
Complete Mapping Solutions

February 4, 2021

Ms. Laurie Griffin
Assistant Finance Director
321 Walnut St.
Green Cove Springs, FL 32065

Dear Ms. Griffin,

Bruce Harris & Associates, Inc. is pleased to submit our response for RFQ: GIS Design Consultant and Project Coordinator. Bruce Harris & Associates (BHA) is a leader in providing updated web mapping technology for customer engagement. We understand the importance of being knowledgeable regarding Esri back-end components, and are experienced in the additional requirements that must be taken into consideration when building a GIS website. We have built many interactive convertible/custom GIS mapping sites for customers in Florida, including the new Marion County Property Appraiser's mapping website and the Hillsborough County Property Appraiser's website. These are among other sites we have designed for local governments throughout the United States.

As an Esri Business Partner, we stay up to date on the latest technology and best practices in GIS. We are currently working with Esri to bring the ArcGIS Hub technology to our customers in Florida, and very recently hosted a webinar on that subject. Video of the webinar is included on the flash drive. We will work with the city to explore the possibilities of ArcGIS Hub and determine the best platform to accomplish the City's goals." the best ways to serve your data, and create an aesthetically pleasing site that your constituents can easily use.

Providing GIS based solutions is our primary business and has been since our inception in 1995. Our staff has over 200 years of mapping experience collectively. Bruce Harris & Associates has been an Esri Silver business partner since 1997 and maintains the designations of "ArcGIS for Local Government Specialty," "ArcGIS Online Specialty," and "ArcGIS Marketplace Provider." Our experience with GIS and the Esri platform gives us the unique knowledge and expertise to provide the services being requested by the City of Green Cove Springs. We are recognized by Esri as an industry leader amongst business partners pioneering the implementation of ArcGIS for Local Government Solutions.

Bruce Harris & Associates takes great pride in our commitment to client satisfaction. Our history proves that we are a company of integrity and honesty. Our staff develops a partnering relationship with all our clients to assure their objectives are met. Our history proves that we are a company of integrity and honesty. Our staff is dedicated to creating lasting partnerships that help our clients get the most out of their investment in GIS.

Our main point of contact for this proposal will be:

Natalie Harris

GIS Client Relations Manager

nharris@bruceharris.com

We appreciate the opportunity to submit our response and we look forward to building a professional relationship with the City of Green Cove Springs in the near future.

Sincerely,

Bruce Harris

President

bruce@bruceharris.com

Submitted to: Green Cove Springs, FL
RFQ: GIS Design Consultant and Project Coordinator



21 N RIVER ST., BATAVIA, IL 60510
(630) 761-0951
INFO@BRUCEHARRIS.COM

TABLE OF CONTENTS

GENERAL INFORMATION	4
COMPANY PROFILE	4
COMPANY OVERVIEW	5
OUR SERVICES	5
RESUMES OF KEY PERSONNEL	6
RESUMES	6
ORGANIZATIONAL CHART	20
REFERENCES	22

GENERAL INFORMATION

COMPANY PROFILE

Bruce Harris & Associates, Inc. (BHA) provides GIS (Geographic Information Systems), geodatabase design and conversion, digital parcel mapping, soil mapping and calculations, Internet mapping solutions, parcel map maintenance, commercial map atlas services, CAMA GIS Integration and multiple mapping applications for many counties and municipalities throughout the United States. We have the capacity to handle projects of all sizes and scopes, including several multi-faceted and multi-million dollar projects. These projects and countless others illustrate our commitment to providing the highest quality products and services to our clients.

Our professional GIS staff offers the highest quality support and service to assist in the development of individual programs designed to meet the client's requirements. BHA has delivered GIS parcel/cadastral services to over 100 counties in the US. Additionally, BHA has been an Esri business partner for over twenty years. Our experience with GIS data, the Esri platform, geodatabase design, data conversion, and application development gives us the unique knowledge and expertise to ensure that this project will be an absolute success. We are confident that the services we provide will meet or exceed the City's expectations. Our ultimate goal is to provide effective solutions in geographic planning, whether it is by recommending ways to achieve your goals, to reduce your costs, or to achieve the accuracy that best suits your purposes. Our GIS staff develops a partnering relationship with all our clients to assure their objectives are met. At Bruce Harris & Associates, our objective is to help you meet your objective— accurately, on schedule, and within budget.

COMPANY OVERVIEW

Established 1995

Headquarters: 21 N River St., Batavia, IL 60510

Regional Offices:

- Orlando, FL
- Port St. Lucie, FL
- Coshocton, OH
- Norwalk, OH

Phone: 630.761.0951

Email: info@bruceharris.com

Website: www.bruceharris.com

OUR SERVICES

- GIS Website Development & Hosting
- ArcGIS for Desktop
- ArcGIS for Server
- ArcGIS Online
- Geodatabase Conversion
- Geodatabase Design
- Cadastral Mapping
- Map Maintenance Services
- ArcGIS Marketplace Solutions



RESUMES OF KEY PERSONNEL

RESUMES

The average BHA employee has over fifteen years of experience in providing a full range of mapping and geographic information system services. Our senior technicians possess a Master's Degree in Geography and have extensive experience in a wide variety of software. In addition, many of our employees have attended GIS training programs and seminars to gain expertise in the various GIS software packages. We understand the importance of fulfilling our commitment to production and delivery schedules for all of our clients. We can assure you that BHA has ample staff necessary to successfully complete this project within the desired timeframe. Following are resumes of staff who will be assigned to this project.

NATALIE HARRIS
GIS CLIENT RELATIONS MANAGER
nharris@bruceharris.com

Ms. Harris provides consultation and technical support to clients on all aspects of GIS project implementation, and attends all pertinent meetings and functions regarding the use of GIS. She also assists with software installation, geodatabase management, product delivery, and training on the use and maintenance of the client's GIS system.

Education

Ms. Harris received a Bachelor of Arts degree in Archaeology from Cornell University.

Professional History

Ms. Harris joined Bruce Harris and Associates in September of 2017 as a GIS Client Relations Manager with an expertise in raster data, aerial and satellite imagery, and 3D modeling.

Ms. Harris began her career in 2005 at the National Geospatial Intelligence Agency, where she received formal GITP (Geospatial Intelligence Training Protocol) Training in imagery analysis and manipulation and was dispatched to the CIA (Central Intelligence Agency) as an Intelligence Analyst. Ms. Harris has also worked at the NRO (National Reconnaissance Office) on Special Access Programs, JIEDDO (Joint IED Defense Organization) on building 3D fly-through models, the DIA (Defense Intelligence Agency) on an R&D team to produce 3D pdfs, and the FAA (Federal Aviation Administration) as a photogrammetrist. After moving to Florida, Ms. Harris spent several years as the sole imagery SME on the US Army PEO STRI SE Core project, which built large 3D databases for military training purposes. Most recently, Ms. Harris moved to the private sector, and managed the orthophotography department of a small aerial photography firm.

Ms. Harris currently serves on the board of Florida Association of Cadastral Mappers (FACM).

Professional Affiliations

Florida Association of Cadastral Mappers

BRUCE C. HARRIS
PRESIDENT
bruce@bruceharris.com

Mr. Harris founded Bruce Harris & Associates, Inc. in 1995. He is responsible for growing the company from a single employee into an industry leading GIS company. As President and Chief Executive Officer, Mr. Harris is responsible for overall corporate planning and operation. He is responsible for all financial activities of the corporation, working closely with our Director of Administration and Vice President.

Mr. Harris' staff coordinates all GIS cadastral property mapping projects under his direct supervision. He also works closely on supporting and overseeing all marketing of company services.

Mr. Harris also provides technical consultation to County, City, Township, and State officials on the benefits and Return On Investment (ROI) of GIS. This includes the support of activities in various governmental offices and the formal presentation of recommendations to government officials.

Education

Mr. Harris attended the University of Wisconsin and the College of DuPage. He has also completed courses in basic assessment practices.

Professional History - Overview

Mr. Harris has over 45 years' experience in the fields of aerial photography, cadastral property mapping, tax map maintenance services, geographic information systems, parcel number identification systems and soil computation services. He has been involved in the marketing, public relations, and project coordination of projects in various states and has handled commercial atlas marketing for various counties. Mr. Harris has been the guest speaker at numerous county functions.

Professional Affiliations

- IPAI
- IAAO
- County Assessment Officers Association of the State of Illinois
- Illinois County Officials
- Illinois Association of County Engineers

- Ohio Auditors
- Ohio Engineers

COLIN RUSSELL
VICE PRESIDENT
colin@bruceharris.com

Mr. Russell is in charge of coordinating and producing all GIS projects. These projects include, but are not limited to, ArcGIS Online setup and configuration, Parcel Fabric conversion, Public Access Websites, E911 mapping, precinct redistricting, neighborhood mapping, and flood plain mapping. Mr. Russell interacts with counties, municipalities, and private enterprises to promote custom GIS services. Internally, Mr. Russell works with the GIS Coordinator to schedule and produce special projects.

Education

Mr. Russell received a Bachelor of Science Degree in Geography, with an emphasis in urban and economic geography, from Northern Illinois University. He is certified in Geographic Information Systems. Mr. Russell also received an Associate of Arts Degree from Heartland Community College.

Professional History

Prior to joining Bruce Harris & Associates in 2002, Mr. Russell worked for the Kane County Division of Transportation as a GIS Specialist. His responsibilities included assisting planners and engineers with GIS related projects. In this position he was responsible for development and implementation of GIS applications including data creation, data conversion, and spatial and statistical analysis.

Following are examples of projects Mr. Russell has managed for Bruce Harris & Associates:

- Countywide GIS for Vermillion County, Illinois
- Countywide GIS for Christian County, Illinois
- Countywide GIS for Kankakee County, Illinois
- Countywide GIS for LaSalle County, Illinois
- Farmland Assessment for numerous counties in Illinois
- Various utility projects.

Mr. Russell has extensive software experience in:

- ArcGIS for Desktop
- ArcGIS for Server
- ArcGIS Online
- ArcInfo Workstation

- ArcView
- ESRI Extensions
- ArcPad
- AutoCAD
- MicroStation
- GeoMedia Professional

BRANDON HARRIS, CCM
DIRECTOR OF SALES AND MARKETING
brandon@bruceharris.com

Mr. Harris manages all sales and marketing aspects for the company, including the coordination and sales of all services: aerial photography, GIS systems, soil mapping, cadastral property mapping projects, and geodatabase design/implementation. Mr. Harris also provides technical consultation to county, city, township, and state officials on GIS services. This includes the coordination of activities in various governmental offices; surveys of existing records, operating procedures; and conducting formal presentations to government officials.

Education

Mr. Harris received a Master of Science degree in Human Resources, Ethics and International Business from Loyola University and a Bachelor of Science degree in Economics and Business Administration from Augustana College.

Professional History

Mr. Harris joined Bruce Harris & Associates in 2007 as a GIS Account Manager overseeing a variety of GIS projects including the implementation of custom software and applications, geodatabase design and implementation, and countywide mapping.

Prior to joining Bruce Harris & Associates, Mr. Harris spent several years as a customer service manager and account representative for Circle 8 Logistics, dealing with customer satisfaction and account maintenance.

In July of 2016 Brandon was appointed as a Board Trustee for the Village of Maple Park, IL. As a Trustee Mr. Harris serves as Chair of the Infrastructure committee, and serves on the Personnel committee. Mr Harris has assisted the Village in revitalizing and growing their GIS. He also assists the Village with policy development and municipal oversight.

Mr. Harris obtained a CCM (Certified Cadastral Mapper) designation by completing the required FACM courses through the FDOR. Mr. Harris is currently an instructor for the FDOR and teaches FACM courses to mapping technicians and appraisers throughout the state of Florida. He provides courses in cadastral mapping and legal descriptions in Illinois.

Professional Affiliations

- IAAO
- Florida Association of Cadastral Mappers

RON CARLSON, CMS
DIRECTOR OF PRODUCTION
ron@bruceharris.com

Mr. Carlson manages and directs all cadastral mapping projects. He is responsible for the final preparation of the cadastral property maps. Duties include the review of all map information compiled from source data to verify that the information on the map is correct prior to plotting. This includes updating the clients' maps, scheduling of maintenance, collection of update data and production of maintenance.

Professional History

Mr. Carlson joined Bruce Harris & Associates in 1997 and has over 20 years of experience in the fields of aerial photography, cadastral property mapping, geographic land information systems, parcel numbering identification systems and map maintenance services. He works closely with county staff traveling to clients' sites to help train and perform research for future GIS projects.

Mr. Carlson has extensive experience in data and parcel layout, aerial interpretation and soil mapping using both manual and computer assisted drafting techniques. He has extensive experience in all aspects of tax map maintenance and topographic mapping and has worked on map maintenance projects for many counties. He has worked with ortho machines and worked in a photo lab darkroom for the development of ortho photo enlargements.

Mr. Carlson has achieved his CMS Designation through IAAO.

JASON BESSERT
DATA TECHNICIAN
jason@bruceharris.com

Jason is responsible for assisting in GIS mapping and data conversion projects. He has extensive mapping experience, and is well versed in AutoCAD, ArcMap, ArcCatalog, and ArcEditor environments. Jason's skills include Cadastral Parcel Mapping, Coordinate Geometry (COGO), Parcel Fabric conversions, and deed and legal description interpretation. Jason's duties include tax parcel maintenance, where he is responsible for updating parcel splits, consolidations, and annexations on client parcel maps. Jason has worked on many projects for the public sector, and is familiar with 911 Data, Centerlines, Address Points, and District Mapping projects. Jason is also part of BHA's QA/QC projects.

EDUCATION

Jason attended Waubensee Community College and obtained an Associate's Degree in Computer-Aided Drafting Technology. He attended Northern Illinois University and obtained a Bachelor's of Science in Geography. Jason also obtained his GIS Certification at Northern Illinois University.

PROFESSIONAL HISTORY

Jason joined Bruce Harris & Associates in 2001, and has over 16 years' experience in GIS.

Following are notable projects Mr. Bessert has participated in for Bruce Harris & Associates:

- McHenry, Illinois Tax Parcel Mapping Project
- Winnebago, Illinois, Illinois Tax Parcel Mapping Project
- Wayne, Ohio Tax Parcel Mapping Project
- Alachua, Florida Tax Parcel Mapping Project
- Pasco, Florida Tax Parcel Mapping Project
- Vermilion, Illinois Tax Parcel Mapping Project
- Vermilion Illinois 911 Conversion Project
- Lee, Florida Parcel Fabric Conversion
- Ashland, Ohio Tax Parcel Mapping Project & Conversion to Parcel Fabric

STEVEN GONZALEZ
GIS ANALYST
sgonzalez@bruceharris.com

As GIS Analyst, Mr. Gonzalez is responsible for assisting in GIS mapping and data conversion projects. Mr. Gonzalez also has extensive skills in GIS analysis, data visualization, and spatial statistical modeling. Mr. Gonzalez has experience in the private and public sector, and has assisted in completing large-scale government contracts. Mr. Gonzalez works with all of Bruce Harris & Associates' departments to produce special projects.

Education

Mr. Gonzalez received a Bachelor of Science in Geography from Texas State University, from which he graduated Magna Cum Laude. Mr. Gonzalez went on to achieve a Master of Science in Geography from Texas State University.

Professional History

Knight Federal Solutions — GIS Professional (March 2018-June 2018)

Geodatabase schema and data validation for United States Air Force bases using Python/ArcPy and R

Bexar County Appraisal District — GIS Technician/GIS Intern (September 2016-March 2018)

Enterprise geodatabase maintenance using Esri Services

University of Texas at San Antonio's Institute for Economic Development — Business Research Assistant (January 2016-June 2017)

Industry, marketing, and business research for national Small Business Development

Texas State University's Institute for Government Innovation — GIS Research Assistant (January 2016-January 2017)

Research for the Texas Manufactured Housing Association

Skills

- ArcMap
- QGIS
- R
- R Markdown/pandoc/LaTeX
- Python/ArcPy
- GeoDa
- PostgreSQL
- PostGIS
- SQL Server
- LAStools

- FUSION
- LP360

- Parallel HPC with SLURM
- Linux

Publications

Gonzalez, Steven. (2018). Evaluating Future Impacts of Climate Change on Traditional Mexican Maize Suitability and Indigenous Communities in Mexico (Master's thesis). <https://digital.library.txstate.edu/handle/10877/7455>.

JULIANA CANCELO
PROJECT MANAGER & MARKETING COORDINATOR
jcancelo@bruceharris.com

Ms. Cancelo manages and directs all marketing campaigns. She is responsible for BHA's marketing efforts, including managing all social media accounts and the company website, designing all print and digital marketing materials, and assisting sales staff. Ms. Cancelo also acts as project manager and is responsible for planning and overseeing the execution of projects and project related tasks.

Ms. Cancelo joined Bruce Harris & Associates, Inc. in 2016 and has over six years of experience in helping organizations connect with their clients, and clients with products and services that fit their needs. She possesses a unique combination of marketing and project management skills required to deliver successful projects.

Education

Ms. Cancelo graduated Cum Laude with a Bachelor of Art History from the University of Illinois at Chicago. She graduated Suma Cum Laude with a Masters in Business Administration from Roosevelt University.

Professional History

Athletico Physical Therapy — Partnership Assistant (March 2015-May 2016)

Processed and advised on sponsorship and charitable giving requests

Accelerated Rehabilitation Center — Marketing Coordinator (September 2015- March 2015)

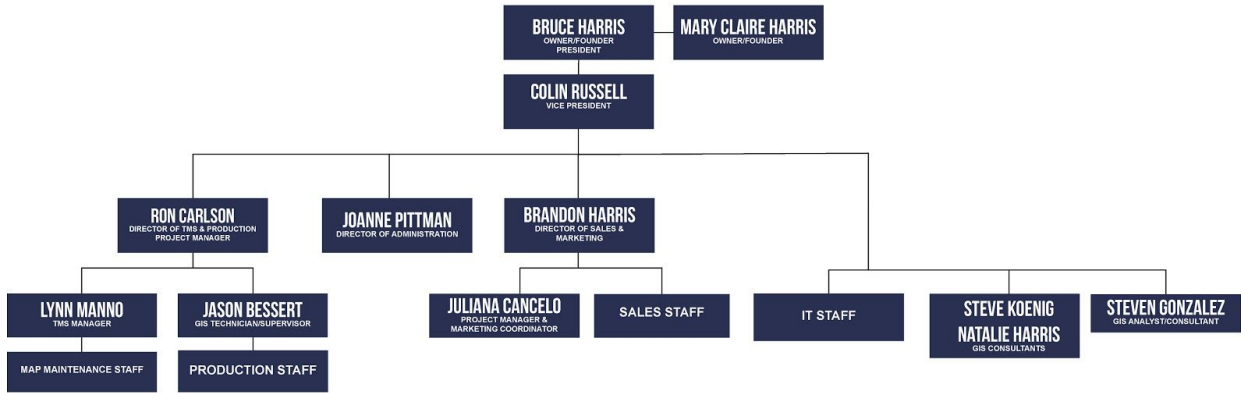
Created and executed print and digital marketing efforts, and assisted in sales operations

Caldera Investment Group — Marketing & Events Coordinator/Administrative Assistant (January 2013-May 2014)

Created and executed print and digital marketing efforts; planned and executed corporate events and travel

ORGANIZATIONAL CHART

BRUCE HARRIS & ASSOCIATES, INC.



REFERENCES

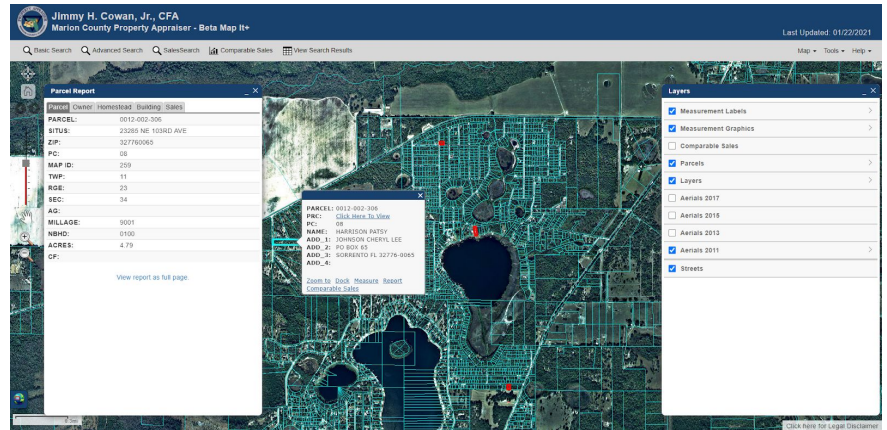
Marion County, Florida

Work Performed by:

Bruce Harris & Associates
Batavia, IL 60510
630-761-0951
Juliana Cancelo, Project Manager

Client:

Villie Smith
Property Appraiser
501 SE 25th Avenue
Ocala, FL 34471
Marion County, Florida
Office of the Property Appraiser
<https://www.pa.marion.fl.us/patviewer/>



Project:

BHA was contracted to modernize the Marion County Property Appraiser's website. BHA implemented our Parcel Access Template solution to replace their legacy GIS site. One of the challenges the County faced was transitioning their constituency to the new model, which was mitigated by implementing the PAT as a Beta site. This allowed for BHA and the County to make changes and adjustments without disrupting the public's viewing experience, or access to data, thus ensuring the County was able to continue their mission of fair and equitable practices.

The County had specific GIS feature data that they needed to be available in one interactive map. BHA was able to organize the data into feature services, using an ESRI platform, and set up automatic SQL routines to export, transform, and load the updated features and attributes to the web services. We worked closely with the Property Appraiser's staff to ensure the site is aesthetically pleasing as well as easy to use.

BHA also provided training to Marion County staff in updating their site so they are able to make changes independently.

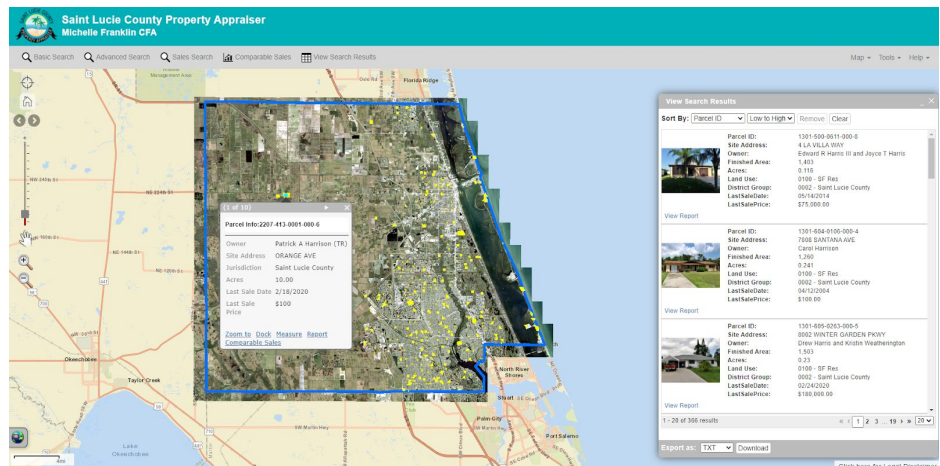
St. Lucie County, Florida

Work Performed by:

Bruce Harris & Associates
Batavia, IL 60510
630-761-0951
Juliana Cancelo, Project Manager

Client:

Michelle Franklin C.F.A.,
Property Appraiser
250 NW Country Club Drive
Port Saint Lucie, FL 34986
<https://www.paslc.org/map/>



Project:

Bruce Harris & Associates, Inc. was contracted by the St. Lucie County Property Appraiser's office to modernize their parcel search website. BHA did so by implementing our PAT solution. The Office of the Property Appraiser requested an additional internal website to be designed and implemented, accessible only to office staff. There were challenges specific to the internal site regarding the County's firewall and access to the data, but through working with the County's staff we were able to determine their specific needs and address data security concerns.

The Property Appraiser also requested that BHA add functionality to the website to allow for search results to be exported as mailing labels. This was a function they had available on their previous mapping site, so custom scripting was needed to ensure this capability continued to the new website.

Hillsborough County, FL

Work Performed by:

Bruce Harris & Associates, Inc.
Batavia, IL 60510
630-761-0951
Colin Russell, Project Manager

Client:

Mr. Bill Ward
Director of Business
Services/Media Relations
Hillsborough County Property
Appraiser
15th Floor County Center
601 E. Kennedy Boulevard
Tampa, Florida 33602-4932
813-276-8910
<https://gis.hcpafl.org/gissearch>



Parcel Count: 500,000

Project Description:

BHA was contracted to modernize the Hillsborough County Property Appraiser's website. BHA created four websites--a custom parcel search website, a Homestead exemption site, TPP filing site, and a Subsidence site for the purpose of searching real property data integrated with GIS. Each website contains interactive mapping capabilities driven by ArcGIS for Server map services. All three sites contain searches, results and reports.

BHA has also provided ArcGIS for Server upgrade and maintenance services to the Hillsborough County Property Appraiser's Office.

Bruce Harris & Associates, Inc. was also contracted by the Hillsborough County Property Appraiser's Office to transition the Property Appraiser's Office to Esri's Parcel Fabric. The County previously maintained their maps in ArcMap. BHA migrated the County to a modern GIS environment by converting their data into the ArcGIS Local Government Information Model (LGIM) using Esri's Parcel Fabric solution.

In addition to the data model design and conversion, Bruce Harris & Associates trained Hillsborough County staff in maintaining and editing data in the Parcel Fabric.

Osceola County, Florida

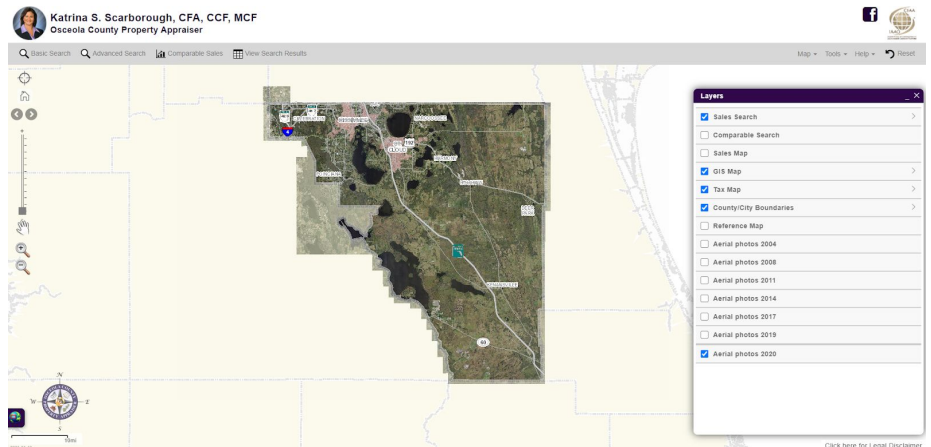
Work Performed by:

Bruce Harris & Associates
Batavia, IL 60510
630-761-0951
Colin Russell, Project Manager

Client:

Ms. Katrina S. Scarborough,
Osceola County Property
Appraiser
2505 E Irlo Bronson Memorial
Hwy
Kissimmee, FL 34744
407-742-5000

<https://ira.property-appraiser.org/gisbeta/>



Project Description:

Bruce Harris & Associates was contracted to convert Osceola County's existing AutoCAD map files into an Esri Enterprise Geodatabase. The results of this conversion greatly streamlined the County's parcel maintenance, data management, workflow, and data distribution procedures. Delivery included comprehensive training in parcel maintenance using ArcGIS and MapAscend parcel maintenance applications.

Bruce Harris & Associates was also contracted to provide custom web applications and website maintenance services to Osceola County. Custom web applications included parcel map/CAMA search and report, online homestead application form, and tangible personal property web application.

Our staff also developed the Property Appraiser's public GIS website. This website uses the latest ArcGIS for Server technology and is able to support a relatively high volume of web traffic. During the past one year period, this website has received over 1.2 million page views.

Most recently, Bruce Harris & Associates converted the County into the ArcGIS Parcel Editing Solution (Parcel Fabric) and the ArcGIS for Local Government Information Model (LGIM). The services included were geodatabase design and configuration, database migration into the Parcel

Fabric, training, and parcel publishing. Osceola County was awarded a Special Achievement in GIS award at the 2015 Esri User Conference as a partial result of the working relationship developed between our company and Osceola County.

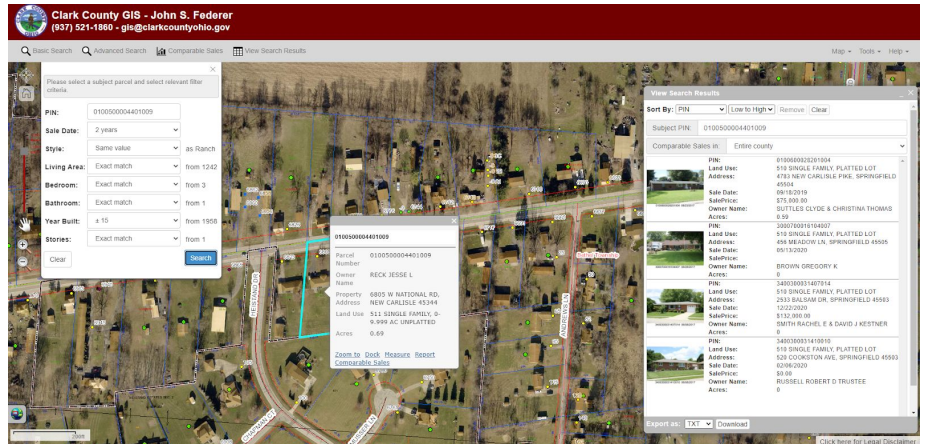
Clark County, Ohio

Work Performed By:

Bruce Harris & Associates, Inc.
Batavia, IL 60510
630-761-0951
Colin Russell, Project Manager

Client:

Shayne Gray
GIS Director
31 N. Limestone, Springfield,
OH 45501
sgray@clarkcountyohio.gov
(937) 521-1885
<http://gis.clarkcountyauditor.org/>



Project Description:

Bruce Harris & Associates, Inc. was contracted by Clark County to modernize their GIS website. Using the Parcel Access Template (PAT), BHA modernized Clark County's user experience, while adding expanded functionality, such as the addition of a Comparable Sales Tool and Weekly Sales Tool. BHA developed the Comparable Sales Tool to allow Clark County PAT users to search for sales of similar properties based on a subject parcel. The Weekly Sales Tool allows users to query valid property sales within the county based on a date range, sales range, and jurisdictional boundaries.

LaSalle County, Illinois

Work Performed by:

Bruce Harris & Associates, Inc.

Batavia, IL 60510

630-761-0951

Colin Russell, Project Manager

Client:

Ms. Stephanie Kennedy, Supervisor of

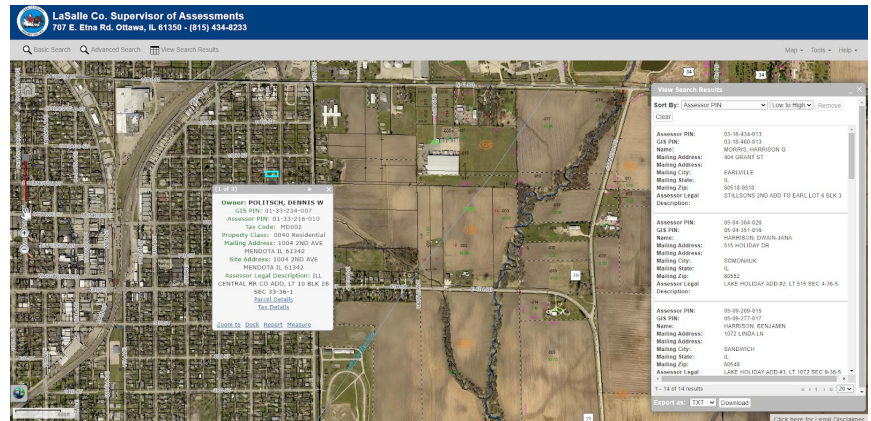
Assessments

707 Etna Road

Ottawa, Illinois 61350

815-434-8233

<http://gis.lasallecounty.org/maps/>



Project Description:

Bruce Harris & Associates, Inc. was selected to establish a digital orthophoto and vector cadastral based geographic information system covering the 65,000 parcels within LaSalle County. The purpose of the project was to provide an accurate photo and parcel mapping system that could be shared by all government entities within LaSalle County and provide the private sector with a means to retrieve accurate data efficiently.

Using the digital orthophotography and recorded documents provided by LaSalle County, Bruce Harris & Associates mapped the 65,000 parcels within LaSalle County.

Since the original parcel mapping, many GIS applications have been developed for LaSalle County in multiple departments. These have included redistricting and precinct mapping for the County Clerk's Department, GIS implementation for Emergency Management, permit and zoning layer and map development for Environmental Services and well and septic and restaurant location mapping for the Health Department.

Additionally, ArcGIS Server websites have been deployed for multiple applications. These websites have greatly increased the accessibility and utilization of GIS within LaSalle County.

San Bernardino County, California

Work Performed by:

Bruce Harris & Associates

Batavia, IL 60510

630-761-0951

Juliana Cancelo, Project
Manager

Client:

Ed Liou

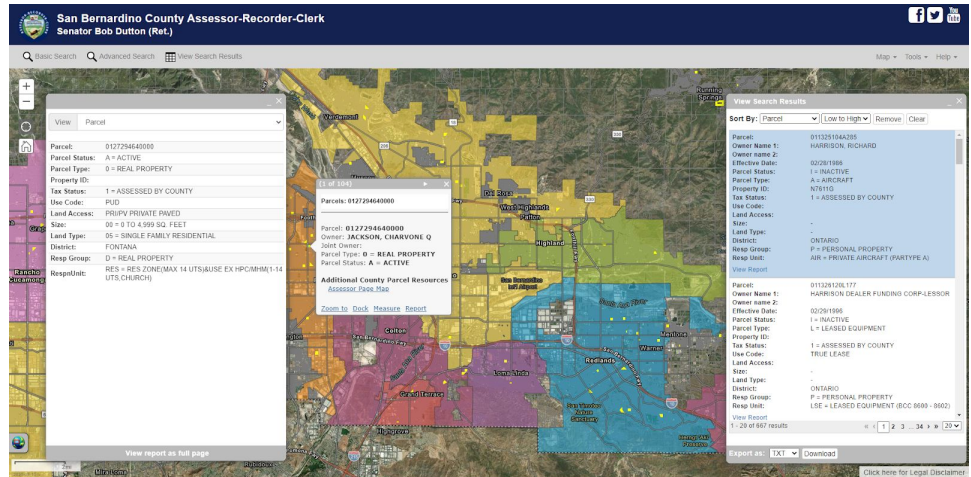
Programmer Analyst

Office of Bob Dutton

Assessor-Recorder-County

Clerk

909-386-8985



Project:

BHA was contracted by San Bernardino County's Office of the Assessor-Recorder-County Clerk (ARCC) to implement BHA's Parcel Access Template (PAT). BHA has completed the first phase of this project, which includes a public-facing PAT (scheduled to go live Q1 2021). Phase two is slated for completion in 2021, and will feature an authenticated, internal PAT.

One of the challenges within this project is incorporating vast amounts of assessment data, and recreating the County's legacy system. BHA worked with ARCC to adapt the PAT to fit the needs of the County.

San Bernardino County is one of the largest geographic counties in the country and hosts a population of over 2.1 million residents. Connecting such vast amounts of data from various locations required careful planning and ETL (Extract, Transform, Load) processes. Working with the ISD and Assessor-Recorder-Clerk departments, BHA was able to coordinate nightly data transfers ensuring up-to-date records and optimal performance for their users.

Bruce Harris



Bruce Harris & Associates, Inc.
21 N. River St., Batavia, IL 60510
(630) 761-0951
info@bruceharris.com