

December 15, 1998

**To:** Board of Directors (Engineering and Operations Committee--Information)  
(Budget and Finance Committee--Information)

**From:** General Manager \_\_\_\_\_

**Submitted by:** Gary M. Snyder \_\_\_\_\_  
Chief Engineer

**Subject:** Monthly Project Status Report for the Inland Feeder Project—November 1998

### RECOMMENDATION(S)

For information only.

### EXECUTIVE SUMMARY

This report summarizes progress and provides program highlights for the Inland Feeder Program for the month ending November 1998.

### DETAILED REPORT

The Inland Feeder Program continues on schedule and within budget to support an on-line date of early 2004. The program estimate remains unchanged at \$1.188 billion. Five of the seven project reaches are currently in the construction phase, one is due to open bids in January 1999, and one reach is scheduled to complete design early 1999. The following is an update for each project reach from north to south along the alignment.

The Arrowhead West Tunnel continued mobilization activities and portal preparation at the Waterman Canyon Portal site. Utilities for the portal site were completed. Work on the concrete portal canopy structure is approximately 60 percent complete. The contractor continued installation of the 5,200-foot pipeline stretching from the Waterman Canyon Portal through the Campus Crusade for Christ property, to the Strawberry Creek Portal. Approximately 2,660 feet has been installed and is scheduled to be completed in early 1999. The contractor continues the manufacturing of the tunnel boring machine.

Excavation of the Arrowhead East Tunnel continued from the City Creek Portal. A total of 5,384 feet has been excavated to date. A total of 316 feet was excavated during the reporting period which represents a decrease from previous months. This is attributed to the presence of harder and more fractured rock, and a significant increase in the presence of groundwater. Also, for a two week period, mining was halted when a piece on the tunnel boring machine became lodged. The contractor has corrected the problem and tunneling has continued.

Design of the Highland Pipeline is approximately 80 percent complete and is scheduled for completion in early 1999. The Mentone Pipeline design has been completed, and was advertised for bids. Bid opening is scheduled for January 1999.

On the Riverside Badlands Tunnel, the contractor made substantial progress with mobilization and site development at the Gilman Springs Portal. Seven dewatering wells and three piezometers were installed in Live Oak Canyon, and the shaft site at San Timoteo Canyon was fenced and graded in preparation of shaft construction.

Construction on the Riverside Pipeline North continues ahead of schedule. Approximately 19,600 of the 44,000 feet of pipe has been installed. The Riverside Pipeline South is well ahead of schedule. All 35,400 feet of pipe has been installed and backfilling operations continue.

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