

Transportation – Bus and Bus Facilities



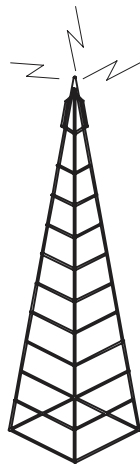
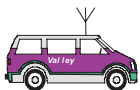
REGIONAL BUS COMMUNICATION SYSTEM

Subcommittee – Transportation – Housing Urban Development (HUD)
and Related Agencies

Request: Appropriate \$11,200,000 to fund a Regional Bus Communication System.

Community Value:

The city of Phoenix Public Transit Department (PTD) is the current provider of communication (voice and data) for Valley Metro Regional Transit. Due to the FCC mandate to narrow band UHF (421-512 MHz) frequencies by Dec. 31, 2013, PTD has requested to join the Regional Wireless Cooperative (RWC), formerly known as PRWN, to provide both voice and data communication between the transit vehicles and the control centers on a regionwide basis.



Background:

This project provides the improvements needed for PTD and the regional transit system to join the RWC, which consists of the city of Phoenix and various other jurisdictions, in order to have a shared radio network across the Valley. The city Information Technology Services (ITS) Department has a contract with Motorola for 700/800 MHz needs. PTD will use this contract to have Motorola create a conceptual design to provide voice communications for regional transit. The detail design will document the dedicated regional transit communications system utilizing 700 MHz channels that will be incorporated into the Regional Wireless Cooperative (RWC). The conceptual design will determine the best design to fit PTD and their regional partners' radio communications needs.

Motorola will review transit needs and hold discussions with agencies that are operating transit services within the Valley Metro region. Once the conceptual design is completed, a detailed cost will be developed based on additional equipment needs, additions or changes to the infrastructure, number of radios and the coverage area. This cost is what Regional Transit partners will be required to invest to implement the project.

The current status is that an Intergovernmental Agreement has been approved by PTD and the Regional Public Transportation Authority for the conceptual design. ITS requested City Council approval for Motorola to complete the conceptual design. Conceptual design will be completed by August 2009.

Contact: Debbie Cotton, Public Transit Director
602-495-0418, debbie.cotton@phoenix.gov

For more information, visit phoenix.gov/congress