



## NOTICE OF A MEETING

**REGIONAL DATA ADVISORY COMMITTEE MEETING**  
MID-OHIO REGIONAL PLANNING COMMISSION  
111 LIBERTY STREET, SUITE 100  
COLUMBUS, OHIO 43215  
SCIOTO CONFERENCE ROOM

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Columbus, Ohio 43215

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**July 9, 2018**  
**2:30 pm – 4:00 pm**

### AGENDA

- 1) **Welcome & Committee Administration– Tom Kneeland**
- 2) **Regional Data Agenda – Tom Kneeland**
- 3) **New RDAC Subcommittee Structure – Tom Kneeland**
- 4) **MORPC Staff Updates – Aaron Schill**
  - a) Data & Mapping staffing updates
  - b) Draft Regional Population Projections
  - c) Smart Columbus Operating System Technical Working Group
  - d) Smart Region Task Force
  - e) Central Ohio GIS Users Group Meeting 5/9/18 – Cheri Mansperger
- 5) **Regional Public Policy – Joe Garrity**
- 6) **Regional Data Activities – RDAC Members**
- 7) **Other Business**
- 8) **Adjourn**

**PLEASE NOTIFY Lynn Kaufman at 614-233-4189 OR [lkaufman@morpc.org](mailto:lkaufman@morpc.org) TO CONFIRM YOUR ATTENDANCE FOR THIS MEETING OR IF YOU REQUIRE SPECIAL ASSISTANCE.**

**The next RDAC Meeting is**  
**September 21, 2018**  
111 Liberty Street, Suite 100  
Columbus, Ohio 43215

*When you arrive in MORPC's lobby, a video screen will display the day's meetings. Each meeting will list a phone extension. Use the phone in the lobby to call the extension and someone will come escort you to the meeting.*

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**William Murdock, AICP**  
Executive Director

**Rory McGuiness**  
Chair

**Karen J. Angelou**  
Vice Chair

**Erik J. Janas**  
Secretary

Mid-Ohio Regional Planning Commission  
111 Liberty Street  
Columbus, Ohio 43215

Regional Data Advisory Committee  
Meeting Minutes

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March 30, 2018  
10:00 am

Members Present

|  |  |
|--|--|
| Brad Ebersole, Consolidated Electric Cooperative | Bill LaFayette, Regionomics, LLC                               |
| Shoreh Elhami, City of Columbus                  | Dan Merrill, Urban Decision Group                              |
| Rick Garrabrant, City of Columbus                | Ernest Perry, HandsOn Central Ohio                             |
| Jung Kim, Columbus2020, Vice-Chair               | Scott Sanders, Delaware County Regional<br>Planning Commission |
| Mayor Tom Kneeland, City of Gahanna, Chair       |  |

MORPC Staff Present

|              |                  |              |
|--------------|------------------|--------------|
| Joe Garrity  | Cheri Mansperger | Aaron Schill |
| Lynn Kaufman | William Murdock  | Liz Whelan   |

Meeting Called to Order at 10:05 am

1) Welcome & Committee Administration– Tom Kneeland

Mayor Kneeland thanked the members for attending, and noted that the “Round Robin” portion of prior meetings has been changed to “Regional Data Activities” and asked that members share their submissions with staff prior to the meeting.

2) Regional Data Agenda – Tom Kneeland

a) Review of Draft Regional Data Agenda

Aaron reported that at the January 24 meeting, members discussed the development of a Regional Data Agenda to parallel the Regional Sustainability Agenda and the Regional Policy Agenda. He directed the members’ attention to the Draft Regional Data Agenda in the meeting packet and explained that the five large goals in the draft agenda were developed by Mayor Kneeland, Vice-Chair Kim, the two subcommittee chairs, and MORPC staff.

Aaron went on to detail the goals and examples of possible objectives/action items:

- To **foster collaboration** among local entities
  - hosting data groups such as COSMOS and COGUG
  - encouraging and facilitating regional data sharing
  - promoting the creation of a regional open data portal
- To support and provide opportunities for **data capacity building and education**
  - establishing a MORPC Data Academy
  - establishing a Data Day to promote data education
  - encouraging the construction of digital infrastructure through MORPC’s attributable funding process
- To promote good **data governance and practices**
  - compiling and developing best practices policies
  - encouraging the regional adoption of those policies
  - developing guidance regarding emergent data policy issues

- To continually innovate its role as a data creator, user, and provider through ongoing **data procurement and development**
  - identifying priority data discovery areas
  - creating and maintaining regional datasets
  - increasing data collection through automation
- To serve as a model for **data access, inclusivity, and equity**
  - promoting broadband access for all Central Ohio residents
  - tracking data related to MORPC's own diversity efforts
  - developing tools to enhance the ability of users with varying skill levels to access and use data

At Aaron's request, the members then performed a brainstorming exercise, producing written suggestions of other ways to achieve each of the five Regional Data Agenda goals. At the end of the exercise, members verbally shared their ideas.

b) Prioritization of Regional Data Agenda Items

Aaron said that staff would summarize the members' ideas and share that summary with the members, so that the members could provide feedback regarding prioritization of the ideas.

c) RDAC Subcommittee Discussion

Aaron reported that due to a very full agenda, this item will be discussed at the next meeting. Mayor Kneeland asked members to contact staff with any ideas regarding the subcommittees.

3) MORPC Staff Updates – Aaron Schill

a) Stanford Digital Cities Summit

Aaron reported that in February, he had the opportunity to present at the Stanford Digital Cities Summit, which was a conference for the tech sector, researchers and policymakers from across the country. Out of several hundred participants, MORPC was one of only three local governments that were represented. It was an excellent opportunity to share the innovative work occurring in Central Ohio, including SmartColumbus, the US 33 Connected Corridor, and other local smart cities initiatives in front of a national audience. Aaron offered to send materials or links to interested members.

b) MORPC Smart Region Task Force

Aaron reported that the second meeting of the Task Force was yesterday, March 29. The Smart Region Task Force is a group of local government and private sector representatives whose goal is to prepare Central Ohio communities for smart infrastructure investments by developing a shared vision for a smart region. The task force is working over a two-year period to examine the potential benefits and unintended consequences of smart infrastructure investments. It is also working to generate regional policies and guidelines that will lead to the creation of a smart region. Dana McDaniel of Dublin is the Chair, with Joe Stefanov of New Albany as Vice-Chair. With the mix of public- and private-sector participants (2/3 public, 1/3 private), conversations have been robust and in-depth. Staff expects there will be many opportunities for collaboration between RDAC and the Task Force moving forward.

The Task Force is working on three specific deliverables:

- A Smart Streets Policy which will guide MORPC's attributable funding.

- A Crosswalk, which will be a Smart Region Policy Playbook to guide MORPC's work.
- A Smart Region Resource Guide, which will include sample policies and other guiding documents for MORPC's members.

Aaron reported that the Task Force has developed a glossary of terms related to smart cities technologies, which may eventually turn into an item for the MORPC website. The Task Force is also collecting articles regarding smart cities technologies for reference and education. Aaron offered to distribute links to both of these items at any member's request.

c) SmartColumbus Operating System

Aaron reported that Columbus has created a Technical Working Group of public, private, and nonprofit representatives to develop the SmartColumbus Operating System (SCOS). The Technical Working Group consists of four tracks:

- the data use cases group – identifying potential uses for data stored in the SCOS
- the technical group - researching how the structure and other technical considerations for building the system
- the policy group - involved in data privacy, standardization, governance, and policy issues, and
- the productization group - involved in creating a final product that can either be sold or shared with other communities nationwide. One of the goals of the funder, USDOT, is for this project to be replicable for other communities' smart cities initiatives.

Aaron is facilitating the data use cases group. Through brainstorming, the group has identified 116 unique datasets that are either currently available or that the group would like to have access to. The City of Columbus team is now taking this information and developing it into a data inventory, which will guide what types of data they acquire, and who they should get it from.

The data use cases group also developed several problem statements, identifying problems that exist in the community that this data system could help to address. The group identified 31 specific problems, which broke into 39 different use cases for the operating system. The group prioritized three top use cases to develop: food access, traffic data, and multimodal transportation for older adults. Early in May, the use cases will be integrated with datasets, and attendees of a hackathon will begin developing applications based on the use cases to address these problems.

Members discussed the relation between the Technical Working Group projects and the eight main SmartColumbus projects. Aaron reported that there may be some overlap on the traffic projects, but the Technical Working Group projects simply need to relate to the overarching goals of SmartColumbus which are improving safety, improving access to services for residents, improving environmental outcomes, and reducing congestion. The SmartColumbus team is developing their own use cases for the specific SmartColumbus projects – connected and autonomous vehicles, truck platooning, and event parking to name a few. The technical working group is developing other use cases that this system might work for, possibly making this into a regional data resource.

Members discussed ownership of that data, subscriptions, and policy. Aaron noted that the policy group is not to this level of detail yet; currently they are working on the more basic

policy question of data privacy. He suggested that at a future meeting, representatives from both the policy and the technical teams may give progress reports.

- d) Central Ohio GIS User Group – Cheri Mansperger  
Cheri reported that the COGUG met on February 14, with presentations from Rocky Kambo, City of Powell, regarding Powell’s website that links scanned plans to individual parcels and from Liz Whelan regarding MORPC’s User Personas project.

Cheri also reported that MORPC hosted a LUCA (Local Update of Census Addresses) training session on March, 28. Most of the attendees indicated that they are using the LBRS data for that initiative which will help clean up the dataset and provide a standardized format.

4) Regional Public Policy – Joe Garrity

Joe thanked all the members who were able to attend the MORPC Digital Infrastructure Legislative Meeting on March 21, and noted that the General Assembly is currently on spring break, set to return on April 11.

a) HB 3 DataOhio Board Creation

Joe reported that this Bill was introduced by Rep. Duffey and Rep. Hagan. It has been introduced in previous General Assemblies, passing the House both times and in December 2017 passed out of the House Finance Committee but has not received a vote on the House floor. The Bill would create a DataOhio Board – a one-stop-shop website for all things data. Joe reported that the Bill is not expected to move, unless it does so in the lame duck, which would occur after the election in November 2018.

b) HB 281 Broadband Expansion Program

Joe reported that this Bill was introduced by Rep. Carfagna, it passed the House on January 31, 92-5, and currently resides in the Senate Finance Committee. This Bill creates a \$2,000,000 appropriation to provide gap funding for last mile broadband connectivity. For eligible projects 2/3 of the necessary gap funding must come from the applicant township or the municipality, with possible assistance from the county, and the remaining 1/3 of the funds coming this pot of money. This Bill is expected to move soon.

c) HB 378 Ohio Broadband Development

Joe reported that this Bill was sponsored by Chairman Smith, who chairs the House Finance Committee. The Bill has a \$50,000,000 appropriation and also creates a broadband grant program. However, the grant funds are not solely open to townships and municipalities but also businesses, cooperatives, and nonprofits. If this Bill were to pass it could leverage additional broadband expansion dollars from the federal government; the funds that come from this bill are from the Third Frontier Funds.

d) HB 478 Small Cell Wireless

Joe reported that this Bill is related to 5G deployment, and passed the House in February 2018, 76-15, and currently resides in the Senate Public Utilities Committee. This Bill is expected to move.

5) Regional Data Activities – RDAC Members

No members offered to share current projects.

6) Other Business

Mayor Kneeland noted that one of the goals for the next meeting is to have the agenda prepared a week ahead of time for the Committee's review.

Members discussed identification mapping of current broadband availability, and whether the data is or is not public. Aaron reported that though the data exists, it is outdated and unreliable, and that private broadband providers are required to report both the coverage area and the theoretical speed when filing with the FCC.

Members discussed charging users for data. Aaron noted that this is a very new and emergent data policy issue and that there will definitely be a lot of digging into this topic.

Members discussed the availability of broadband and other shared GIS data, and Aaron noted that there are five regional datasets managed by MORPC that are populated by local individuals. Members went on to discuss proprietary protection for data, the quality of the data in the datasets, and the guiding principles when it comes to data acquisition and protection. Aaron noted that there is little in documented policies and core guidance, and that with the new types of data that local governments are dealing with, it is becoming less clear what should or should not be made public.

Members discussed standardization of data formats and data quality. Aaron reported that the Technical Working Group for the SmartColumbus Operating System is addressing that issue. Ideally it will be a system versatile enough to take any type of machine readable data and make it accessible, with some guidance around preferred formats and standardization to make that feasible.

7) Adjourn 11:40 am

**ACTION ITEM/INDICATOR**

**OBJECTIVE**

**GOAL**

|  |   |  |
|--|---|--|
| <p><b>Goal 1</b> In its role as a convener and facilitator, MORPC will <b>FOSTER COLLABORATION</b> among local governments, partners, and stakeholders to enhance the use of data in Central Ohio.</p> | <p>1.1 Convene meetings of local government staff responsible for creating and maintaining the region's data resources.</p> <p>1.2 Support the creation of a regional open data portal.</p> <p>1.3 Pursue new relationships with private sector, nonprofit, and academic data partners.</p> <p>1.4 Promote data-centered local decision-making.</p> | <p>Host quarterly meetings of the Central Ohio GIS Users Group (COGUG).</p> <p>Host quarterly meetings of Central Ohio Systems Management Organizational Sharing (COSMOS).</p> <p>Support and coordinate with the MORPC Smart Region Task Force.</p> <p>Make data and maps created by MORPC available through MORPC's open data site.</p> <p>Provide technical support and guidance on the creation of the Smart Columbus Operating System.</p> <p>Increase the number of data providers connected to the regional open data portal.</p> <p>Identify a sustainable host agency and funding source for the regional open data portal.</p> <p>Formalize a multi-agency partnership with The Ohio State University Center for Urban &amp; Regional Analysis (CURA), Thoughtwell, and the City of Columbus.</p> <p>Establish MORPC as a co-partner with Thoughtwell representing Columbus in the National Neighborhood Indicators Partnership.</p> <p>Engage in a partnership with at least one new private sector entity.</p> <p>Develop (#) best-practice case studies on how data can be used to make better policy decisions.</p>  |
| <p><b>Goal 2</b></p>   | <p>MORPC will support and provide opportunities for data <b>CAPACITY BUILDING &amp; EDUCATION</b> that increase both the human and technological capabilities of the Region.</p>  | <p>Develop different tracks and curricula for different audiences (basic data literacy, effective data storytelling, etc.).</p> <p>Identify community partners and funders to ensure broad access and participation.</p> <p>Hold one MORPC Data Academy.</p> <p>MORPC staff to sponsor a use case or serve as a judge for at least one hackathon.</p> <p>Organize a hackathon or mapathon event with a focus on local government and issues of regional significance.</p> <p>Build funding support and partnerships for a one-day, data-focused event.</p> <p>Host a regional Data Day.</p> <p>Demonstrate the value of regional data through a series of blog posts or news stories analyzing important regional trends.</p> <p>Host in-person and virtual events to highlight available data resources and enhance data literacy.</p> <p>Develop templates and best practices for local governments to improve communications using data.</p> <p>Capitalize on MORPC's existing communications channels to increase messaging about data resources and practices.</p> <p>Review MORPC's digital and print materials to ensure they demonstrate good data communications practices.</p> |

| GOAL  | OBJECTIVE  | ACTION ITEM/INDICATOR  |
|---|--|--|
| 2.5   | Encourage the construction of digital infrastructure through existing and new funding sources.   | Develop a Regional Smart Streets Policy to ensure digital infrastructure is incorporated into projects using MORPC attributable funding.<br>Develop a Smart Region Playbook that identifies how "smart region" policies, including digital infrastructure, will be incorporated into MORPC projects and committees.<br>Develop a Smart Region Resource Guide that provides local governments with guidance on building digital infrastructure through best-practices, policies, and funding opportunities.<br>Pursue and support local government efforts to secure state and federal funding to build digital infrastructure, particularly in unserved and underserved areas. |
| 2.6   | Pursue projects and initiatives that keep Central Ohio at the forefront of data and technology innovation.   | Serve in a leadership role on the Smart Columbus initiative (specifically development of the Smart Columbus Operating System), representing local governments and regional data users.<br>Pursue one new project per year that advances MORPC's data analytics or technological capacity.  |
| <b>Goal 3 MORPC will promote good data GOVERNANCE &amp; PRACTICES that protect local governments and their citizens, and adapt to the evolving data and technology landscape.</b> |  |  |
| 3.1   | Encourage the adoption of good data policies by member communities.  | Conduct an audit of MORPC's current data governance policies.<br>Implement new comprehensive data governance policies for MORPC to serve as a model for local governments.<br>Compile best practices for data governance.  |
| 3.2   | Partner with the Regional Policy Roundtable to advocate for strong, open, and inclusive data policies and funding at the federal and state levels. | Publish a data governance, management, and security toolkit for local governments.<br>Continue to monitor federal and state legislation for data-related public policies.<br>When appropriate, provide testimony or other input to legislators to further the goals set forth in the Regional Data Agenda.   |
| 3.3   | Track and develop guidance on emerging data policy issues.   | Maintain a list of emerging data issues that are important to local governments (e.g., revenue generation from data, incorporating blockchain into local government, etc.).<br>Solicit expert guidance to ensure RDAC members are up-to-date on emerging issues.<br>Publish briefings/fact sheets on emerging issues for MORPC members.  |
| 3.4   | Promote standardization of data across local governments in Central Ohio.  | Develop and encourage adoption of standard schemas for common datasets that are collected by local governments across the region.  |
| <b>Goal 4 MORPC will continually innovate in its role as a data creator, user, and provider through ongoing DATA PROCUREMENT AND DEVELOPMENT.</b>                                 |  |  |
| 4.1   | Inventory and structure MORPC's data resources to improve usability, eliminate redundancy, and enhance coordination with other data providers.     | Create a comprehensive inventory of datasets that MORPC maintains.<br>Develop a new internal data structure that makes data more discoverable and accessible to MORPC staff and easier to share with external users.   |
| 4.2   | Identify priority data discovery areas – new datasets that are important to MORPC's work and to the region.  | Regularly (annually?) survey local governments and other partners to identify new data needs.<br>Maintain a list of data discovery topics of regional importance.<br>Prioritize the data discovery list and pursue new datasets.   |

**GOAL**                      **OBJECTIVE**                      **ACTION ITEM/INDICATOR**

|  |   |
|--|---|
| <p>4.3 Create and maintain regional datasets that are populated by local governments.</p>                | <p>Expand the regional mapping datasets that MORPC currently maintains (address points, centerlines, bikeways, sidewalks) by adding new community editors.<br/>Create one new regional mapping dataset.</p>             |
| <p>4.4 Increase the amount, diversity, and efficiency of MORPC's data collection through automation.</p> | <p>Partner with local governments to automate the collection of building permit data.<br/>Develop scripting to automate the collection of Census data.<br/>Pilot one project to begin collecting unstructured data.</p> |

**Goal 5 MORPC will serve as a model for DATA ACCESS, INCLUSIVITY, & EQUITY, ensuring the benefits and opportunities data can create are extended to all Central Ohio residents. (This goal will have its own objectives, but also spans Goals 1-4, ensuring that access, inclusivity, & equity are ubiquitous in those goals as well.)**

|   |  |
|---|--|
| <p>5.1 Promote broadband access for all Central Ohio residents.</p>   | <p>Establish Central Ohio as the first region in the country recognized as a Digital Inclusion Trailblazer by the National Digital Inclusion Alliance.<br/>Improve mapping of broadband coverage across the Central Ohio region.<br/>Support projects and funding that bring broadband to unserved and underserved areas (especially rural and low-income urban areas).</p>  |
| <p>5.2 Track data related to MORPC's agency-wide diversity and inclusion efforts.</p>   | <p><i>Action Items for this objective to come from MORPC's internal and community diversity &amp; inclusion working groups.</i></p>  |
| <p>5.3 Develop tools and services that enhance the ability of users with varying skill levels to access and benefit from data about Central Ohio.</p> | <p>Expand on user experience research and user acceptance testing to improve understanding of our audiences' needs and capabilities.<br/>Research best practices on making data resources accessible to audiences with low data literacy.<br/>Ensure all MORPC data resources follow state of the practice standards for developing accessible technology.<br/>Create community partnerships to provide free/reduced cost data and mapping services to underserved populations.<br/>Utilize MORPC's data resources to understand and address social equity issues in Central Ohio (e.g., income disparity, housing affordability, etc.).</p> |

# Notes from Central Ohio GIS User Group – May 9th 2018

## Introductions - 32 attendees

Question asked at intro was – What do you find the most challenging part of your job? I thought the only answer would be data maintenance ☺ but got a long list of different answers. You can read them at the end of these notes.

## OGRIP Updates

All 2017 imagery has been delivered

Last meeting - Presentation by Stantec on “Senate Bill 2 – Water Asset Management- What Organizations need to do and how GIS can assist”

Next meeting is Monday, June 25<sup>th</sup> Presenter - Google

## Subgroup Breakouts - LBRS, LUCA, ArcPro, Data

### LBRS Subgroup

- ODOT rep, Erin Westfall talked about their LBRS project with DDTI. This project is only looking at the centerline files. Not much new to report. Still working on pilot counties. Issues with Roads and Highways and legacy data.
- They are working on a website that will be publicized soon to share project progress. <http://www.dot.state.oh.us/lbrs/Pages/default.aspx>
- There is concern from locals on what ODOT will do with their county data and how those changes will and should get back to the local data and that this process is repeatable for updates.
- Columbus hired a consultant to clean up address ranges on the Franklin Co centerline file. They should be done in the next month. This is just within City of Columbus. Other editors should be cleaning their portions of the data.
- Franklin replica editors mentioned speed issues when editing. An option to fix this is to recreate their replica with just the jurisdiction they use, if possible.
- Structure Type field still a work in progress. Working to make this field more reliable.
- Status field was discussed as to how Franklin County deals with retired or demolished addresses. Franklin Co has added some fields onto core LBRS fields to help make the files more useful.
- FCEO talked about using centerlines to identify road maintenance jurisdiction versus left and right address jurisdiction. It is complicated. For Franklin we have changed some field definitions to help with this. I am going to follow up with Ben to see if there is a way he can get what he needs straight out of LBRS.
- FYI – Columbus has a very detailed Points of interest file you can get from their Open Data.

### LUCA Subgroup

- The people in the group are using the Census GUPS software. It feels like “cheating” on ArcMap ☺ and is slow, even for the smaller counties, but make the final submission process easier. Interesting note is the software has a 6 month automatic deadline once you open it. Delaware and Pickaway County are both using GUPS so I am sure if you have any questions, Rob and Jason would be happy to share their experience. I do know



### Presentation

- “The Little County That Could” ArcGIS Online and Parcel Maps – Jason Gillow, Pickaway County
- Jason gave a very informative presentation on how he uses AGOL to manage data and services for a variety of web maps, which includes parcels. If you missed it, you may be able to catch the presentation at Ohio GIS in September.

### Next Meeting

- Schedule for Wednesday August 17, 2018.
- If you would like to share a tip or trick, spotlight a project you are working on or suggest something for the agenda, please let me know.

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### Question: Most challenge part of your job?

- Data maintenance
- Merging data with different schemas and varying levels of attributes
- Data conversion
- Processing data from various sources
- Knowing big picture of project or request
- Trusting the data
- Integrating with other departments
- Cooperation from non-GIS staff
- Moving data between platforms
- Address verification
- Old data
- Imagery analysis
- Data creation/integration
- Motivating staff and keeping up with work load
- Big data/python
- Pedestrian related construction
- Prioritization/Organization
- Submitting data to Feds
- Communication w other departments to get non-GIS data or other info
- Working w different groups
- Data creation/maintenance
- Figuring out what clients want
- Keeping GIS systems up and alive
- Keeping up with technology
- Guiding staff into enterprise GIS
- Streamline/Automating data clean-up
- Load balancing
- Learning new software (ArcPro)
- Working with Engineers and Agile processing
- Getting everything done