

**LODI CITY COUNCIL
SHIRTSLEEVE SESSION
CARNEGIE FORUM, 305 WEST PINE STREET
TUESDAY, AUGUST 28, 2012**

A. Roll Call by City Clerk

An Informal Informational Meeting ("Shirtsleeve" Session) of the Lodi City Council was held Tuesday, August 28, 2012, commencing at 7:00 a.m.

Present: Council Member Hansen, Council Member Johnson, Council Member Katzakian, and Mayor Pro Tempore Nakanishi

Absent: Mayor Mounce

Also Present: City Manager Bartlam, City Attorney Schwabauer, and City Clerk Johl

B. Topic(s)

B-1 Receive Information on the City of Lodi Geographical Information System (PW)

City Manager Bartlam provided a brief introduction to the subject matter of the Geographical Information System (GIS).

Deputy Public Works Director Charlie Swimley provided a PowerPoint presentation regarding the GIS project. Specific topics of discussion included an overview of what is GIS, GIS requirements, various uses of GIS, Lodi's GIS and viewers, committee workings, future projects, and next steps. Steve Gay, representing Interwest Consulting Group, also provided a visual demonstration of the GIS viewer.

In response to Council Member Johnson, Mr. Swimley stated the publicly accessible version of GIS will vary slightly from the staff version.

In response to Mayor Pro Tempore Nakanishi, Mr. Bartlam confirmed that many cities utilize GIS for a variety of purposes, there is a filter to protect owner information although it is public record with a few exceptions, and the public can use the system for real estate information including location, size, and zoning. Mr. Gay stated Interwest has also worked with larger municipalities such as Sacramento County and Elk Grove and data is updated on a regular basis. Mr. Bartlam confirmed that the cost of the system is approximately \$150,000 over three years and the maintenance is included in staff time.

In response to Council Member Katzakian, Mr. Gay stated there will be a GIS access link on the City's website through "View City Maps."

In response to Council Member Johnson, Mr. Bartlam stated the City Council policy traditionally has been to not broadcast property owner information although it is public information, with very few exceptions for judges and police officers, and the policy could be reconsidered if desired.

In response to Council Member Hansen, Mr. Bartlam provided an overview of the possible uses of GIS for various departments and confirmed that the on line complaint process does go to a central location and is then disseminated to the relevant department.

In response to Mayor Pro Tempore Nakanishi, Mr. Swimley stated he does not know how many hits GIS receives internally and externally or who the hits are from as there is no tracking mechanism for that information. Mr. Bartlam stated the iWork program can be used for anonymous complaints as well and homeland security concerns are addressed with all City

facilities through restricted access to the facilities where necessary.

In response to Council Member Hansen, Mr. Swimley stated the filtered information on the public version may include property owner information and grades and elevations with utilities.

Mr. Swimley and Mr. Gay confirmed that the aerial photographs done by the City are approximately ten years old but the aerial photographs from a variety of other sources including Google are updated routinely and provide the same information.

In response to Council Member Johnson, Mr. Bartlam stated there is a turn-around computer station at the counter in the City Hall lobby but there is no stand-alone kiosk. Mr. Bartlam stated the GIS system has the ability to create an on line permitting process in the future, which will be more efficient for both the public and staff.

In response to Myrna Wetzal, Mr. Bartlam confirmed that the GIS system does not have an ability to identify a property as rental or owner-occupied at the current time.

C. Comments by Public on Non-Agenda Items

None.

D. Adjournment

No action was taken by the City Council. The meeting was adjourned at 7:55 a.m.

ATTEST:

Randi Johl
City Clerk



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Receive Information on the City of Lodi Geographical Information System (GIS)
MEETING DATE: August 28, 2012
PREPARED BY: Public Works Director

RECOMMENDED ACTION: Receive information on the City of Lodi Geographical Information System (GIS).

BACKGROUND INFORMATION: The City's GIS, originally developed in the mid-1990's, was built using a basic mapping software (also known as a database viewer) called Mapguide. Since, the City has made a significant investment in both manpower and software costs to create a very comprehensive and useful GIS system that is heavily used by City staff and members of the public to access information ranging from bus routes to zoning.

As the City's GIS system evolved, and the demand for more data increased, the Mapguide viewer became increasingly unreliable and needed replacement. On March 21, 2012, Council authorized the replacement of Mapguide with a more robust product made by Environmental Systems Research Institute, Inc. The installation of the new viewer was performed by Interwest Consulting Group and is currently operational.

Interwest Consulting Group will provide a presentation that includes information on the City's GIS and a demonstration of the City's upgraded viewer.

FISCAL IMPACT: Not applicable.

FUNDING AVAILABLE: Not applicable.

Handwritten signature of F. Wally Sandelin in black ink.

F. Wally Sandelin
Public Works Director

Prepared by Charles E. Swimley, Jr., City Engineer/Deputy Public Works Director

FWS/CES/pmf

APPROVED: _____

Handwritten signature of Konrad Bartlam in black ink.

Konrad Bartlam, City Manager

The City of Lodi
Public Works



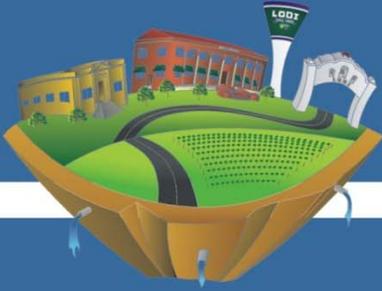
City of Lodi
Geographical Information System (GIS)

August 28, 2012



Overview

- What is GIS?
- Uses of GIS
- Overview of Lodi's GIS
- Viewer Demonstration
- Questions



What is GIS?

- Geographic Information Systems
 - Intelligent Maps
 - Location-Based Information
 - Visual Data Management
 - Uses are Evolving
- GIS Requirements
 - Data
 - Staff
 - Software
 - Hardware



Uses of GIS

**Asset
Management**

**Planning &
Analysis**

**Field
Mobility**

**Operational
Awareness**

**Constituent
Engagement**

A Complete Integrated System

Collect, Organize,
& Exchange Data



Transform Data
Into Actionable
Information



Get Information
Into and Out of
the Field



Disseminate
Information Where
and When It Is
Needed



Get Feedback and
Make Informed
Decisions





Lodi's GIS

- Initiated Mid-1990's
 - Mapguide Viewer
 - Land Use / Zoning
 - Asset Tracking
 - Internal / External Information
- Evolving Uses
 - Asset Management
 - Focused Operations
 - Software Integration
 - More Users
- Mapguide Capabilities Exceeded



Lodi's GIS

- Viewer Upgrade
 - Interwest Consulting Group
 - Design / Install / Configure
 - Data Migration
 - 120 Layers
 - Land Use / Zoning / Assets
 - Ownership / Operational Information
 - Internal Viewer
 - External Viewer





Viewer Demonstration

- Live Demonstration of New Viewer



Next Steps

- Maintain GIS Committee
- Future Needs Assessment
- Establish Funding Sources
- Coordinate Projects

- GIS Committee Priorities
 - ✓ Retire Mapguide
 - ✓ Upgrade Viewer / Migrate Data
 - Long-Term Strategy



Next Steps

- Examples of Future Projects
 - Demographic Analysis for Library
 - Floor Plan Information for Police and Fire
 - Integrate Building Permit System
 - Integrate CMMS Systems
 - Mobile Applications
 - Pole Line Surveys



Questions