



Broadband and Telecommunications Initiative

Town of Queen Creek

Background

- ◆ Town has been pursuing telecommunications improvements since 2002
- ◆ Finally completed an assessment in July 05 and reported to Council
- ◆ Formed an inter-departmental committee to act upon direction of Council

What are the Long Term Goals?

- ◆ Eventual edge to edge wireless coverage
- ◆ Wired solution (Fiber) connecting key areas of Town
- ◆ Completion of an ITS master plan
- ◆ Analysis of existing ordinances and implementation of suggested changes and additions

Why are We Looking at This?

- ◆ Wireless – alternative solution/density
- ◆ Wired – commercial/economic development and capacity
- ◆ ITS Master Plan - \$60 Million in 5 years = enhanced traffic services
- ◆ Code/Ordinances – fundamental to providing services across the board, looking at FTTP, etc. Right of Way ordinance high on our list

The Key is . . .

- ◆ All these projects are interrelated
- ◆ We are such a fast growing municipality, we are forced to evaluate all aspects of telecommunications simultaneously
- ◆ Management needs to think "IT" when talking "CIP"
- ◆ Great opportunity to try to do things right, learning from our older "siblings"

So What Have We Done Lately?

- ◆ Evaluate wireless solutions
 - Mesh solution
 - Hybrid solution
- ◆ Begun working on a RFQ with a twist
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Wireless Solutions on Our Own

- ◆ Looking at NeoReach
 - Currently in the evaluation phase
 - Just had them out to do an informal site survey
 - Some challenges, in the form of vertical access and density
 - We are a victim of our own success (density, blackout, etc.)
- ◆ Looking at alternatives
 - Such as a hybrid system

RFP

- ◆ Internal committee suggested that we combine the components of an RFQ and Design/Build
 - Selection will be qualification-based
 - Encourage vendors to “team up” to provide a complete package solution
 - Grading will be flexible and weighted accordingly
- ◆ We'll see how it works

Help and Goals

- ◆ Working with Municipal Solutions, as we are swamped with projects
- ◆ The goals for the remainder of the FY and FY 06-07 are:
 - Hire telecommunication “team” or individuals
 - Complete design documents for the respective projects
 - Propose and adopt modifications and additions to codes/ordinances
 - Establish 5 year CIP plan

Questions?

- ◆ Thanks!

