

EXECUTIVE OFFICER SUMMARY REPORT  
**June 9, 2006**

- ITEM: **9**
- SUBJECT: **GIS Web-Based Parcel Inventory and Map**  
Presentation by Executive Officer and Mark Carpenter (KTU&A Planning and Landscape Architecture) on the GIS web-based, parcel inventory and mapping tool developed for the Conservancy. Information only, no Board action.  
*(Deborah Jayne, Mark Carpenter of KTU&A).*
- PURPOSE: Information item. This item is included to present to the Board the web-based parcel inventory and mapping tool developed for the Conservancy.
- DISCUSSION: In early summer of 2004, Board Member Jim Bartell arranged for him and me to meet with County Assessor Gregory Smith to request his assistance in obtaining parcel inventory information. In response to that request, Mr. Smith generously provided a GIS-based Parcel Inventory to the Conservancy at no cost. The Inventory consisted of the following components:
1. Aerial photography with all parcel boundaries;
  2. Maps with all parcel boundaries and water features;
  3. A set of Map Books for linking parcels with Assessor Parcel Identification Numbers (APNs);  
and
  4. Parcel Profile Database containing detailed information on each parcel by APN.
- I first presented this Parcel Inventory to the Governing Board on July 9, 2004 and subsequently had it on display for several Board meetings thereafter.
- While this information has been very useful over the past eighteen months and contained all the basic data needed, it is quite cumbersome and very time intensive to use. It is also very difficult to effectively present or transport. This is because

it is based on two sets of large paper maps and aerial photographs, and numerous large heavy Map Books. In addition, the parcel information is not easily updated.

As I have reported to the Governing Board on several occasions, I have been investigating how the Conservancy could obtain this information electronically and at little to no cost. Also needed is the capability to update all parcel information regularly and conveniently.

After researching various municipal and university resources, we have recently decided to contract with KTU&A Planning and Landscape Architecture to develop a GIS *web*-based Parcel Inventory and mapping tool for the San Diego River Watershed. In addition to making the parcel information much easier to access, update, present and transport, the mapping tool also shows a number of different GIS layers including terrain, roads, trails, water bodies, flood plains and jurisdictional boundaries, etc. Furthermore, the system is based on the watershed and reach maps that KTU&A previously developed for the Conservancy (for its Five Year Strategic and Infrastructure Plan), the parcel inventory system is cost effective, will be regularly maintained, and updated on a quarterly basis.

LEGAL CONCERNS: None.

FISCAL IMPACT: None.

SUPPORTING DOCUMENTS: 1. Will be distributed at Board meeting.

RECOMMENDATION: No Action.