

Crown Castle DAS *Case Study*

Paradise Valley, Arizona

February 1, 2012

Overview of Paradise Valley

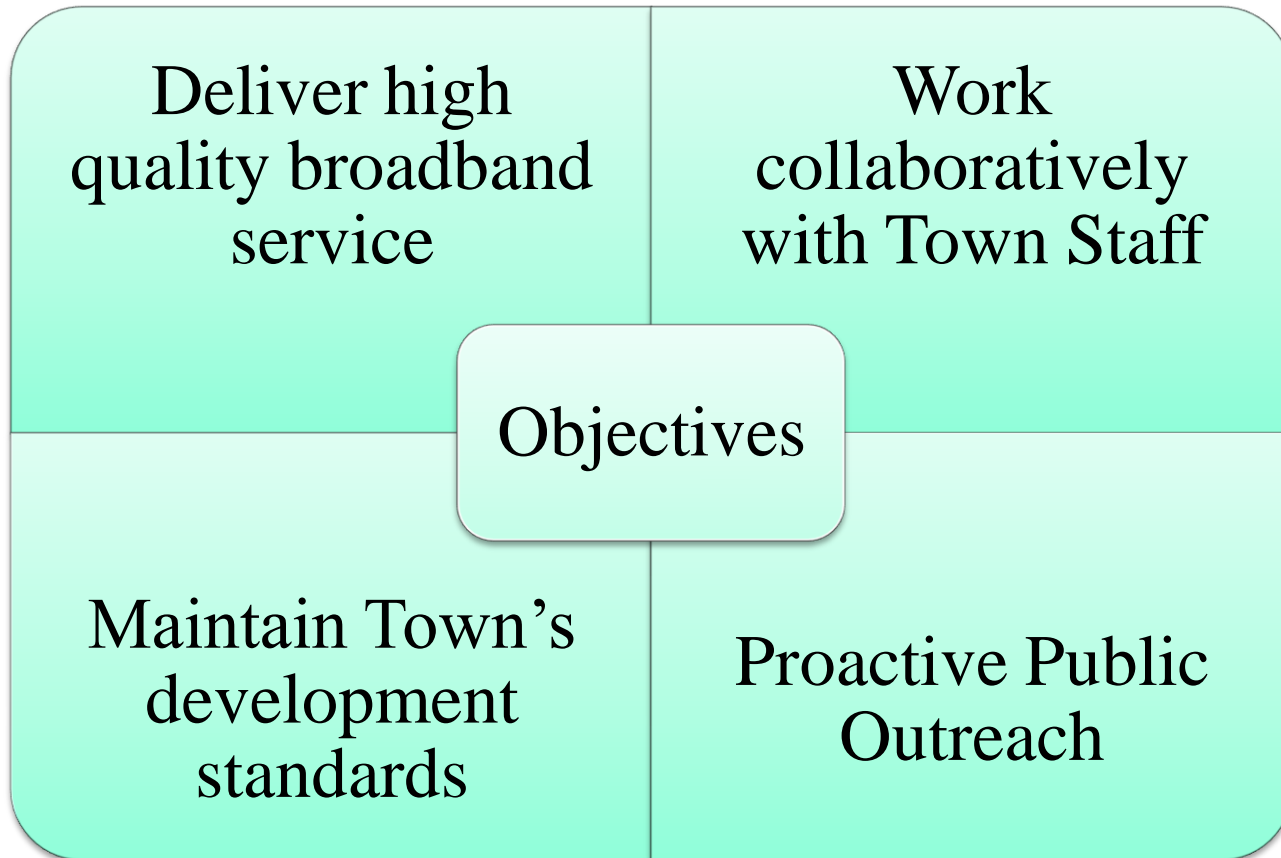
**Paradise Valley, Arizona is a premier, low density,
residential community**

Area Total • 16 sq mi

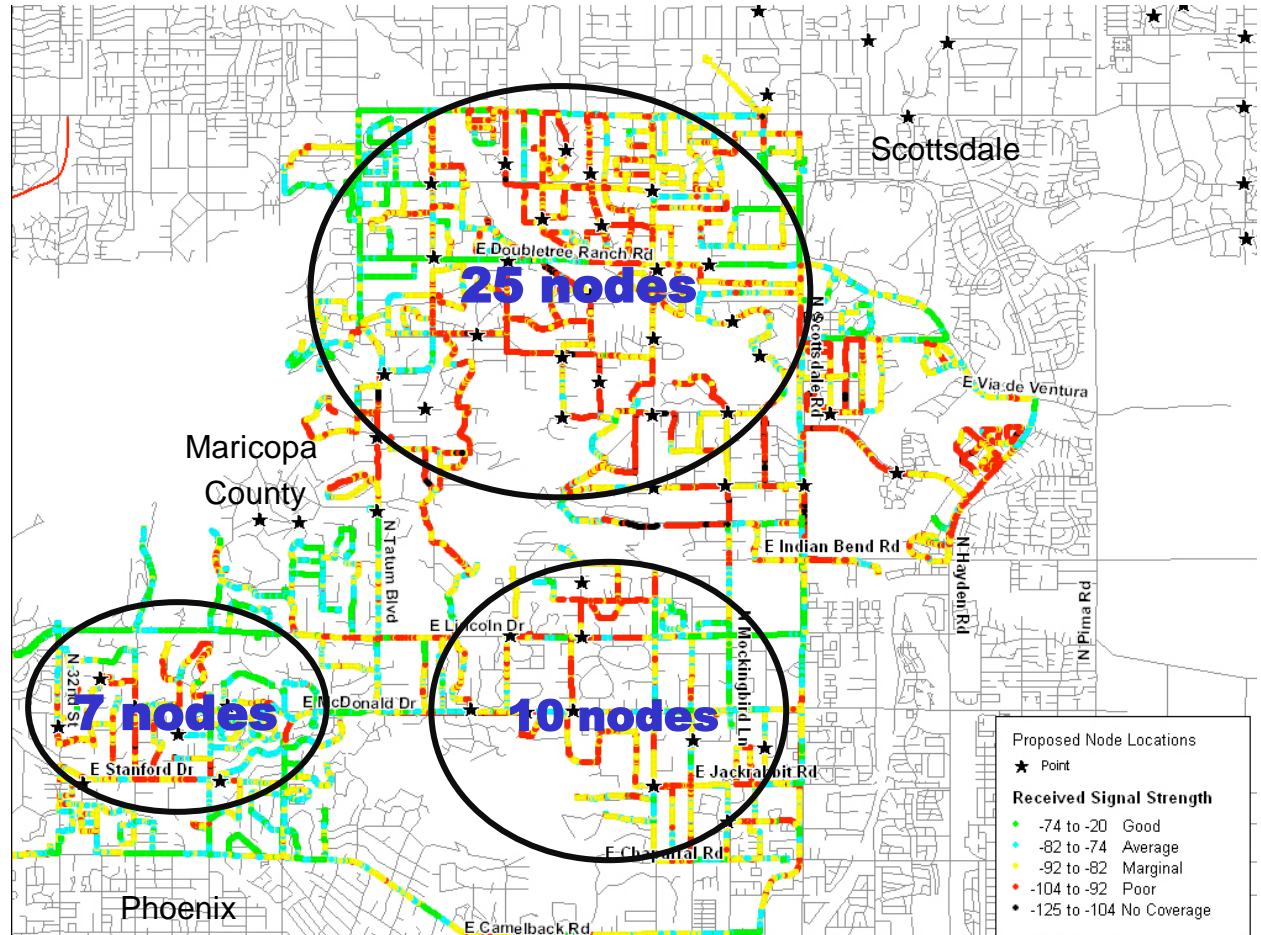
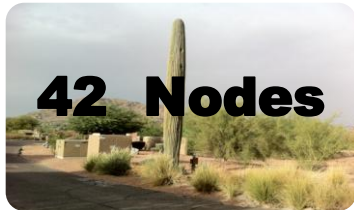
Population (2011) • Total 12,820

Housing Units • 5, 500

Objectives for Paradise Valley DAS



System Overview



Crown Castle's Design Solutions



Why DAS for Paradise Valley?

- The DAS brought enhanced wireless service to the community and preserved the Town's single-family residential character
- The DAS provided pinpointed coverage and solved difficult coverage gaps
- The architecture of DAS allowed a custom design that was appropriately scaled and allowed flexible siting options in the right-of-way



Typical Node Profile

*The chosen locations maximized the effectiveness of the DAS
and blended in with existing environment*



New Faux Cactus



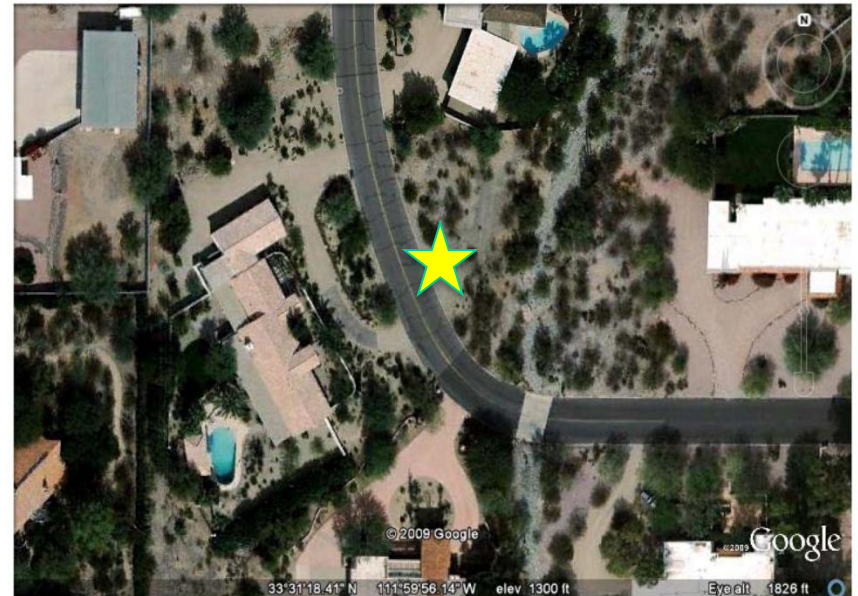
Aerial View

Typical Node Profile

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New Faux Cactus



NewPath Networks H329 Cactus Westside of Wash at E. San Miguel Ave. & N. 38th Pl.

Aerial View