2005 CAPITAL IMPROVEMENT PROGRAM

Construction of the Capital Improvement Program (CIP) projects approved by voters in the March 2005 bond election have been ongoing since Metro Water received a loan agreement from the Arizona Water Infrastructure Financing Authority (WIFA) in early 2006.

Construction of the $6.3 million Northeast Reservoir located at Magee Road and 1st Avenue began in May 2006 and is nearing completion. The reservoir roof is expected to be completed in April 2007, and the backfilling and other site improvements in late June 2006. The $2.0 million Northeast Reservoir Booster Station being built along Magee Road, just east of La Canada, has also been under construction since July 2006, and is expected to be complete by July 2007.

The $1.8 million Magee Road Transmission Main, Northern Avenue to 1st Avenue, was completed during March 2007. This transmission main project completes the loop, bringing water from the District's productive well system located along the Canada del Oro Wash to the easterly Metro-Main service areas. In April 2007, Metro Water will begin construction of the $1.2 million 1st Avenue Transmission Main south of Magee Road. It is anticipated that during early 2008, construction will begin for the Oracle Road Corridor Mainline Replacement project. Together these projects will allow the District to store 5 million gallons of water to distribute to its customers located along its Metro-Main easterly service areas. The improvements will provide critical water storage capacity and maintain stable water pressures through the new gravity flow distribution system.

Construction on the Sabino Vista Mainline Replacement project located in the Metro-Hub service area is expected to start in late 2007. This critical area has experienced many water line breaks recently. The Mainline Replacement project will provide a more reliable distribution system for Metro's customers in the Metro-Hub service area.

Aerial view of the Northeast Reservoir which is located on Magee Road near Immaculate Heart School.

The new reservoir will increase Metro's overall storage capacity by five million gallons. The reservoir is at an elevation that will allow gravity flow to distribute the water in the system, thereby maintaining more stabilized pressure even during high demand periods.

After the steel reinforced concrete flooring was completed on the Northeast Reservoir, construction crews began to erect the walls.

Concrete columns to support the roof of the reservoir were placed on the floor of the reservoir.

Workers are finishing the temporary roof deck of the Northeast Reservoir. A steel reinforced concrete roof will be placed on the deck and the decking will then be removed. Once the roof has been completed, the large mound of dirt pictured in the background will be placed around and on top of the reservoir. Natural vegetation will be planted on top of the reservoir so as to make the reservoir completely unnoticeable under its desert landscape.

Underground vault next to the Northeast Reservoir will house inlet and outflow flow control valves.

The vault will be completely buried along with the reservoir.

The Northeast Reservoir Booster Station, located on Magee Road near La Canada, will pump water into the distribution system and fill the Northeast Reservoir.