Projects for LIO Staff

Fly Dane 2022
- RFP and contract negotiation for the 2022 project
- Partnership coordination for potential 3-inch imagery in urban area
- Potential contract amendment for municipal upgrades
- Project management
- Create raster mosaic dataset and related services for new imagery

Addressing Project
- P&D – Zoning Division, managing rural address points using maintenance tools
- Develop maintenance process of city and village address points
- Continue to explore and test online and desktop methods for municipalities to maintenance address points
- Potential integrate City of Madison address points into countywide dataset
- Work with WI DMA on a Gap Analysis to include this data into a statewide dataset
- Advocate for the state to adopt statewide data model passed by the WLIA
- Pursue neighboring county address point data for 911
- Deploy WLIA Addressing standard to production publication
- Re-create locators to new address point model

Street Centerline Project
- Update street centerline using 2020 imagery
- Pursue neighboring county street centerline data for 911
- Work with WI DMA on a Gap Analysis to include this data into a statewide dataset
- Advocate for the state to adopt statewide data model passed by the WLIA
- Deploy WLIA centerline standard to production publication
- Re-create locators to new address point model

Building Footprint Project
- Update building footprints using 2020 imagery

Streaming Services
- Continued support for Municipal requests to provide Arc services to stream parcels and other data
- Connected to third party applications that could use service instead of making monthly data requests
- Migration to web based cache services

Land & Water Resources
- Support of base Land Conservation Management System
- Support of Project/Practice tracking
- Development of additional modules for Land Conservation Management System
- Continued support of ArcGIS online application development
- Update Soils data
- Transition Public Lands data management to LWRD

Emergency Management
- Geolocation for Reverse 911 systems
- Research into additional/replacement datasets for Reverse 911 System
- Damage Assessment Application for field entry on mobile devices

Planning & Development
- Continued support for AccessDane municipal support
- Continued Data development for Districts maintenance
- Further deployment of new re-monument parcels
- Automation of LaserFiche data updates for Surveyors Office
- Develop process to allow parcel mappers to add street centerlines for new plats
- Continue to explore and test online and desktop methods for municipalities to maintain address points that can feed into tax system address updates

Zoning
- Work with municipal consultants to provide municipal zoning
- Refine rural zoning maintenance model
- Research online functionality to allow municipalities maintain data
- Integrate zoning for towns that have opted out of County Zoning

Sheriff
- Spillman Geo-Validation support
- Migration to 10.6.1 locators and software

Highways
- Application and data Development
  o CarteGraph Systems replacement/upgrade
  o Highway Access Permitting
- Support of external editing for ArcGIS online and Culvert/Bridge management systems for WI DOT

LIO Website
- Update the LIO website to reflect changes in projects

State
- Provide WLIP annual tax parcel data to the state
- Provide LTSB bi-annual submittal of ward boundary data to the state
- Apply for WLIP Strategic Initiative Grant funding
- WLIP grant and retained earnings report to the state
- Participate in NG911 Task Force that is supporting WI DMA and NG911 Gap Analysis

Federal
- Provide final round of updates to US Census for local boundary updates in preparation of 2021 redistricting efforts.

Application Development
- Update the ZLR Viewer
- Update the Zoning Viewer
- Maintain Open Data site
- Update District Compare Viewer
- Add road closures to the Highway Mapping application
- Update and maintain supervisor story map
- Create mobile road closure application
- Upgrade DCView to ArcGIS Pro
- Create Survey123 application for validating addresses.
- Update DCiMap
- Update Land and Water Resources Viewer
- Update Planning Viewer
- Update Surveyors Office
- Create Dane County mobile apps
- Create application for municipalities to update their zoning
- Create Historical Viewer
- Create School Locator application
- Update Assessors Viewer
- Update Municipal Viewer
- Web application to update addresses
- Update desktop DCView application
- Create an application to validate addresses in the field.
- Support application for public users to submit their redistricting ideas to planning department
- Create a drainage district comparison application for the Planning department

Data Management
- County Clerk – Ward boundary review and updates
- Create an inventory list of all applications, web maps, map services, mxd's, and data
- Migrate to Python 3.7

Software and Server
- Research possible Deployment of ArcMap 10.6 in Citrix integrated into Windows 10 deployment for departments.
- Deployment and support of ArcGIS Portal 10.6.1
- Migration to Active Directory based security model for internal deployment
- Deployment of ArcGIS Pro on Workstations
- Research Limited deployment of ArcGIS Pro in Citrix
- Data Support for State mandates
- Public Communications: Support migration to upgraded TriTech system with ArcGIS Server
- ArcGIS online support for data editing environment for Zoning and Address development

2021 Assumptions

1) ROD Revenues
   a. 2020 Budget - Used 80,000 documents
   b. 2021 Projection – Used 80,000 documents (Per Kristi)

2) Land Record System Grant
   a. Education Grant ($1,000)
   b. Amount is unchanged

3) Strategic Initiative Grant (SIG)
   a. Total SIG for 2021 is $40,000

4) Fly Dane – 2022
   a. Included in 2021 budget to begin contract process - $100,000
   b. Amounts to be carried forward into 2022
   c. Funding - $40,000 Strategic Initiative Grant - $60,000 LIO Fund Balance

5) Data Sales Reduction
   a. Due to open records requirement this line is being reduced to reflect only the Access Dane Subscriptions @ $750 per quarter

6) Conference & Training
   a. Funding for 2 attendees due to rapid changes in GIS & ESRI development
      i. Tim / Fred every other year
      ii. Dave – Development Summit Every Other Year

7) ESRI Maintenance
   a. Funding for Planning Floodplain Project's annual license maintenance

8) Geographic Information System - $5,000
   a. Address Data Workflow contracting with IM Staff – Internal

9) LIO Fund Balance
   a. 2019 Fund Balance grew due to ROD fees being higher than budgeted
   b. 2020 Fund Balance grew due to Fly Dane Carry over
   c. 2021 Reduce Fund Balance by 2022 Fly Dane – No need to borrow
   d. Brings fund balance to approximately $724,500
      i. LIC recommendations is to have amount equal to Personal Services ($513,000)