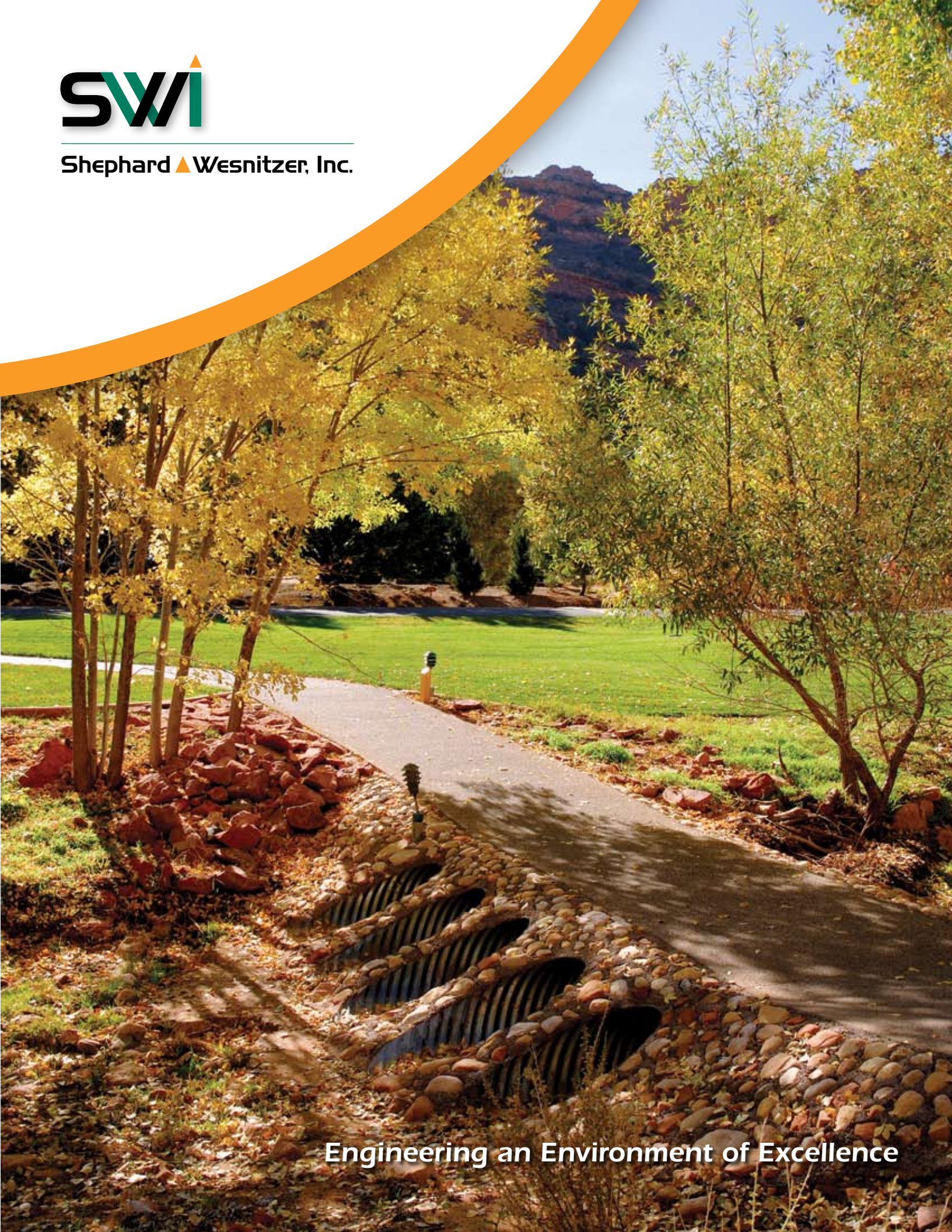




Shephard ▲ Wesnitzer, Inc.



Engineering an Environment of Excellence

Engineering an Environment of Excellence

SWI has an experience-based understanding of the issues facing developing communities in the Southwest. We have a proven track record of creating innovative solutions to meet complex project objectives. We work with you to take advantage of the unique natural features of each project site, with an emphasis on environmental preservation.

Our varied experience and strong community presence allows us to meet the challenges of the region, whether structural, environmental or political. The diverse projects highlighted here show the wide range and exceptional quality of our services.

We offer a complete range of services for municipalities and private developers

- Road & Bridge Design
- Subdivision Design
- Grading & Drainage
- Site Planning
- Wastewater Systems Design
- Water Storage & Distribution
- Traffic Impact Analysis
- Improvement Districts
- Structural Design & Analysis
- Building Condition Inspections
- Geographic Information Systems (GIS)
- Topographic Surveys
- ALTA/ACSM or Boundary Surveys
- Aerial Mapping Control
- Construction Staking
- Hydrographic Surveys



Ranch

In the design of this high-end subdivision, SWI subtly integrated the desired infrastructure into this historic Southwest natural environment.

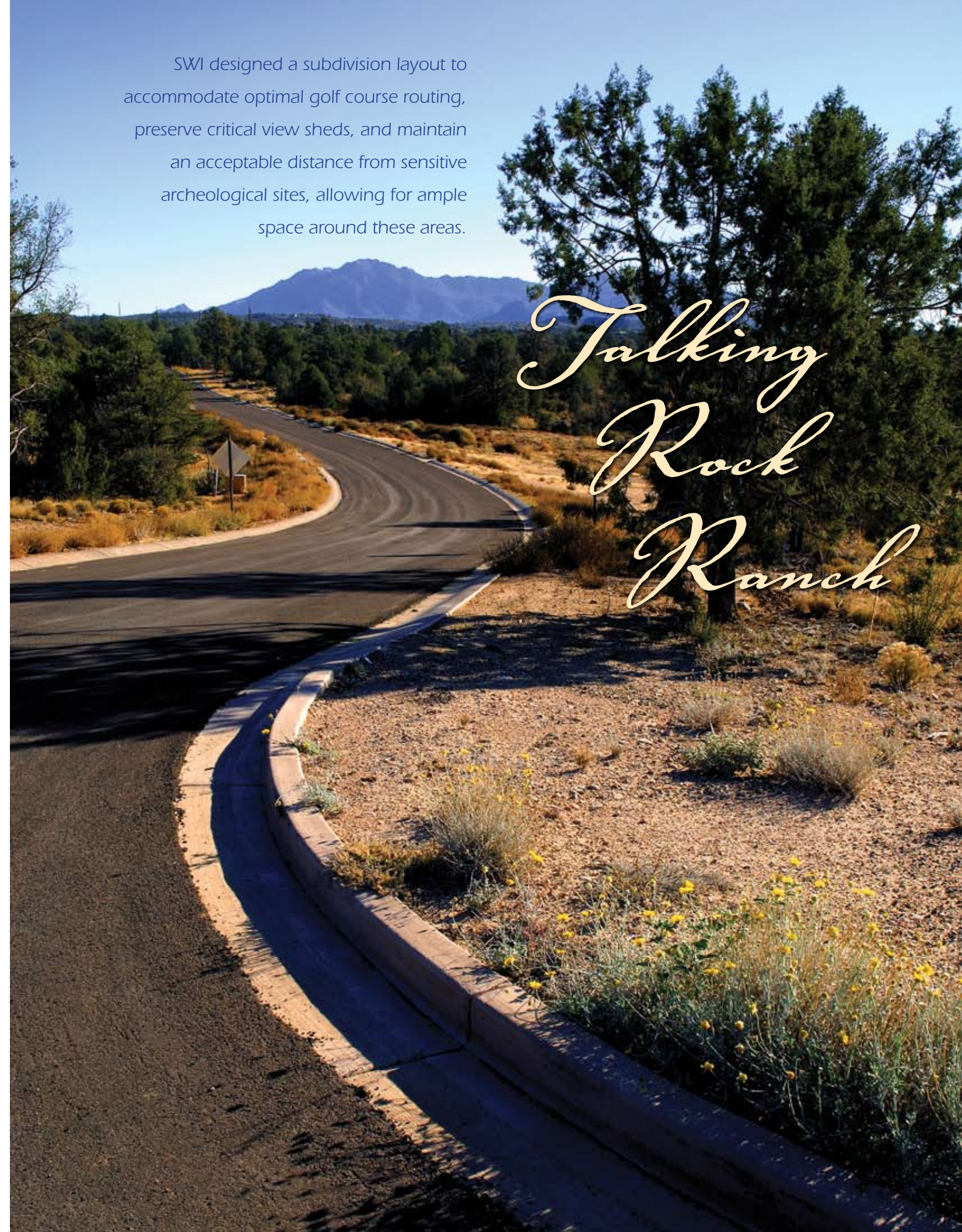




In this upscale residential subdivision, the primary challenge was to work with steep topography. SWI used significant retaining walls, making them as natural-looking as possible, and seamlessly integrating the civil infrastructure into the site. Roads were designed to hug the terrain while providing easy access to outstanding view lots.

Back O' Beyond

SWI designed a subdivision layout to accommodate optimal golf course routing, preserve critical view sheds, and maintain an acceptable distance from sensitive archeological sites, allowing for ample space around these areas.



*Talking
Rock
Ranch*



At this world-renowned resort, separate casitas and spa facilities were nestled into an existing dramatic natural setting.

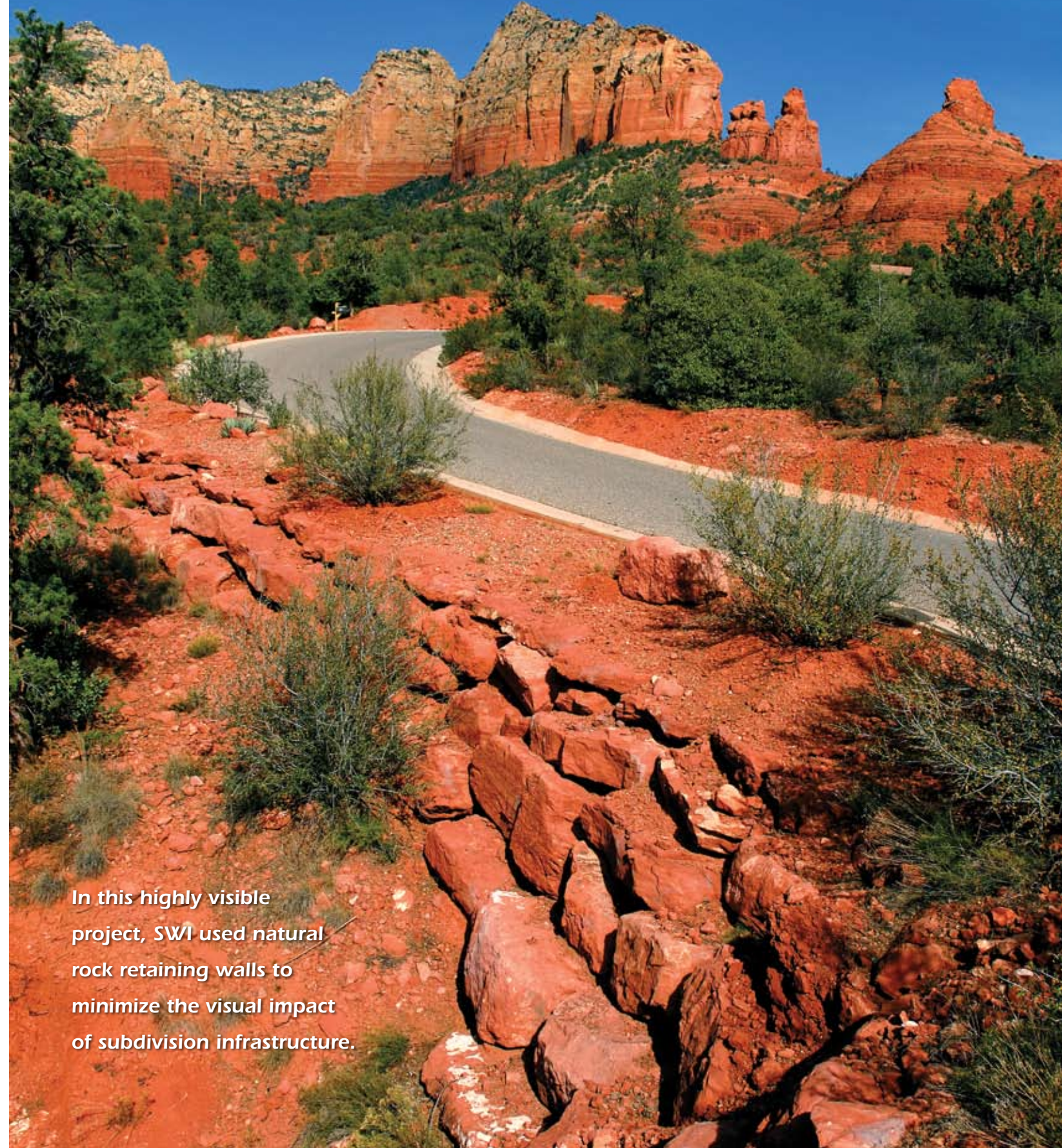
Enchantment Resort



Hillside Shops

In this prestigious retail center, SWI capitalized on steep topography to create a view of courtyard settings for most tenants, and maximized site density through extensive use of underground utility infrastructure.

Jordan Park



In this highly visible project, SWI used natural rock retaining walls to minimize the visual impact of subdivision infrastructure.



Yuma Wetlands

In collaboration with Fred Phillips Consulting, SWI restored a historic river channel meander to optimize habitat for native plant, bird and aquatic species. This project demonstrates SWI's unique ability to incorporate biological requirements and nuances into biddable civil engineering documents – bridging the gap between natural restoration and civil engineering.





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