Integrating State of the Art Technology in a Small Planning Department

Jeanette DeRenne, AICP
Pima County Department of Transportation

Todd Fortune, CFM
Licking County Planning and Development
Going Nowhere Fast!

- Came into half done projects
- Some plans had never been attempted
- Software was out of date—really out of date!
Crawling Forward

MAP

- Agricultural
- Home Occupation
- Commercial
- Institutional
- Single Family Residential
- Rural Residential
- Undeveloped, Non-Agricultural Land

LEGEND
- Central Business
- Community Waterfront
- Scenic Waterfront
- Primary Entry
- Secondary Entry

Conceptual drawing of potential streetscape improvements including pinch points, on-street parking, roundabout, tree lawns, street trees, crosswalks, and bike lanes. This drawing also demonstrates a build out scenario of three key properties in Brownsville (Concept by AW).
Implementation Strategy

Symbolized by the green background of the Licking County Flag, agriculture has and will continue to be a vital industry in the Licking County economy. Historically as well as currently, this industry has had a foothold in the culture and identity of the county. In 2002, Licking County undertook a major planning effort known as Agriculture for Tomorrow. This plan, created by the Licking County Farmland Task Force, staffed by the Licking County Planning Commission, was funded through a grant with the Ohio Department of Development. The mission of this group was to develop a comprehensive plan to preserve farmland in Licking County by:

- Protecting productive farmland, especially the land that is identified as prime farmland.
- Supporting policies and programs that will enhance the economic viability of agriculture, Licking County’s largest industry.
- Encouraging business and residential developments that are compatible with farmland preservation goals.
- Educating our fellow citizens about farmland preservation.
- Assisting our County Commissioners in seeking new tools to protect farmland.

In 2012, the Director of the Licking County Planning Commission included agricultural preservation in the department’s work plan. A working group was created to examine the 2002 Agriculture for Tomorrow document and develop short term projects which would have a substantial impact on the agricultural preservation mission set forth in the plan. The working group focused on implementing the 2002 document rather than simply creating a new plan. The working group sought to develop action items to further agricultural preservation efforts of Licking County, to support preservation activities of other organizations, and to find opportunities to work with other organizations to fulfill the mission of the original plan. The work associated with this project was conducted over the third and fourth quarters of 2012.

Completed in 2007, the United States Department of Agriculture (USDA) conducted a census of agriculture. An update of this information is being conducted and the data is scheduled for release in 2014. This information will be vital for local governments to analyze and determine the condition of agriculture in Licking County. According to the 2007 census of agriculture there are 1,400 farms totaling 219,000 acres in Licking County. The average size of a farm in Licking County is 156 acres. In Licking County, the total cash receipts from farms in 2010 equaled $146,815,000 ($140,876 per farm). This data indicates that agriculture is a leading industry in the Licking County economy as well as in the State of Ohio. Identified as such, working to strengthen, advance, and promote this vital industry has become part of the Licking County Planning Commission’s mission.
New Programs
• InDesign
• Photoshop
• Elements
• Sketchup
• Illustrator
• GIS

Planning Review Defined: What is this document? This document is entitled the "Jackson Center Focus Area Planning Review" and is intended to be exactly that, a review of the Jackson Center area and an illustration of the planning principles necessary to guide this community to the future. This review encompasses the entire area surrounding Jackson Center and extends from the SR 13 interchange on the south to Deans Access Road on the north and from the Lakewood Schools on the west to just past Jackson Center. The Jackson Center Planning Commission staff has completed this report with additional input from local officials, local business owners, and the Ohio Department of Transportation District 5. This review is not a comprehensive plan and should not be used as such.

Purpose: Why Jackson Center?
The purpose of this review is to evaluate the current conditions and establish principles in place for the Jackson Center area prior to construction of the Jackson Center sewer extension project. This review will project bring sewer service to virtually all of the planning review area. The timing and activity of this review were heavily influenced by the sewer extension project. The Jackson Center Planning & Development Department realizes that with the new sewer availability in the area, there will be increased development pressure and a higher probability for changes in the existing land use patterns. This review is an attempt to assist Jackson Center, Jackson County, and other applicable agencies in establishing guidelines for the area when it comes to the potential opportunities and threats that may come as a result of the sewer project.

Additionally, this review was focused along the National Road corridor in an effort to incorporate a portion of the "Ohio Historic National Road Design Handbook". The handbook was administrated by the Ohio National Road Association and the Ohio Historic Preservation Office and is intended to give guidance to local officials and groups to help "preserve, promote and enhance the very qualities of the National Road that led to its designation as a National Scenic Byway All-American Road." This review integrates many of the concepts and ideas from the design handbook and highly recommends the continued use of the handbook by local officials.

Goals of the Planning Review: What do you hope to achieve with this document?
In large part this review is simply intended to begin the conversation surrounding the future of the Jackson Center community. This is a community that has not had a reason for much planning or visioning in the recent past and this in an essential step to begin planning for the potential of Jackson Center. It is our hope that this review also sparks investment in Jackson Center and enthusiasm about the community’s future. This truly is a special place worthy of financial investment and the donation of the community’s time and resources. Investment is made when people are excited about an area and have hope for the future, whether that investment takes the form of rebuilding an existing home, redeveloping a business, providing funding for public improvement projects, or setting aside personal time to better the community.

This review is also intended to give suggestions aimed at reestablishing and promoting a positive identity for the Jackson Center community. Further, many of the proposals in this review are intentionally designed to present a distinct identity to the Jackson Center community identity as a National Road site with a wealth of history and unique qualities embodied within it, such as the connections to Deans Access Road.

Improved Quality

About Our Great Community

Harrison Township - Welcome to a Brief History

Harrison Township has the distinction of being the oldest organized community in Southwestern Licking County. It was formed in 1816, and encompassed most of the southwestern portion of the county. In 1827, the western portion of the township was split off, which became what was known as Lima Township. Later, in 1835, the southern portion was split, thereby creating Fina Township.

The first inhabitants of the township were Mound Builders. Later, much of the lands within the township, were pledged and conveyed as consideration for service during the Revolutionary War. The first land grant, in what would later become Harrison Township, was given, beginning in 1801. The first permanent white settlers appeared in our area around 1805. In 1826, the first official census was taken. This showed only 137 residents at that time. By 1840, the number had risen to 870.

It was not until the 1850s, when the railroad arrived, that the area began to rapidly develop. This led to the easy transportation of people and goods. The 1850 census showed 1,447 residents. The most recent census, from 2010, shows 7,641 residents.

Originally called Kirkerville Station, the village of Ostriville developed in the 1850s. This village was originally a stop on the Central Ohio Railroad, primarily for the delivery of mail to the village of Kirkerville. A railroad station agent, James Ohiocat, realized the confusion behind the two towns similarly named Kirkerville, and ultimately changed the name to Ostriveville. Ostriveville was an important stop for freight trains, and even later provided a passenger stop for the railroads. The last passenger trains to stop at the Ostriveville station, occurred in 1960.

Speaking of the Ostrive train station: After the run of the Central Ohio Railroad, the Baltimore and Ohio Railroad took over operations. In 1890, the B&O built a Queen Anne/Elizabethan architectural style passenger depot. After 1940, the depot was closed, later sold, and then moved north of Ostriville, in 1960. In 1963, the Harrison Township Trustees arranged to have the depot returned to Ostriville at the township complex, and placed near the main line track currently in place. Shortly after its return, the trustees contracted for an extensive restoration of the depot to its former glory. In 1995, the depot was listed on the National Register of Historic Places. This depot is one of only six remaining on the line between Columbus and Pittsburgh. It is accessible through the work, during normal business hours.

Another interesting fact about Harrison Township is that the first lighted ball field in Licking County, and one of the first in Ohio, was in the township. On May 27, 1935, the first night baseball game took place just east of the intersection of Blacks and Ostrive Roads. A triple header was played, with the first pitch occurring at 8:35 p.m. All of this occurred just a scant three nights after the Cincinnati Reds played the first night game in major league history.

Civic events abound in our township as well. In July, the local tractor club hosts a large tractor and truck pull and power show. This has been organized through the generosity of local club members and their selfless contribution of time and efforts. This show is one of the largest in the state, with pullers and displays brought in from around the Midwest. Further, the organizers have provided the pulling participants with handsome prize purses, all of which has come from donations and a very modest entry fee. This show is in addition to a fall truck and tractor show, which takes place at the township facility.
Now We’re Running!

- Bowling Green
- Agriculture Plan
- Alec Plan
- Buckeye Lake Study
- Multi-Use Trail Plan
Now We’re Flyin’!
Roadway Conditions Inspections
Real Estate
Site Inspection
Site Inspection
Tourism
Alternative View
August 28, 2015

Docket Operations, M-30
U.S. Department of Transportation
1200 New Jersey Avenue, NE
Room W12-140, West Building Ground Floor
Washington, DC 20590-0001

Re: Petition for Exemption under FAA Modernization and Reform Act of 2012 (P.L. 112-95), Section 333

Dear Sir or Madam:

Pursuant to Section 333 of the FAA Modernization and Reform Act of 2012 (FMRA) and 14 C.F.R. Part 111, Licking County local government (hereafter Licking County) applies for an exemption from Federal Aviation Regulations (FARs) listed below under “Basis for Petition.” Exemption is being sought in order to allow Licking County to operate its unmanned aircraft systems (UASs) commercially for the purpose of local government functions including funded infrastructure and utility structure inspection, precision aerial surveys and analysis, aerial inspection of land and structures, maintenance services, and aerial videography and photography.

This request is similar to other data collection, inspections, and aerial cinematography previously approved and is respectfully requested to be considered under the expedited summary grant procedure. Approval of the exemption for petitioner will allow commercial operation of the DJI Phantom 2 Vision Plus and the DJI Inspire 1 in Class G airspace nationwide unless otherwise prescribed by an Air Traffic Organization (ATO) issued CUA. These two UASs have been previously issued for use in previous Grant of Exemptions including Numbers 11062, 11109, 11112, 11123, 11136 for the DJI Phantom 2 Vision Plus and, 11224, 11313, 11327, 12422 for the DJI Inspire 1.

Introduction of the Petitioner

Licking County local government provides a myriad of services to its population of nearly 170,000 people and the more than forty local governments. We also provide similar services to other communities in public partnerships and coordinated cost savings. These services include a broad range of activities that improve, modify, and add to the public infrastructure of the community. Licking County also provides floodplain administration, storm water management, site selection assistance, trail development, emergency response, and technical land use and transportation assistance to all of its 25 townships, five cities, and eleven villages.

Gerald Newton, AICP
Executive Director

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Licking County Planning Commission
20 South Second Street, Newark, Ohio 43055

July 31, 2015

Mr. Kenneth Fugate
UAS Integration Office, AF5-80
UAS Airworthiness Section, AF5-86
470 L’Enfant Plaza, Suite 3200
Washington, DC 20024

Re: UAS Registration Marking

Dear Mr. Fugate:

Title 14 of the Code of Federal Regulations 45.22(6), Exhibition, antique, and other aircraft: Special Rules, permits persons to apply to the Administrator for a different marking procedure if it is impossible to mark an aircraft per §§ 45.21 and 45.23 through 45.33. Licking County is requesting an alternate marking for the DJI Phantom II Vision + registration marks.

The DJI Phantom II Vision + is a Small Unmanned Aerial System (SUAS) that cannot comply with the aircraft marking standards per §§ 45.21 and 45.23 through 45.33. Licking County is proposing marking the DJI Phantom II Vision + using “SU” letters on the airframe on both sides of the aircraft.

If you have any questions, please contact the undersigned at: 20 S. Second Street, Newark, OH 43055 or call 740-670-5200.

Sincerely,

Gerald A. Newton, AICP
Director
Licking County
FAA Regulations

CERTIFICATE OF COMPLETION

This Certificate of Completion is hereby awarded to

MICHAEL FORTUNE

by Theiss UAV Solutions for successfully completing
the Theiss Pilot Proficiency Program on 8-21-2018

Michael Fortune

FAA Computer Test Report

U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Airman Knowledge Test Report

NAME: FORTUNE, MICHAEL T
APPLICANT ID: [Redacted]
EXAM ID: [Redacted]
EXAM DATE: 08/14/2015
EXAM SITE: [Redacted]
SCORE: 87
GRADE: PASS
TAKE: 1

LEARNING STATEMENTS (CSS) are listed below to represent incorrectly answered questions. Learning statement codes and their associated
information can be found at www.faa.gov/training/testing/testing_css
Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at
www.faa.gov/training/testing/testing_airman_test_guides

A single code may represent more than one incorrect response

PLT215 PLT249 PLT293 PLT147 PLT161 PLT492 PLT161 PLT212

EXPIRATION DATE: 08/31/2017
CTU's Embossed Seal

DO NOT LOSE THIS REPORT

AUTHORIZED INSTRUCTOR'S STATEMENT: (If applicable)

On [date] I gave the above named applicant [hours]__ hours of additional instruction, covering each subject area shown to be
deficient, and consider the applicant competent to pass the test.

Name [Print clearly] ________________ Initial __ Cert. No. __________ Type ______

Signature __________________________

FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.

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PSI Services LLC
800-211-2134 or 360-896-9111
www.100percentgrade.com

Applicant Location: 3634
Testing provided by: AADB3702
Y-City Flying Service
1200 Fairview Rd.
Bainbridge, OH 43001
740-454-1615
Unmanned Aerial Systems
ROI = $10,000:$1

Port Authority: $3 million

Cherry Valley: $31 million
Lessons Learned

- Start somewhere – or with something you know
- Look for free tools – most are easy
- Use the platform that’s right for your purpose
- Don’t be afraid to think outside of the box or try new tools
- Let your team be creative
- Utilize the skills that are under your roof
- Don’t create barriers that aren’t there
- Be aware of FAA regulations, track status of changing regulations
- Expect the FAA moves slow and changes slower
- Have fun

TRY SOMETHING ALREADY!