

October 20, 1998

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

From: General Manager _____

Submitted by: Gary M. Snyder
Chief Engineer _____

Subject: Quarterly Status Report for the Inland Feeder Project - July through
September 1998

RECOMMENDATION(S)

For information only.

EXECUTIVE SUMMARY

This report summarizes progress and provides program highlights for the Inland Feeder Program for the quarter ending September 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. Several significant milestones were achieved during the reporting period as the program continues to transition from the design to construction.

On the Arrowhead West Tunnel construction contract, the contractor, Shank/Balfour Beatty, continues with the mobilization and construction on the Waterman Canyon Portal site, including the mobilization of equipment, clearing and grubbing, and construction of the office pad area. Work has begun on the 3,400-foot segment of pipeline that passes through the Campus Crusade for Christ property. Work is proceeding ahead of schedule.

The Arrowhead East Tunnel continued construction at the City Creek portal site above the City of Highland. Since excavation began on May 20, 1998, the tunnel boring machine has advanced a total distance of 4,720 feet. The San Andreas and San Manuel Faults were successfully mined, and no significant impacts were observed. Contractor is proceeding slightly ahead of schedule.

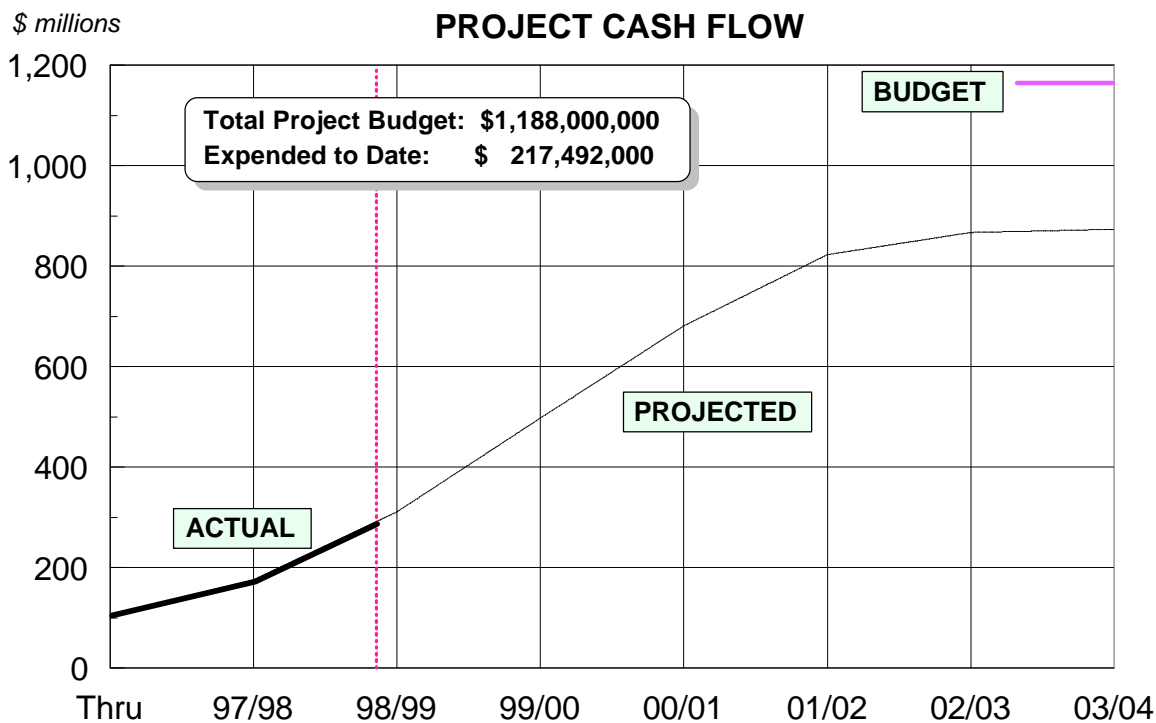
The Highland Pipeline design is approximately 77 percent complete and is on schedule to be advertised in early-1999.

At the July Board meeting, the Final Supplemental Environmental Impact Report (SEIR) to revise the construction method in the Santa Ana River Wash portion of the Mentone Pipeline from a

tunnel to a “cut-and-cover” pipeline was certified. To expedite construction of this portion, an advanced procurement of 3,200 feet of pipe has been initiated. Design of the Mentone pipeline was completed in August, advertised, and scheduled to open bids in November.

Authorization to award a construction contract to Shank/Balfour Beatty for the Riverside Badlands Tunnel was received at the July Board meeting. The contractor has begun mobilization activities, and initiated installation of utilities at the Gilman Springs Portal project office site.

Construction on the Riverside Pipelines North and South continue ahead of schedule for a mid-2000 completion. The Riverside Pipeline North project has completed installation of approximately 15,000 of the 44,000 feet of pipe. The Riverside Pipeline South contractor has installed approximately 26,200 of the 35,400 feet of the pipe for the project.



SCHEDULE DATA SUMMARY

Description	Actual Progress	Completion Date		Comments
		Planned	Forecast	
Design				
Highland Pipeline	77%	Mar-99	Mar-99	Complete design early-1999
Mentone Pipeline	100%	Aug-98	Complete	Scheduled to open bids November 1998
Construction				
Arrowhead West Tunnel	8%	Nov-02	Jun-02	Mobilizing and installing Waterman Canyon pipe
Arrowhead East Tunnel	29%	Jul-02	Jun-01	Tunnel excavation has progressed 4,720 feet
Mentone-RUSD Pipeline	100%	Feb-98	Complete	
Riverside Badlands Tunnel	1%	Feb-04	Oct-03	Mobilizing and preparing portal site
Riverside Pipeline North	40%	Apr-00	Jul-00	15,000 of the 44,000 feet complete
Riverside Pipeline South	75%	Jan-00	Mar-00	26,200 of 35,400 feet complete

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 **(SEE HARD COPY FOR ATTACHMENT)** 