

April 23, 1999

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

From: General Manager _____

Submitted by Gary M. Snyder _____
Chief Engineer

Subject Monthly Project Status Report for the Inland Feeder Project – March 1999
[Any discussion of claims will be heard in closed session - Conference with
Legal Counsel - Significant Exposure to Litigation (two matters) pursuant to
Gov. Cod §54956.9(b).]

RECOMMENDATION(S)

For information only.

EXECUTIVE SUMMARY

This report summarizes progress and provides highlights for the Inland Feeder Project for the month ending March 1999.

DETAILED REPORT

The Inland Feeder Project continues on schedule supporting the 2004 on-line date. The overall project budget remains unchanged at \$1.188 billion, with total expenditures through March 1999 at \$296.5 million. Available contingency was unchanged for the month of March and remains at \$250.1 million. Of the Project's seven reaches, five are in the construction phase, one (Mentone Pipeline) has been advertised for bids, and one (Highland Pipeline) is nearing completion of the design phase. Attachment A gives a summary of the Project's cost and schedule status.

Riverside Pipeline South construction is almost complete. All seven miles of pipe have been installed, and the contractor has completed 70 percent of the mortar lining. All work is expected to complete in mid-1999, approximately seven months ahead of schedule.

Progress on the Riverside Pipeline North also continues ahead of schedule with over six of the eight miles of pipe being installed. Construction is nearly complete in the environmentally sensitive San Jacinto River area. Construction is expected to complete in late 1999.

Mining operations continued on the Arrowhead East Tunnel. A total of 904 feet was excavated this month, bringing the total completed to 7,888 feet. Difficult ground conditions, combined

with high groundwater, continue to affect mining progress (See Attachment B for mining progress).

Work continues on the Arrowhead West tunnel at the Waterman Canyon Portal site. Fabrication of the tunnel boring machine (TBM) components and construction of the muck conveyor system are proceeding on schedule to support mining in late 1999. Installation of the 3,700-foot pipeline through the Campus Crusade for Christ has been completed.

The Riverside Badlands Tunnel contractor has completed excavation of the Gilman Springs Portal and the adjacent muck disposal site. Construction of the 22-foot diameter ventilation shafts in Live Oak and San Timoteo Canyons have been completed. Design and fabrication of the TBM is ongoing to support mining in late 1999.

Construction bids for the Mentone Pipeline are scheduled to be opened in April and work is scheduled to begin in mid-1999. The Highland Pipeline design is over 80 percent complete and expected to advertise in mid-1999.

JP/mg:rev3
(INFED March Monthly)

Attachment 10-9A

Attachment 10-9B

Attachment 10-9A

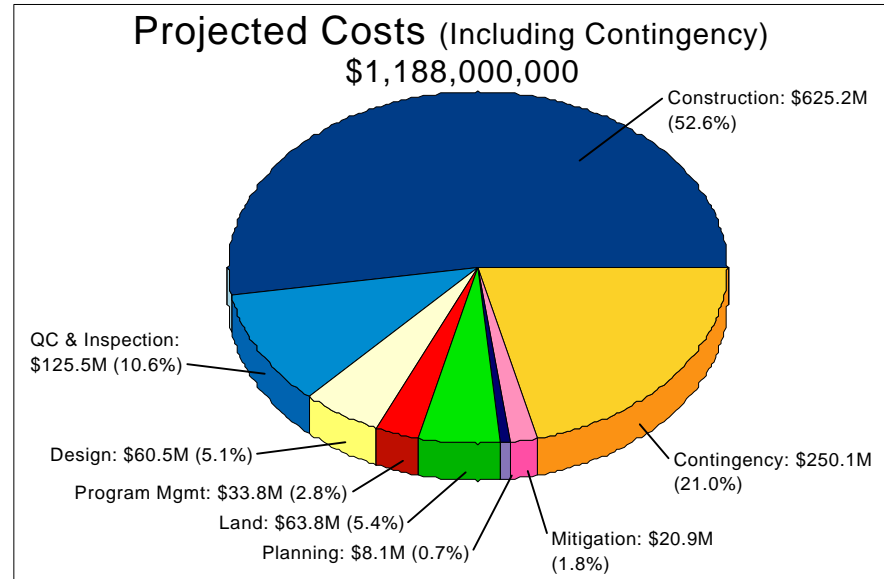
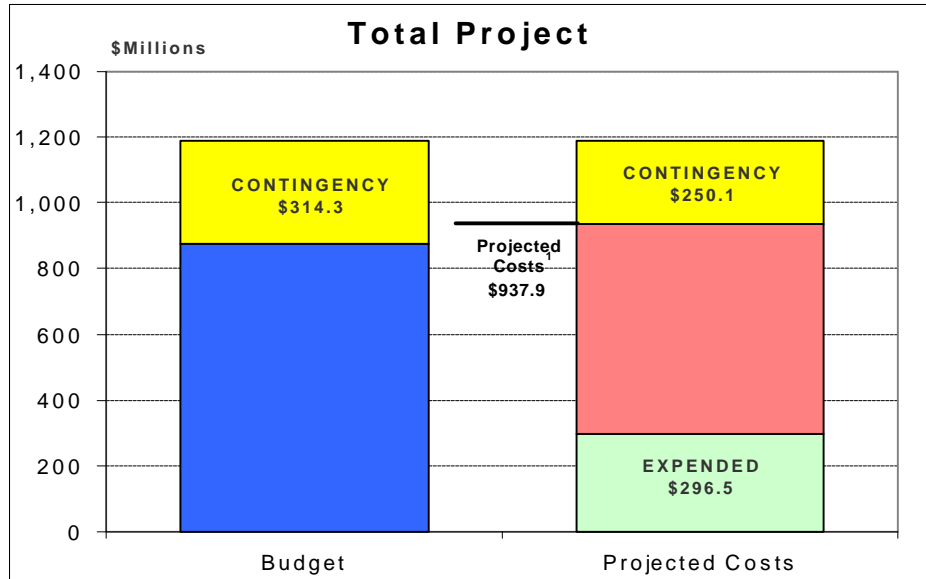
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Attachment A for 10-9

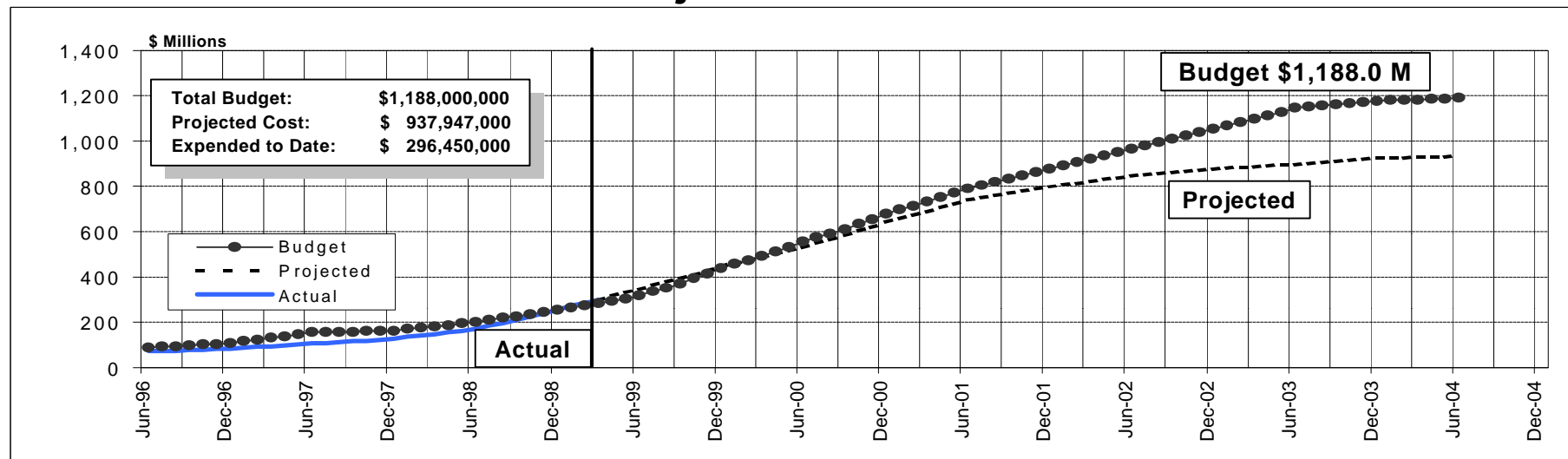
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Financial Summary



1. Based on knowledge of current field conditions.

Project Cash Flow



Attachment A for 10-9
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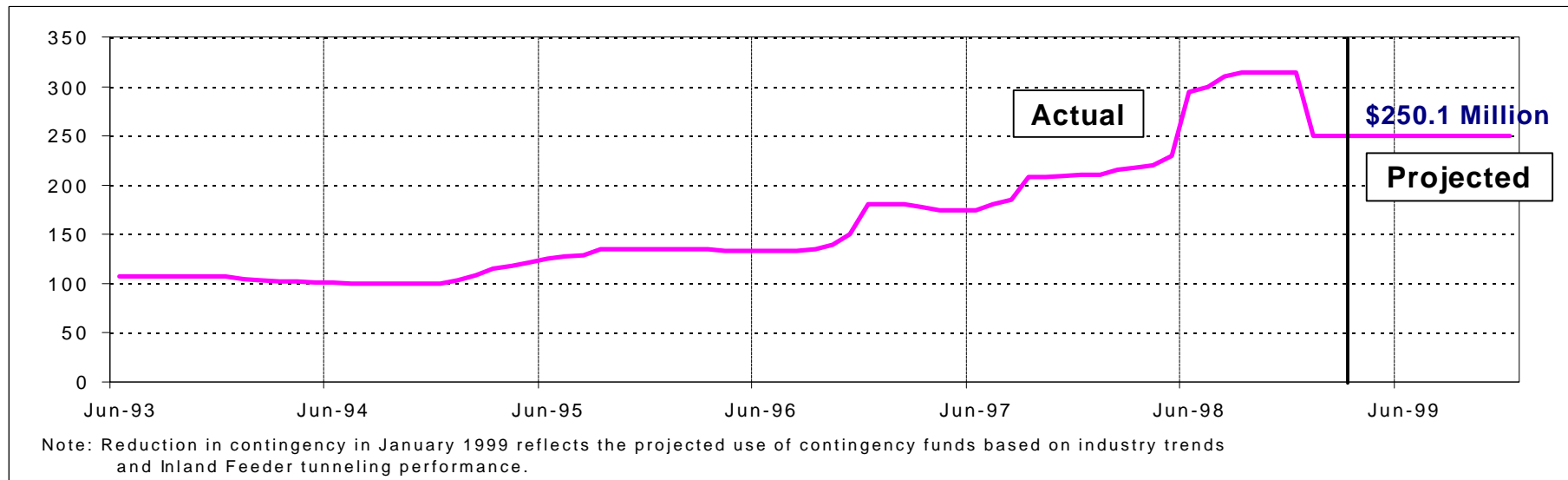
Schedule Summary

DESCRIPTION	PROGRESS		COMPLETION DATE		COMMENTS
	PLANNED ¹	ACTUAL	CONTRACT ²	FORECAST	
<i>Design</i>					
Highland Pipeline	97%	85%	Nov-98	Jun-99	
Mentone Pipeline	100%	100%	Complete	Complete	Scheduled to open bids April 1999
<i>Construction</i>					
Arrowhead West Tunnel	19%	22%	Jun-02	Jun-02	TBM design and fabrication on-going. Preparation for pipeline segment in Devil Canyon underway. Mining has progressed to 7,888 feet.
Arrowhead East Tunnel	39%	51%	Jan-02	Jan-02	
Mentone-RUSD Pipeline	100%	100%	Complete	Complete	Construction completed on schedule in February 1998.
Riverside Badlands Tunnel	15%	13%	Jul-03	Jul-03	Gilman Springs Portal muck disposal site completed. Completed shafts in Live Oak and San Timoteo Canyon. Completed 36,100 of 44,000 feet of pipeline.
Riverside Pipeline North	51%	76%	May-00	May-00	
Riverside Pipeline South	62%	97%	Feb-00	Jul-99	Pipe installation complete. Completed 70% of mortar lining operations.

1. Based on Contract Payments

2. Original Contract Duration + Approved Extensions

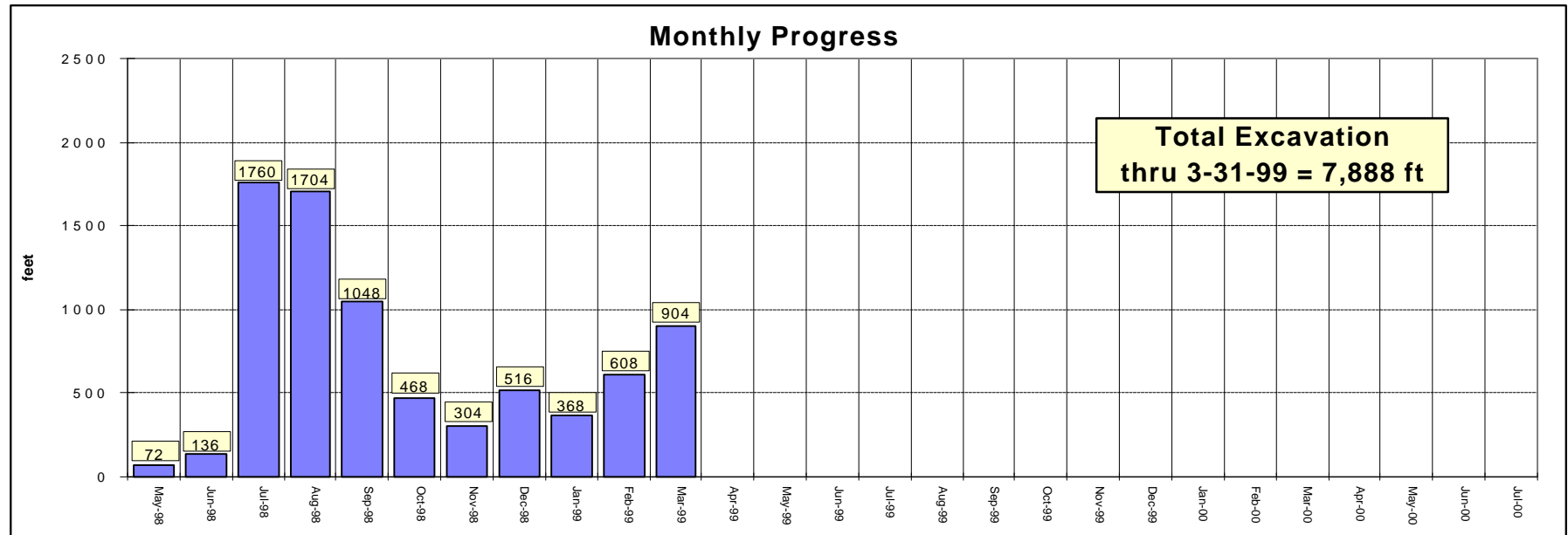
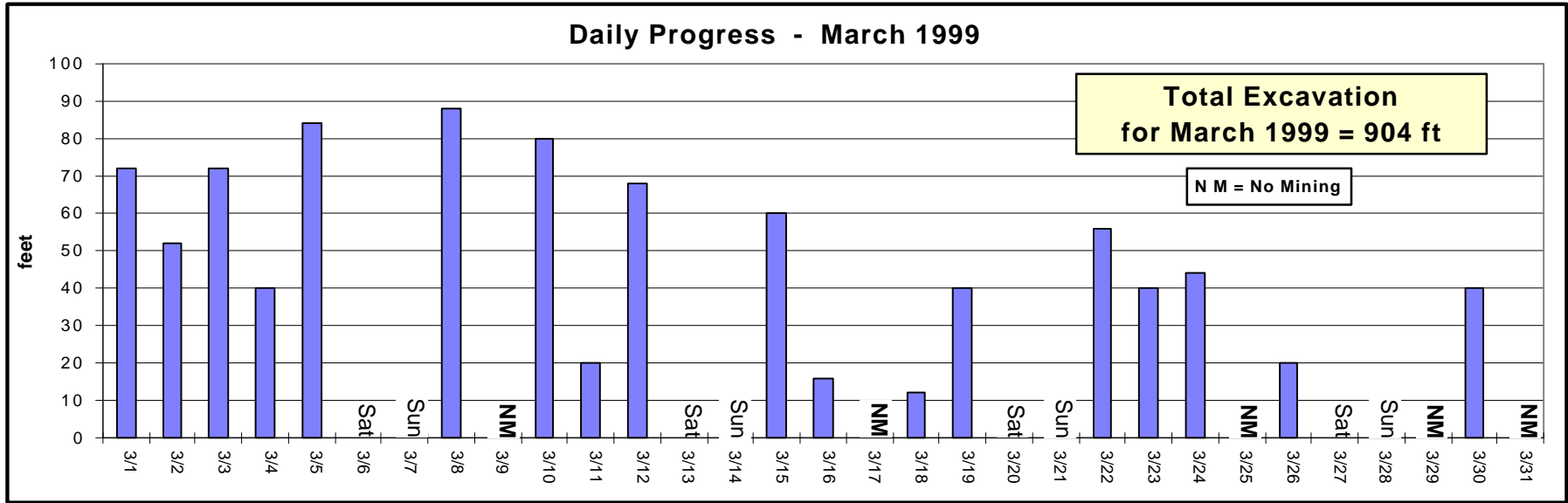
Available Contingency



Attachment B for 10-9
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Attachment 10-9B
Engineering Division
ARROWHEAD EAST TUNNEL

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Arrowhead East Tunnel Tunnel Advancement (Planned vs Actual & Projected)

