GIS for Asset Management at Santa Clara County Parks

Seth Hiatt
Santa Clara County
Dept of Parks and Rec
Parks: 28
Buildings: 511
Restrooms: 83
Campsites: 320
Bridges: 161
Gates: 718
Culverts: 446
Gas Tanks: 47
Septic Tanks: 84
Signs: 7,412
Trees: 11,341

Acres: 52,157
Acquiring Asset Data
Sharing Data
Managing Assets on Paper and Desktops
Why an Asset Management System?

- How much does it cost to run a park?
- What needs repair or replacement? When? Where?
- Redistribute the workforce?
- Make task assignment easier
- Schedule and track work plans more easily
- Respond to crisis more readily
- Preserve institutional knowledge
Disconnected Access

iPhone
GIS Integration

Parks GIS Database

Parks GIS Web Service

GIS Update

Work Requests

Asset Management System

Parks GIS Team
Culvert 10038
Which one?
Where?

Cul10038
Latitude: 37.24013
Longitude 121.96892
Needs Maintenance
Next Steps?

Underground Utilities
Natural Resource Projects
  e.g. Monitoring Sites