



City of Grand Island

Tuesday, June 17, 2003

Study Session

Item -6

Discussion Concerning GIS Computer Systems Technician

The Public Works Department has considered dedicating an individual full time to GIS work for the last few years. In the past, consultants have been hired to perform most of the maintenance and updating support of the GIS. The City computer network also continues to grow. As these systems grow, we feel base support should be performed by City staff. Public Works Director Steve Riehle, Finance Director Dave Springer and Information Technology Manager Carl Hurd will discuss the need for the position and discuss the budgetary impact.

Staff Contact: Steve Riehle and Dave Springer

GIS / Computer Technician

- What is GIS
- Cooperative Venture
- Public in 1999
- Mapsifter as a Tool
- Staff Dedicated to GIS
- Future of GIS

What is GIS? (Geographic Information System)

GIS links the Map (Geographic)
to the Data (Information System)

- Maps are used for
 - Analysis
 - Decision making
 - Telling a Story
- Lots of data available
 - Infrastructure
 - Population
 - Traffic
 - Much, much more

Cooperative Venture

Many partners

- Hall County Public Works
 - Hall County GIS
 - Hall County Assessor
 - Hall County Register of Deeds
 - Regional Planning Department
 - Grand Island Utilities
 - Grand Island Public Works
 - Grand Island Fire and Police Departments
 - Grand Island Public Schools
- And the list is growing....

Went Public in 1999

- Mapsifter
 - Ask a Question, get an answer
 - Very easy to use
 - Makes information much more accessible
- Has lots of users
 - Realtors
 - Title Companies
 - Financial Institutions
 - Consultants
 - Many others

Mapsifter

- Tool that makes information available
 - After Hours
 - Outside City Hall
 - Outside County Buildings
- Keeping it accessible is important for viability as an everyday tool

Staff dedicated to Maintaining and Updating GIS

- Full Time GIS Employees
 - Grand Island Utilities Department
 - Hall County GIS Department
- Departments w/ Considerable time devoted to GIS
 - Hall County Assessor
 - Hall County Register of Deeds
 - Regional Planning Department
 - Wastewater Treatment Plant

Our GIS Future

- Increase use as a decision making tool
- Continue to lead in use of GIS
- Grow our GIS to the next Level
 - Implement ARC Publisher
 - Develop ARC IMS

GIS Projects we'd like to do

- Prepare Sidewalk Comprehensive Plan
- Prepare Plan to pave Gravel Streets
- Perform Traffic Accident Analysis
- Disaster Preparedness
- NPDES Stormwater Phase II Implementation
- Annexation & Infrastructure Growth Planning
- Projects for GIFD, GIPD, Parks & Rec, and others

Information Technology

- The Network continues to Grow
 - Support needed for remote locations
 - Base Support for our Network should be provided in-house
 - Outside services should supplement City IT Staff
- A GIS Contact is needed in IT

Budget Impact

- FY 2003-2004 Public Works GIS Budget projected at \$50,000
- Public Works GIS Budget can be reduced to \$20,000 with GIS / Computer Technician
- The \$30,000 savings pays for Public Works share of GIS/Computer Tech

Summary

- GIS / Computer Technician
 - Split 50/50 between Public Works & IT
- Proposed Salary Range would be average of Utilities GIS Technician and Computer Technician in IT
 - \$1332.00 – \$1873.60 Utilities GIS Tech
 - \$ 965.60-\$1358.40 Computer Tech