desert conservation
PROGRAM
respect, protect and enjoy our desert!

GIS UPDATE

August 10, 2010

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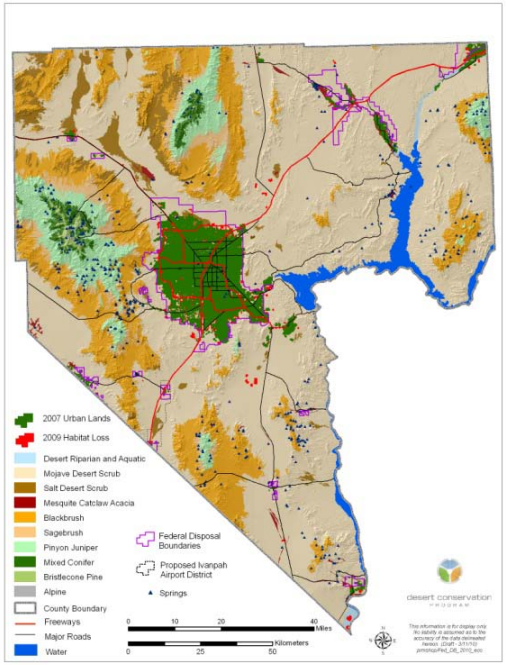
Presentation Overview

- Past Problems and Review of Project Data
- Status of Current GIS Data
- Current GIS Support and Applications
- Future GIS Applications
  - OpenWeb/Door Application



Past Problems and Review of Project Data

- Delivery of data from agencies and contractors greatly improved
  - Conforming to Data Management Plan Guidelines (Metadata/Projections/Attributes)
  - Projects now required to provide preliminary and annual data deliveries prior to final delivery
- Older datasets have gone through QA/QC and documented with metadata
- Remote Sensing data is large and difficult to organize

Status of Current GIS Data

- GIS integration into Geodatabases continues
- Data formats and contractor expertise varies and Remote Sensing is large and still difficult to organize
- Currently DCP data size is ~ 85gb
  - ~40gb of project data
  - Remote sensing data
  - Ancillary and reference data
  - County data, permit amendment data, plots

Current GIS Support and Applications

- Provide support to:
  - Ongoing DCP requirements
    - AMP products
    - Project management
  - Permit amendment
  - New project development
    - Rare Plant Survey
    - Desert Tortoise Surveys
    - Internal analysis - Boulder City Conservation Easement
    - Property acquisitions review

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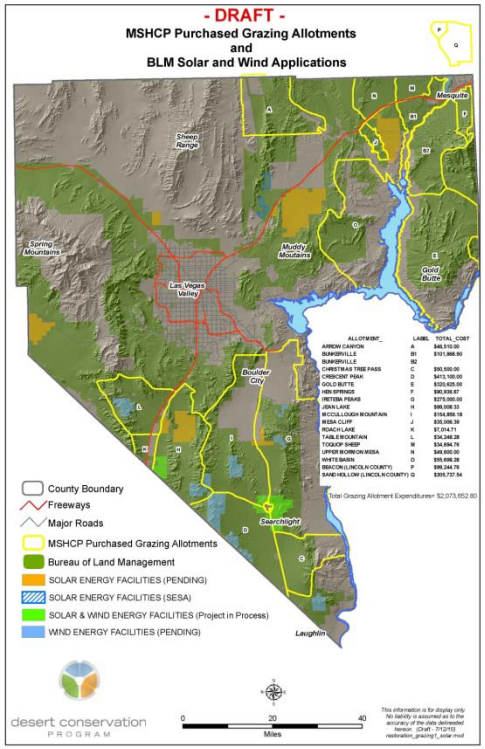
Current GIS Support and Applications

- QA/QC of all DCP project data
  - ~53 active projects
- Continue data exchange with public/agencies
- Review county/agency projects
  - Energy ROW/Solar-Wind
  - Land use updates



Future GIS Applications

- Continual QA/QC of project data and update habitat models
- Continual data coordination with Nevada Natural Heritage Program
- Develop reserve unit custom land management tools
  - Signage, road designations, law enforcement, land exchanges, surveys, etc.
- OpenWeb/Door Application for BCCE

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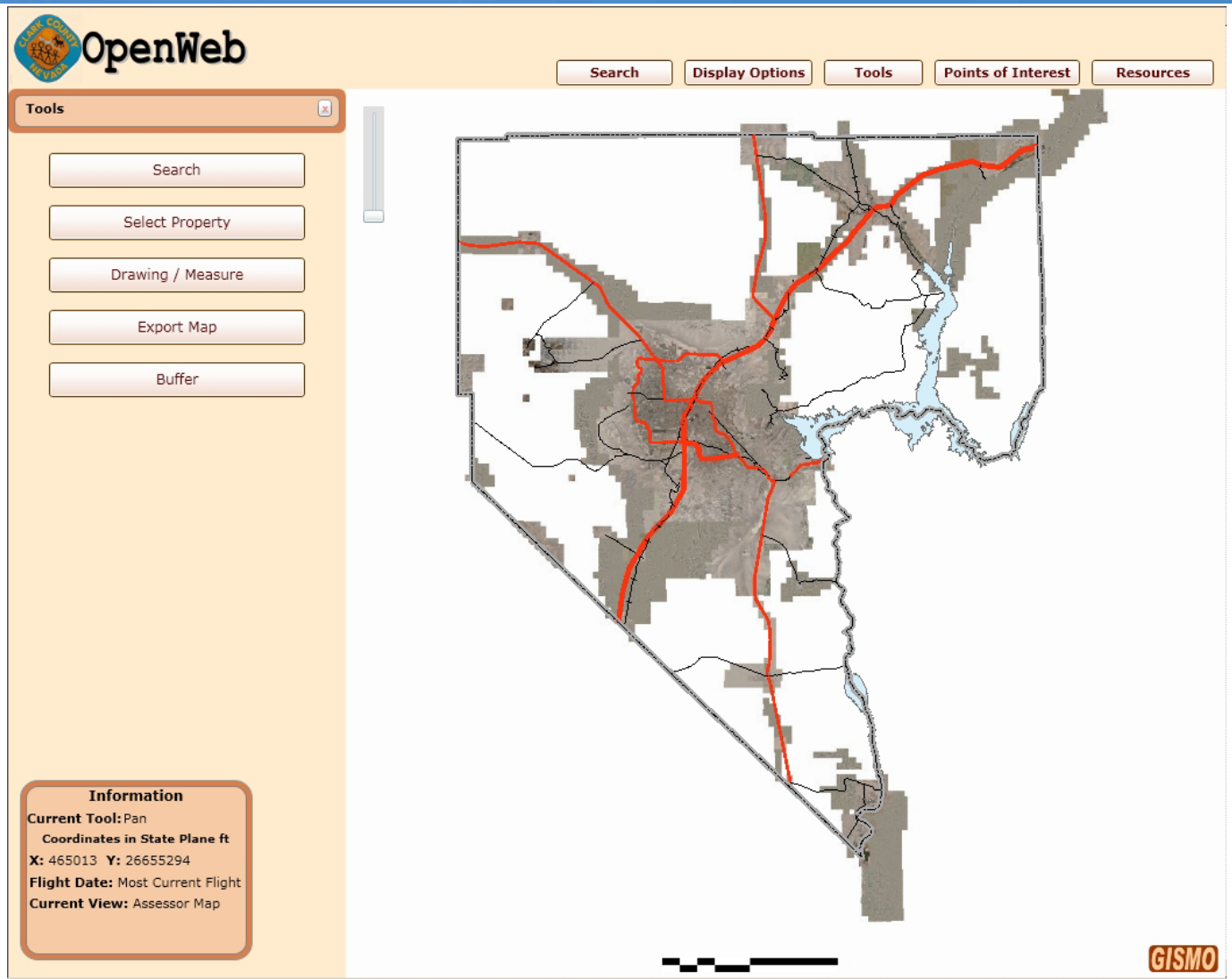
OpenWeb/Door Application



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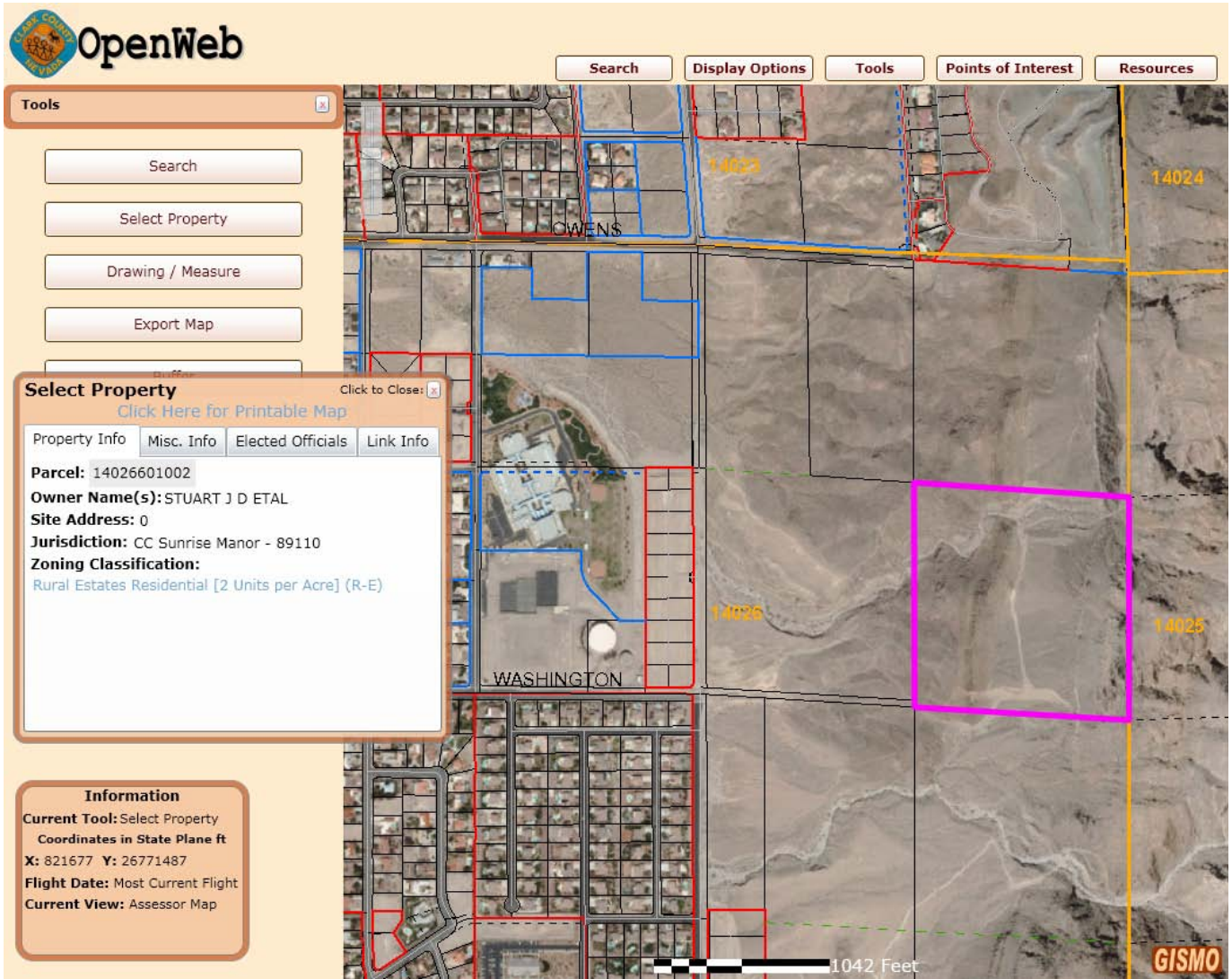
OpenWeb/Door Application



Current GIS Support and Applications

Questions?