

Department: MIS

Department Issues/Concerns:

- As we continue to expand the use of technology our resources tend to get stretched very thin. This is not just major projects, this includes smaller departmental applications, or just day to day issues.
- Ensure that as we select projects we have the resources to successfully implement, maintain and efficiently use the finished product.

New Responsibilities/How Handled:

- Supporting new systems and databases. Short straw. Have to find a way to get the issues resolved, sometimes that means other things that longer.

2004 Completed/Initiated project(s):

- Asset Management – Assisting DPS/Eng
 - ✓ Used to track the maintenance of our infrastructure.
 - ✓ Help plan for future repair and replacement
 - ✓ Allows us to be proactive instead of reactive
- Implemented new remote access for City Council. This may be improved with network upgrade in 2005.
- Completed technology improvements to the auditorium
- Working with Clerk's Office to complete implementation of Legistar
- Functional improvements and reporting needs for JDE Financial Software
- Began redesign of website

2005 Projects/Status/Completion Date:

- Asset Management – Assisting DPS/Eng
- Convert road centerline segments to road centerline routes. Started the creation of event tables to store road attribute data. Approximately 30 different event tables identified at this time to be created under our supervision.

- Create Metadata procedures and conduct training for other departments.
- Migrate most existing GIS data to the SQL Server database.
- Customize ArcIMS for intranet use and start looking at Internet use of GIS.
 - Internal use at first and then potentially move out for public to use.
 - Anticipated that this will allow us to decrease the number of Arc... licenses we will need in the future
- Update Zoning map.
- Provide GIS support to the Assessing Department for digital sketching.
- Completed redesign and new functionality of website.
- Large format document storage and retrieval system.
- Network Upgrade Project. Originally scheduled for 2004
- Computer Hardware Upgrade Project.
- Building Permit Equalizer System Upgrade.
- Pictometry Implementation

2006 Projects:

- Assisting DPS/Eng to implement Asset Management Software and procedures.
- Balance of road centerline event tables to be completed.
- Complete the data migration to SQL Server.
- Complete Internet GIS applications.
- Create and test procedure and train and give assistance to another department to update the building footprints on GIS.
- Assist Clerk's Office with Citywide Document Management System project.
- JDE System Hardware/Software Upgrade – Originally scheduled for 2004

- What other departments request during the budget process

What City Council Objectives can you INITIATE and LEAD in the implementation without additional resources?

- City website – Enhance Communications with Residents
 - Improved communications with the outside world
 - Departments taking ownership and continuing to keep updated and new content
 - Improved ability to track sites people are visiting and just as important, what they are looking for but can't find
 - ADA compliant – through the use of voice browsers
 - Polling feature
 - Improved calendar
- Asset Management – Enhance/Maintain Infrastructure
 - Ability to track maintenance on our infrastructure
 - Proactive on maintenance instead of reactive
- Our computer replacement program – Efficient Government
 - By replacing our infrastructure on a timely basis has help us to maintain
 - Since we have delayed the replacement and redesign of our network we have had more server lockups, memory and storage capacity issues that have taken us away from the other tasks we are working on.
- GIS - Efficient Government
 - We share data with Oakland County
 - We convert and incorporate some of their data into our systems and they do the same
 - Our GIS system access data on Oakland Counties site in real time
 - We work with the Rochester Community Schools to develop walking and bus routes.