

Memorandum

City of Tempe



DATE: October 10, 2008

TO: Mayor and Council

THROUGH: Jeff Kulaga, Assistant City Manager, x8844

FROM: Jim Bond, Assistant City Engineer, x8897
Shelly Seyler, Traffic Engineer, x8854

SUBJECT: Val Vista Waterline Construction Project

The City of Phoenix owns and operates a 72" to 90" diameter water transmission line that runs from Mesa to Phoenix through Tempe in and along the Rio Salado Parkway originally completed in 1975. Phoenix discovered that the pipeline is deteriorating faster than the original design life of the pipe and developed a multi-year phased plan for its entire rehabilitation. This transmission main is a key component of their overall system and can only be taken out of service during low water use months (October through April). Phoenix would like to proceed with the next phase of rehabilitation this fall/winter/spring and has selected 5 locations in Tempe (in addition to others in Mesa) prioritized by the condition of the pipe. Staff from the City of Tempe and the City of Phoenix have been working together to minimize traffic impacts but cannot completely eliminate them. While three of the portals do not pose a major problem the portals located at Rio Salado Parkway/McClintock and Rio Salado Parkway/Siesta significantly restrict traffic to and from Tempe Marketplace requiring extra attention by both staffs to minimize those impacts.

At this Issue Review Session, staff from Phoenix will present their proposed rehabilitation program and welcome feedback from Tempe City Council.