term   | •  |                          |                                   |
| 1. | Implement Parcel Fabric  | Migrate parcel data to ESRI's comprehensive<br>Parcel Fabric solution should it be determined a<br>viable option after 2015 test                               | 30.0                     | 2017                              |
| 2. | Develop Long-Term Technology Plan<br>Establish a long-term technology plan; once<br>established, review will be on-going |  | 3.0                      | 2017                              |
| 3. | Create ISO Metadata  | Migrate existing metadata to ISO format;<br>create ISO metadata for layers   | 10.0                     | 2018                              |
| 4. | Automate Technical Service Contract Invoices   | Create database and generate invoice   | 4.0                      | 2018                              |
| 5. | Implement Long-Term Techlogy Plan  | Implement 1 to 3 year plan objectives  | 4.0                      | 2018                              |
| 6. | Migrate Sales Database to SQL Server   | Migrate sales base from access to SQL server and create web-based interface  | 6.0                      | 2019                              |
| 7. | Investigate and Implement Data Models  | Learn more about the creation and editing of<br>ESRI data models - specifically look into the<br>feasibility of implementing the sanitary sewer<br>data model. | 7.0                      | 2019                              |
| On | -going   |  |                          |                                   |
| 1. | Development of Workflow and Quality Control<br>Procedures  | Continue to update and develop workflow and<br>quality control procedure   | 4.0/year                 | ongoing                           |
| 2. | ADA Website Accessibility  | Ensure new website additions ADA compliant   | 2.0/year                 | ongoing                           |
| 3. | Review and Update SDE layers, Tables and<br>Feature Datasets   | Review design of SDE feature datasets and<br>feature classes   | 3.0/year                 | ongoing                           |

## Section 1A-2. Consortium Support

A basic function of CCGISC is to assist member agencies through the promotion and use of GIS technology and data. To accomplish this function, CCGISC staff assists members with technical support issues and small projects. In addition, staff provides member data updates, viewing applications, and fills data release requests.

### Section 1A-3. Data Distribution

CCGISC is charged with the responsibility of distributing and promoting the use of the GIS. To meet this goal, CCGISC utilizes a variety of distribution methods and platforms including, but not limited to, the following:

- Tax Map Atlas website and CD
- CCGISC web site
- Document distribution through a web enabled document file server
- Data sales
- ArcGIS Online applications
- Web mapping applications (Address, Public)
- Enterprise geodatabase connections and published services

#### Section 1A-4. Management

Management includes program and project management as well as database management and server administration. Program management is carried out by the GIS Director. Program management tasks include the preparation of committee meeting documents and responding to committee meeting requests, budgetary and fiscal tasks, and technology improvement plans. In addition to the Policy Committee there are a number of working subcommittees including Technical, Work Plan and Report, and Technology Improvement that require coordination efforts and documentation development.

#### Section 1A-5. Education and Training

GIS software and applications continually evolve. Education and training is necessary to maintain and improve CCGISC staff skills. The CCGISC staff typically attends at least one local conference a year and is encouraged to experiment and research tools that may improve efficiency levels. In addition, webinars, workshops, and other training and education outlets are utilized.

## Section 1B. Work Tasks

A GIS continuously evolves and grows because it provides a wide variety of benefits. CCGISC work tasks are projects identified by the CCGISC members that increase efficiency and improve decision making within their member organizations. As work tasks are completed, the resulting products are added to core services.

Work tasks are determined by the CCGISC Work Plan Subcommittee and ultimately accepted by the member organizations with approval of this document by the CCGISC Policy Committee. The work tasks are listed in prioritized order in the table below.

|    | Work Tasks  | Description  | Time Estimate<br>(weeks) | <b>Completion Date</b><br>(fiscal year) |
|----|---|--|--------------------------|---|
| 1. | Determine if the ESRI Roads and Highways Linear<br>Referencing System is a feasible solution for<br>maintaining Road Jurisdication and Impedance Data;<br>If so, move forward with implementation | Research ESRI Roads and Highways; Gather impedence<br>information (speed limits, stop signs, stop lights, one<br>way streets) and road jurisdication | 6.0                      | 2017                                    |
| 2. | Add the 100-block to the even from Address Field in<br>the<br>Street Centerline layer   | Manually update the even from address range field to reflect the 100 block where appropriate   | 15.0                     | 2017                                    |
| 3. | Develop ArcGIS Online Web Applications  | Develop Web Applications that pertain to entire county i.e. construction, polling places   | 4.0                      | 2018                                    |
| 4  | Map Drainage Districts and Subdistricts   | Utilize Circuit Clerk documents to map drainage districts<br>and sub-districts   | 28.0                     | 2019                                    |
| 5  | Map Drainage District Tiles   | Utilize Circuit Clerk documents to map drainage tiles  | 7.0                      | 2019                                    |
| 6. | Reconcile Drainage Districts and Sub-Districts with<br>Appropriate Offices  | Reconcile drainage districts and sub-districts with<br>appropriate county offices  | 5.0                      | 2019                                    |

In fiscal year 2017 it is estimated that 21 weeks of staff-time are available for work tasks. The table above includes time estimates and the anticipated completion year for each task.

## Section 1C. Technical Service Contracts

Technical service contracts provide GIS related support to agencies on a contractual basis. In fiscal year 2017 service contracts will account for approximately 10% (\$54,000) of the total revenue. It is anticipated that contractual agreements with the following agencies will be in place in FY2017.

- Piatt County
- City of Champaign
- Urbana-Champaign Sanitary District
- Village of Mahomet

## Section 1D. Accomplished Highlights

The table below highlights a number of the CCGISC staff accomplishments in fiscal year 2016.

| Aco | complished Highlights  |
|-----|--|
| 1.  | Developed Address Query ArcGIS Online Application for Quick Mailing List<br>Creation   |
| 2.  | Developed Address Database Quality Control Scripts to Help Ensure Integrity of the Centralized Address Database  |
| 3.  | Automated Data Sales and Data Request on CCGISC Website  |
| 4.  | Updated CCGISC Website to be ADA Compliant   |
| 5.  | Completed Street Centerline Update - removal of unnecessary vertices   |
| 6.  | Redrew METCAD Response Zone (RZ) Layers to Align with Updated Street<br>Centerlines & Developed Annual RZ Quality Control Tasks                              |
| 7.  | Developed Quality Control for Voting Precincts   |
| 8.  | Completed Migratation of ArcReader to ArcGIS Online Applications<br>(expections include EMA and Sheriff Cruisers due to connectivity needs)<br>(in-progress) |
| 9.  | Completed Pilot Parcel Fabric Test for Mahomet Township  |
| 10. | Mapped Easements to 2005   |
| 11. | Upgraded Enterprise Geodatabase to 10.3  |
| 12. | Worked with County Clerk to Reconcile Voter Registration Addresses & Supplied Data needed for to Generate Election Code for each Address                     |

# **Section 2. Three-year Projections**

Three-year projections were calculated for labor/service and program costs. These projections are illustrated in the tables below.

## Section 2A. Labor Allocation Projections

| Champaign County GIS Consortium  | FY2017       | FY2018          | FY2019 |
|--|--------------|-----------------|--------|
| 3-Year Labor/Service Allocation Projection                               |              | Number of Weeks |        |
|  | t Functions  | ļ               | ļ      |
| CCGISC Core Services and Support   | rt Functions |                 |        |
| GIS Data Layers  |              |                 |        |
| Annual Maintenance and Quality Control                                   |              |                 |        |
| Cadastral/Land Based*  |              |                 |        |
| 1. Tax Parcels   |              |                 |        |
| 2. Parcel Points   |              |                 |        |
| 3. Annotation (100-scale and 400-scale)                                  |              |                 |        |
| 4. Subdivisions/Subdivision Table  |              |                 |        |
| 5. Parcel Platted Subdivisions   |              |                 |        |
| 6. Easements (new and historic)  |              |                 |        |
| 7. Road Right-of-Ways (new and historic)                                 |              |                 |        |
| 8. County & PLSS Townships, Sections & Quarter Sections                  |              |                 |        |
| 9. Corner, Corner Coordinate, Monument                                   |              |                 |        |
| 10. Tax Map Index  |              |                 |        |
| 11. Condominium Table  |              |                 |        |
| 12. Farm Land Use  |              |                 |        |
| Administrative Boundaries  |              |                 |        |
| 13. Municipal Boudaries and Extra-Territorial Jurisdictions (ETJ)        |              |                 |        |
| 14. Annexations  |              |                 |        |
| 15. Political Townships  |              |                 |        |
| 16. Taxing Districts - 16 Districts (current and previous revenue years) |              |                 |        |
| 17. Voting Precincts   |              |                 |        |
| 18. County Board Districts   |              |                 |        |
| Transportation & Location  |              |                 |        |
| 19. Street Centerlines   |              |                 |        |
| 20. Railroads  |              |                 |        |
| 21. Address Points (Addressing)  |              |                 |        |
| Natural Features   |              |                 |        |
| 22. Stream & Lakes   |              |                 |        |
| Orthophotography & LiDAR   |              |                 |        |
| 23. Orthophotography   |              |                 |        |
| 24. Elevation Data - LiDAR & Terrain                                     |              |                 |        |
| 25. Ortho Index  |              |                 |        |
| Emergency Service Layers   |              |                 |        |
| 26. CivilMunicipal Boundary  |              |                 |        |
| 27. Cemetery and Trailer Parks   |              |                 |        |
| Annual Maintenance and Quality Control                                   | 88.0         | 88.0            | 88.0   |
|  |              |                 |        |
| Improvement Tasks  | 25.0         | 27.0            | 22.0   |
| GIS Data Layers Total:   | 113.0        | 115.0           | 110.0  |
| Consortium Support   | 25.0         | 25.0            | 25.    |
| Data Distribution  | 30.0         | 30.0            | 30.    |
| Management   | 44.0         | 44.0            | 44.    |
| Education and Training   | 6.0          | 6.0             | 6.     |
| CCGISC Core Services & Support Functions Total:                          | 218.0        | 220.0           | 215.   |

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| Champaign County GIS Consortium<br>3-Year Labor/Service Allocation Projection  | FY2017<br>Number of Weeks | FY2018<br>Number of Weeks | FY2019<br>Number of Weeks |
|--|---------------------------|---------------------------|---------------------------|
| Work Tasks   |                           |                           |                           |
| 1. Determine if the ESRI Roads and Highways Linear Referencing<br>System is a feasible solution for maintaining Road Jurisdication and<br>ImpedanceData; If so, move forward with implementation | 6.0                       | -                         | -                         |
| 2. Add the 100-block to the even from Address Field in the<br>Street Centerline layer  | 15.0                      | -                         | -                         |
| 3. Develop ArcGIS Online Web Applications  |                           | 4.0                       | -                         |
| 4. Map Drainage Districts and Subdistricts   | -                         | 12.0                      | 16.0                      |
| 5. Map Drainage District Tiles   | -                         | 3.0                       | 4.0                       |
| 6. Reconcile Drainage Districts and Sub-Districts with   | _                         |                           | 4.0                       |
| Appropriate Offices  | _                         |                           | 4.0                       |
| Work Tasks Total:  | 21.0                      | 19.0                      | 24.0                      |
| Technical Service Contra   | acts                      |                           |                           |
| 1. Piatt County  | 15.0                      | 15.0                      | 15.0                      |
| 2. Urbana-Champaign Sanitary District  | 3.0                       | 3.0                       | 3.0                       |
| 3. City of Champaign   | 14.0                      | 12.0                      | 12.0                      |
| 4. Village of Mahomet  | 3.0                       | 3.0                       | 3.0                       |
| 5. Other   | 2.0                       | 4.0                       | 4.0                       |
| Local Contract Total:  | 37.0                      | 37.0                      | 37.0                      |
| Total Allocation:  | 276.00                    | 276.00                    | 276.00                    |
| Total Available Weeks:   | 276.00                    | 276.00                    | 276.00                    |
| Percent Allocated:   | 100%                      | 100%                      | 100%                      |

For projection purposes the number of working weeks for full-time GIS staff is estimated at 46 works for FY2017, FY2018, and FY2019: 6 staff \* 46 weeks = 276 working weeks.

## Section 2B. Financial Projections

| Champaign County GIS Consortium<br>3-Year Fiscal Projection   | Or | FY2016 F<br>Original Budget 2.5% |            | FY2018<br>2.5% Increase | FY2019<br>2.5% Increase |  |
|---|----|----------------------------------|------------|-------------------------|-------------------------|--|
| Projected Revenue   |    |                                  |            |                         |                         |  |
| Member Contributions  | \$ | 426,449                          | \$ 437,107 | \$ 448,037              | \$ 459,241              |  |
| Local Government Reimbursements                               | \$ | 14,200                           | \$ 14,200  | \$ 15,700               | \$ 15,700               |  |
| Base Station & Maintenance Consolidation (pass through funds) | \$ | 14,202                           | \$ 14,202  | \$ 14,202               | \$ 14,202               |  |
| Technical Services Contracts                                  | \$ | 54,000                           | \$ 54,000  | \$ 54,000               | \$ 54,000               |  |
| Map & Data Sales  | \$ | 12,500                           | \$ 12,500  | \$ 12,500               | \$ 12,500               |  |
| Other Revenue   | \$ | 100                              | \$ 200     | \$ 200                  | \$ 200                  |  |
| Total Revenue:  | \$ | 521,451                          | \$ 532,209 | \$ 544,639              | \$ 555,843              |  |
| Projected Expenses  |    |                                  |            |                         |                         |  |
| Personnel   |    |                                  |            |                         |                         |  |
| Salaries  | \$ | 305,740                          | \$ 317,982 | \$ 324,342              | \$ 330,828              |  |
| Benefits  | \$ | 108,714                          | \$ 110,014 | \$ 114,415              | \$ 118,991              |  |
| Total Personnel   | \$ | 414,454                          | \$ 427,996 | \$ 438,756              | \$ 449,820              |  |
| Commodities   | \$ | 18,250                           | \$ 6,100   | \$ 6,100                | \$ 6,100                |  |
| Services  |    |                                  |            |                         |                         |  |
| Equipment Maintenance   | \$ | 44,000                           | \$ 1,000   | \$ 1,000                | \$ 1,000                |  |
| Audit Fees  | \$ | 8,200                            | \$ 11,200  | \$ 11,340               | \$ 11,490               |  |
| Computer Services   | \$ | 4,500                            | \$ 5,000   | \$ 5,000                | \$ 5,000                |  |
| Other   | \$ | 14,010                           | \$ 12,410  | \$ 12,410               | \$ 12,410               |  |
| Total Services  | \$ | 70,710                           | \$ 29,610  | \$ 29,750               | \$ 29,900               |  |
| Interfund Expenditure   | \$ | 12,500                           | \$ 10,000  | \$ 10,300               | \$ 10,506               |  |
| Capital   | \$ | 5,500                            | \$-        | \$ -                    | \$ -                    |  |
| Interdepartment Expenditure                                   | \$ | -                                | \$ 58,500  | \$ 58,500               | \$ 58,500               |  |
| Total Expenses:   | \$ | 521,414                          | \$ 532,206 | \$ 543,406              | \$ 554,826              |  |
| Revenue to Expenditure*                                       |    |                                  | \$ 3       | \$ 1,233                | \$ 1,017                |  |

General Notes:

- A 2.5% membership increase is included in FY2017 budget; Projections include 2.5% membership increase in FY2018 and FY2019, without increases CCGISC will experience deficit budgets beginning in FY2017

- Assumes stable technical service contracts

- Includes \$1,500 increase for local government reimbursement in FY2018 and FY2019

Personnel Notes:

- FY2017 includes a 2.0% salary increase of which 0.5% is allocated based on merit

- Assumes 2% salary increase in FY2018 and FY2019

- Assumes 6 full-staff in FY2017, FY2018, and FY2019

- Benefit rates assume a 4% increase in FY2018 and FY2019

#### Commodity Notes:

- Assumes Commodites will remain stable in FY2018 and FY2019

- Majority of Commodity funds shifted to Interdepartment Expenditure in FY2017, FY2018, and FY2019

#### Service Notes:

- Interfund Expenditure includes quoted increases in audit fees for FY2018 and FY2019

- Equipment Maintenance funds shifted to Interdepartment Expenditure in FY2017, FY2018, and FY2019

Interfund, Capital and Interdepartment Expenditure Notes:

- Interfund Expenditure includes 3% increase for Administrative Assistant and office rental fees

- Capital funds shifted to Interdepartment Expenditure

- Interdepartment Expenditure includes funds to be transfered to Capital/Technology Purchases department (850-112) per Capital and Technology Plan

# Section 3. Budget Index

#### Exhibit I – Line-Item Consortium Budget

| Operating Budget<br>January 1, 2017 - December 31, 201  | 17                                     |  |
|---|--|--|
| Junuary 1, 2017 - December 31, 201  |  | )17 Budget   |
| Fund 850.111 Summary  |  | roposed  |
|   |  | 6 Increase   |
|   |  |  |
| CHAMPAIGN CITY  | \$                                     | 61,987   |
|   | \$                                     | 35,318   |
|   | \$                                     | 22,964   |
| JNIVERSITY OF ILLINOIS  | \$                                     | 31,359   |
| CHAMPAIGN COUNTY  | \$                                     | 273,933  |
| /ILLAGE OF SAVOY  | \$                                     | 12,556   |
| /ILLAGE OF MAHOMET  | \$                                     | 13,192   |
| OCAL GOVT REIMBURSEMENT   | \$                                     | 14,200   |
| EDERAL, STATE & LOCAL SHARED REVENUE  | \$                                     | 465,509  |
| FECHNICAL SERVICE CONT.   | \$                                     | 54,000   |
| EES AND FINES   | \$                                     | 54,000   |
|   |  |  |
| NVESTMENT INTEREST  | \$                                     | 200  |
| SALE OF MAPS, DATA  | \$                                     | 12,500   |
| MISCELLANEOUS   | \$                                     | 12,700   |
| REVENUE TOTALS  | \$                                     | 532,209  |
|   |  |  |
| REG. FULL-TIME EMPLOYEES  | \$                                     | 317,982  |
| EMP. SALARIES & WAGES   | \$                                     | -  |
| OCIAL SECURITY-EMPLOYER   | \$                                     | 24,326   |
| MRF - EMPLOYER COST   | \$                                     | 26,870   |
| VORKERS' COMPENSATION INS   | \$                                     | 1,749  |
| JNEMPLOYMENT INSURANCE  | \$                                     | 2,450  |
| MPLOYEE HEALTH/LIFE INS   | \$                                     | 54,619   |
| PERSONNEL   | \$                                     | 427,996  |
|   | ·                                      | ,  |
| TATIONERY & PRINTING  | \$                                     | 300  |
| OFFICE SUPPLIES   | \$                                     | 4,000  |
| BOOKS, PERIODICALS & MAN.   | \$                                     | 200  |
| COPIER SUPPLIES   | \$                                     | 600  |
| POSTAGE, UPS, FED EXPRESS   | \$                                     | 300  |
| GASOLINE & OIL  | \$                                     | 200  |
| QUIPMENT LESS THAN \$5000   | Ş                                      | 500  |
| COMMODITIES   | \$                                     | 6,100  |
|   | Ŷ                                      | 0,100  |
| AUDIT & ACCOUNTING SERVCS   | \$                                     | 11,200   |
| ATTORNEY/LEGAL SERVICES   | \$                                     | 500  |
| PROFESSIONAL SERVICES   | \$                                     | 1,750  |
| IOB-REQUIRED TRAVEL EXP   | \$                                     | 750  |
| JTILITIES   | \$                                     | 2,250  |
| COMPUTER/INF TCH SERVICES   | \$                                     | 5,000  |
| ELEPHONE SERVICE  | \$                                     | 500  |
|   | \$                                     | 1,000  |
| EQUIPMENT RENTALS   | \$                                     | 200  |
|   |  |  |
| OTHER SERVICE BY CONTRACT   | \$                                     | 200  |
| EGAL NOTICES, ADVERTISING   | \$                                     | 500  |
| BUSINESS MEALS/EXPENSES   | \$                                     | 200  |
| PHOTOCOPY SERVICES  | \$                                     | 200  |
| DUES AND LICENSES   | \$                                     | 1,000  |
| CONFERENCES & TRAINING  | \$                                     | 3,000  |
| <b>MISC</b>   | \$                                     | 60   |
| ANITORIAL SERVICES  | \$                                     | 1,300  |
| ERVICES   | \$                                     | 29,610   |
|   |  |  |
| URNISHINGS, OFFICE EQUIP  | \$                                     | -  |
|   | \$                                     | -  |
| CAPITAL   |  | -  |
|   | Ś                                      |  |
| O GENERAL CORP FUND 080   | \$<br>\$                               | 10 000   |
| O GENERAL CORP FUND 080   | \$<br><b>\$</b>                        | 10,000   |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE  |  |  |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112  | \$                                     | 58,500   |
| CAPITAL<br>TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112<br>NTERDEPARTMENT EXPENDITURE<br>EXPENDITURE TOTALS   | <b>\$</b><br>\$                        | 10,000<br>58,500<br>58,500<br>532,206                  |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112<br>NTERDEPARTMENT EXPENDITURE<br>EXPENDITURE TOTALS  | \$<br>\$<br>\$<br>\$                   | 58,500<br><b>58,500</b><br><b>532,206</b>              |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112<br>NTERDEPARTMENT EXPENDITURE<br>EXPENDITURE TOTALS<br>Projected FY2016 Fund Balance   | \$<br>\$<br>\$<br>\$                   | 58,500<br><b>58,500</b><br><b>532,206</b>              |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112<br>NTERDEPARTMENT EXPENDITURE<br>EXPENDITURE TOTALS<br>Projected FY2016 Fund Balance<br>FY2017 Revenue to Expenditure        | \$<br>\$<br>\$<br>\$<br>\$             | 58,500<br>58,500<br>532,206<br>327,390                 |
| TO GENERAL CORP FUND 080 NTERFUND EXPENDITURE TO GIS DEPTS 111/112 NTERDEPARTMENT EXPENDITURE EXPENDITURE TOTALS Projected FY2016 Fund Balance FY2017 Revenue to Expenditure Orthophotography Reserve | \$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$ | 58,500<br>58,500<br>532,206<br>327,390<br>3<br>(92,250 |
| TO GENERAL CORP FUND 080<br>NTERFUND EXPENDITURE<br>TO GIS DEPTS 111/112<br>NTERDEPARTMENT EXPENDITURE<br>EXPENDITURE TOTALS<br>Projected FY2016 Fund Balance<br>FY2017 Revenue to Expenditure        | \$<br>\$<br>\$<br>\$<br>\$             | 58,500<br>58,500<br>532,206<br>327,390                 |

#### Line-Item Budget Notes:

- 2.5% Membership Increase
- Consortium Member Revenue Line Item includes base station and software maintenance pass-through money.
- Membership Contribution for Consortium FY2017 requested in July of 2017
- 2.0% Salary Increase of which 0.5% is allocated based on merit

#### **Exhibit II - Orthophotography Budget**

| Champaign County GIS Consortium<br>Orthophotography Assessment<br>Fund 850, Department 672<br>January 1, 2017 - December 31, 2017 |    |           |  |  |  |  |  |  |
|---|----|-----------|--|--|--|--|--|--|
| CHAMPAIGN COUNTY  | \$ | 15,875.00 |  |  |  |  |  |  |
| CITY OF CHAMPAIGN   | \$ | 5,873.75  |  |  |  |  |  |  |
| CITY OF URBANA  | \$ | 3,333.75  |  |  |  |  |  |  |
| VIALLAGE OF RANTOUL   | \$ | 1,428.75  |  |  |  |  |  |  |
| VILLAGE OF MAHOMET  | \$ | 1,111.25  |  |  |  |  |  |  |
| VILLAGE OF SAVOY  | \$ | 1,111.25  |  |  |  |  |  |  |
| UNIVERSITY OF ILLINOIS  | \$ | 3,016.25  |  |  |  |  |  |  |
| FY2017 Total Assessment   | \$ | 31,750    |  |  |  |  |  |  |
| FY2016 Fund Balance   | \$ | 92,250    |  |  |  |  |  |  |
| FY2017 Assessment   | \$ | 31,750    |  |  |  |  |  |  |
| FY2017 Acquisition Costs  | \$ | (92,250)  |  |  |  |  |  |  |
| FY2017 Fund Balance   | \$ | 31,750    |  |  |  |  |  |  |

#### Orthophotography Budget Notes:

No Assessment Increase Requested

### Exhibit III – Capital/Technology Budget

| Champaign County GIS Consortium<br>Capital/Technology Purchases<br>Fund 850, Department 112<br>January 1, 2017 - December 31, 2017 |                 |                               |  |  |  |  |  |  |
|--|-----------------|-------------------------------|--|--|--|--|--|--|
| FROM GIS DEPTS 111   | \$              | 58,500.00                     |  |  |  |  |  |  |
| REVENUE TOTAL  | \$              | 58,500.00                     |  |  |  |  |  |  |
| EQUIPMENT LESS THAN \$5000<br>COMMODITIES TOTAL  | \$<br><b>\$</b> | 10,750.00<br><b>10,750.00</b> |  |  |  |  |  |  |
| EQUIPMENT MAINTENANCE<br>SERVICES TOTAL  | \$<br><b>\$</b> | 36,625.00<br><b>36,625.00</b> |  |  |  |  |  |  |
| OFFICE EQUIPMENT<br>CAPITAL OUTLAY TOTAL   | \$<br><b>\$</b> | 10,625.00<br><b>10,625.00</b> |  |  |  |  |  |  |
| EXPENDITURE TOTAL  | \$              | 58,500                        |  |  |  |  |  |  |
| FY2016 Fund Balance  | \$              | -                             |  |  |  |  |  |  |
| Anticipated FY2017 Expenditure<br>per Capitial/Technology Purchase Plan  | \$              | 47,375                        |  |  |  |  |  |  |
| Projected FY2017 Fund Balance  | \$              | 11,125                        |  |  |  |  |  |  |

Capital/Technology Budget Notes:

• FY2017 Expenditures anticipated at \$47,375 per the FY2017 Capital/Technology Improvement Plan

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Champaign County GIS Consortium Work Plan & Report

## Exhibit IV – Member Contribution History: 2005-2017

#### GIS CONSORTIUM MEMBER ASSESSMENT HISTORY

#### Contribution History 2005 - 2017

| GIS CONSORTIUM<br>MEMBER ALLOCATIONS | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017<br>2.5% Increase |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|
| Champaign County                     | \$207,000 | \$214,245 | \$214,245 | \$214,245 | \$214,245 | \$214,245 | \$214,245 | \$255,790 | \$255,790 | \$255,790 | \$260,906 | \$266,124 | \$272,777             |
| City of Champaign                    | \$ 43,912 | \$ 45,454 | \$ 46,319 | \$ 50,889 | \$ 51,843 | \$ 51,843 | \$ 51,843 | \$ 57,043 | \$ 57,043 | \$ 57,043 | \$ 58,184 | \$ 59,348 | \$60,831              |
| City of Urbana                       | \$ 26,471 | \$ 27,400 | \$ 27,961 | \$ 28,154 | \$ 28,729 | \$ 30,674 | \$ 30,674 | \$ 32,034 | \$ 32,034 | \$ 32,034 | \$ 32,675 | \$ 33,329 | \$34,162              |
| Village of Rantoul                   | \$ 12,538 | \$ 12,978 | \$ 13,294 | \$ 13,488 | \$ 13,818 | \$ 13,818 | \$ 13,818 | \$ 14,247 | \$ 14,247 | \$ 14,247 | \$ 14,532 | \$ 14,823 | \$15,193              |
| Village of Mahomet                   | \$ 7,955  | \$ 8,234  | \$ 8,470  | \$ 8,663  | \$ 8,913  | \$ 8,913  | \$ 8,913  | \$ 10,676 | \$ 10,676 | \$ 10,676 | \$ 10,890 | \$ 11,108 | \$11,385              |
| Village of Savoy                     | \$ 8,370  | \$ 8,664  | \$ 8,907  | \$ 9,101  | \$ 9,357  | \$ 10,196 | \$ 10,196 | \$ 10,690 | \$ 10,690 | \$ 10,690 | \$ 10,904 | \$ 11,122 | \$11,400              |
| University of Illinois               | \$ 25,000 | \$ 25,875 | \$ 26,781 | \$ 27,718 | \$ 28,550 | \$ 28,550 | \$ 28,550 | \$ 29,406 | \$ 29,406 | \$ 29,406 | \$ 29,995 | \$ 30,595 | \$31,359              |
| Total:                               | \$331,246 | \$342,850 | \$345,977 | \$352,258 | \$355,455 | \$358,239 | \$358,239 | \$409,886 | \$409,886 | \$409,886 | \$418,086 | \$426,449 | \$437,107             |

*Note:* The membership contributions remained stable for 3 budget years - FY2012 through FY2014, a 2% increase in FY2015 and FY2016, and a 2.5% increase in FY2017

### Exhibit V – Orthophotography Contribution History: 2012-2017

#### GIS CONSORTIUM ORTHOPHOTOGRAPHY ASSESSMENT HISTORY

#### Contribution History 2012 - 2017

| GIS CONSORTIUM MEMBERS | 2012        | 2013         | 2014        | 2015         | 2016        | 2017        |
|------------------------|-------------|--------------|-------------|--------------|-------------|-------------|
| Champaign County       | \$14,375.00 | \$ 14,375.00 | \$14,375.00 | \$ 15,875.00 | \$15,875.00 | \$15,875.00 |
| City of Champaign      | \$ 5,321.19 | \$ 5,321.19  | \$ 5,321.19 | \$ 5,873.75  | \$ 5,873.75 | \$ 5,873.75 |
| City of Urbana         | \$ 2,988.21 | \$ 2,988.21  | \$ 2,988.21 | \$ 3,333.75  | \$ 3,333.75 | \$ 3,333.75 |
| Village of Rantoul     | \$ 1,329.30 | \$ 1,329.30  | \$ 1,329.30 | \$ 1,428.75  | \$ 1,428.75 | \$ 1,428.75 |
| Village of Mahomet     | \$ 995.93   | \$ 995.93    | \$ 995.93   | \$ 1,111.25  | \$ 1,111.25 | \$ 1,111.25 |
| Village of Savoy       | \$ 997.22   | \$ 997.22    | \$ 997.22   | \$ 1,111.25  | \$ 1,111.25 | \$ 1,111.25 |
| University of Illinois | \$ 2,743.15 | \$ 2,743.15  | \$ 2,743.15 | \$ 3,016.25  | \$ 3,016.25 | \$ 3,016.25 |
| Total:                 | \$28,750.00 | \$28,750.00  | \$28,750.00 | \$ 31,750.00 | \$31,750.00 | \$31,750.00 |

*Note:* No orthophotography assessment increase is requested for FY2017.