

● **Board of Directors**
Engineering and Operations Committee

April 11, 2000 Board Meeting

10-2

Subject

Inland Feeder Project Status Report for February 2000.

Description

On December 1, 1999, mining began at the Gilman Springs Portal of the Inland Feeder Project's Riverside Badlands Tunnel. In February 2000, the tunnel boring machine (TBM) progressed 4,034 feet, bringing the total completed through February 29 to 9,949 feet (see [Attachment 1](#) for a summary of mining progress). Dewatering operations continue in San Timoteo Canyon to lower the groundwater level prior to mining in this area, which is scheduled for late April 2000.

As previously reported, all tunneling-related work at the Arrowhead East and West Tunnels is on hold.

The Highland Pipeline design remains at about 90 percent complete. Construction bids are scheduled for advertisement in mid-summer 2000.

At its February meeting, the Board authorized the General Manager to award a construction contract for the Mentone Pipeline. Construction is expected to begin in late spring 2000.

The Inland Feeder Project is scheduled for completion in 2004. The project remains on budget at \$1.188 billion. Total expenditures through February are \$421.5 million (see [Attachment 2](#) for a financial summary and [Attachment 3](#) for a schedule summary).

RECENT DEVELOPMENTS

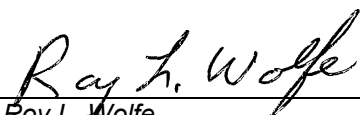
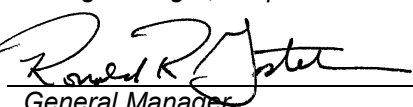
Mining on the Riverside Badlands Tunnel has advanced a total of 13,042 feet through March 22, 2000.

Policy

Board Request

Fiscal Impact

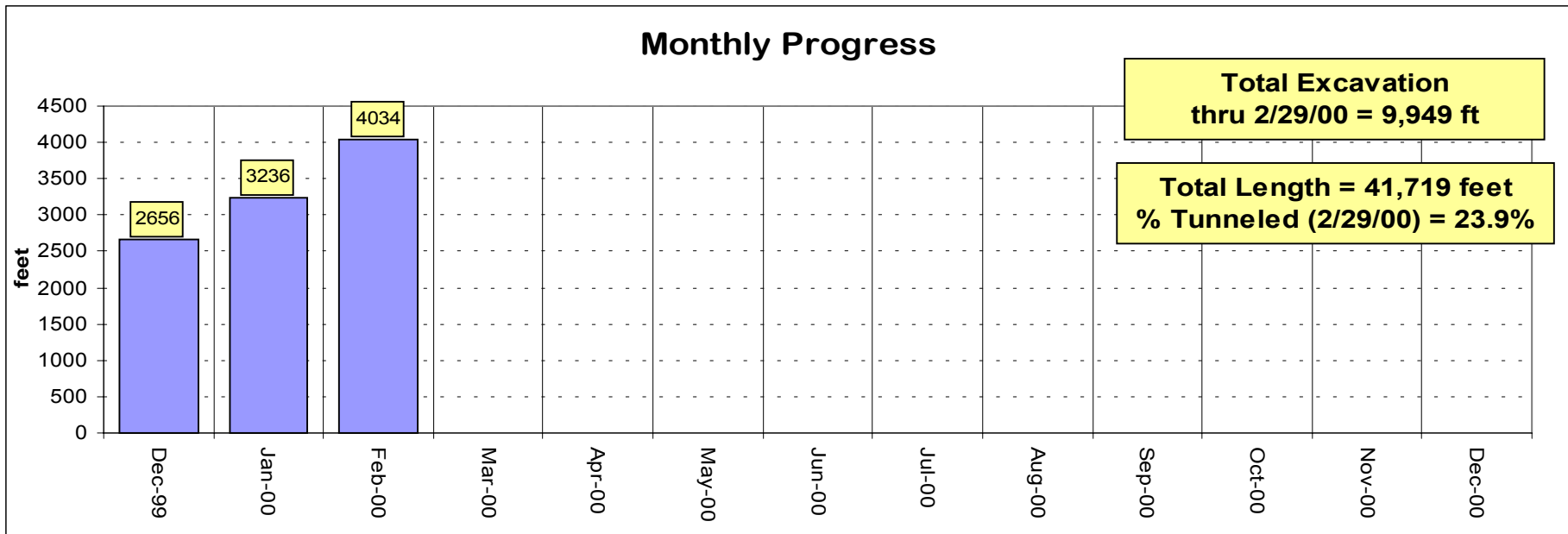
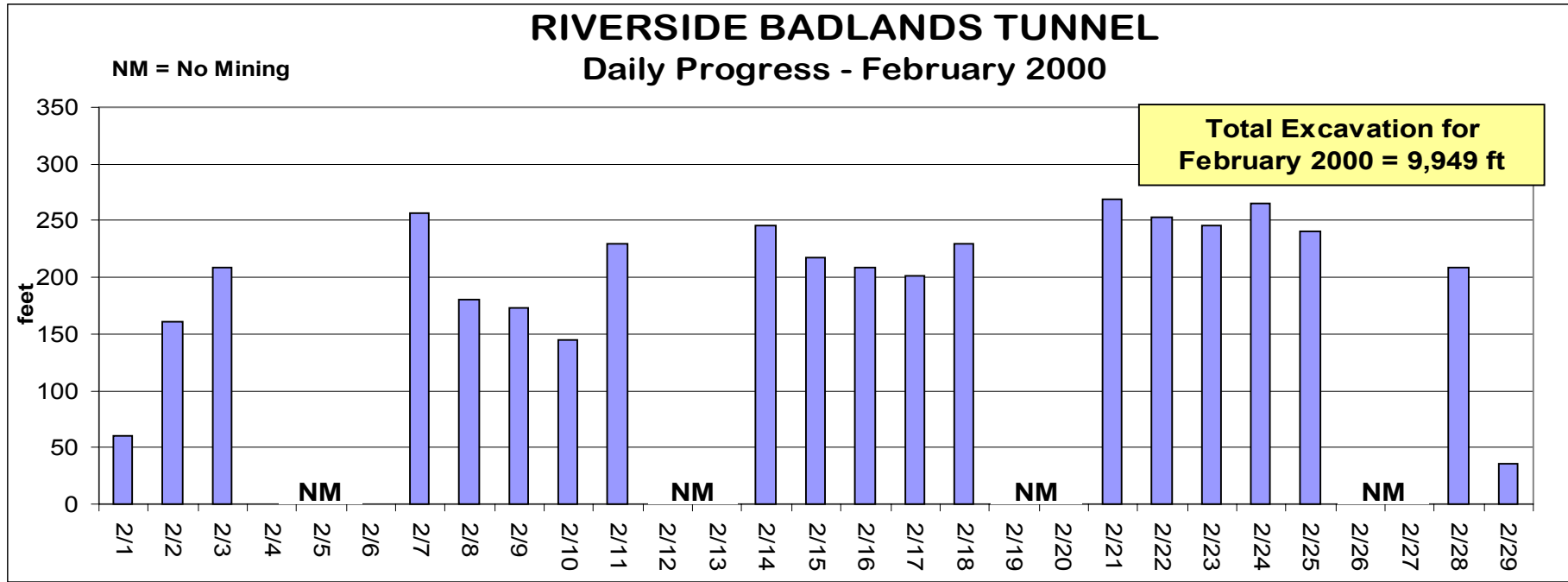
None.

 _____ Roy L. Wolfe Acting Manager, Corporate Resources	3/29/2000 Date
 _____ Ronald R. Jester General Manager	3/30/2000 Date

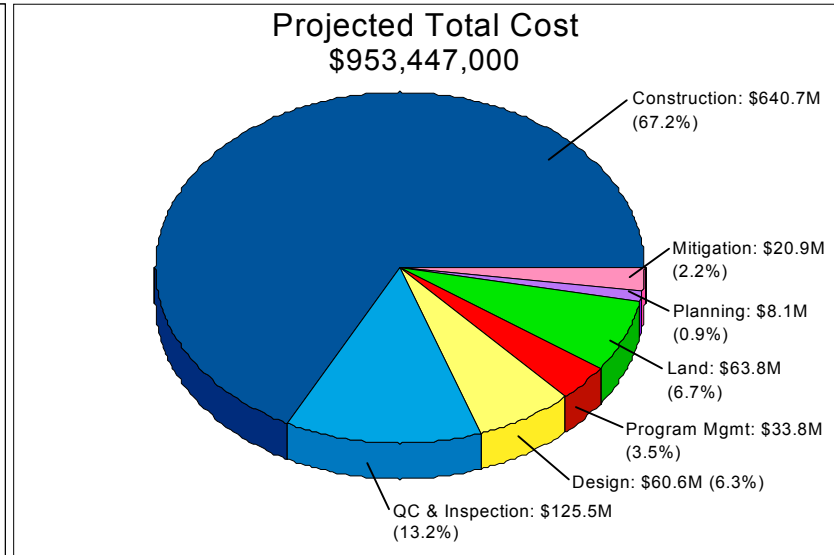
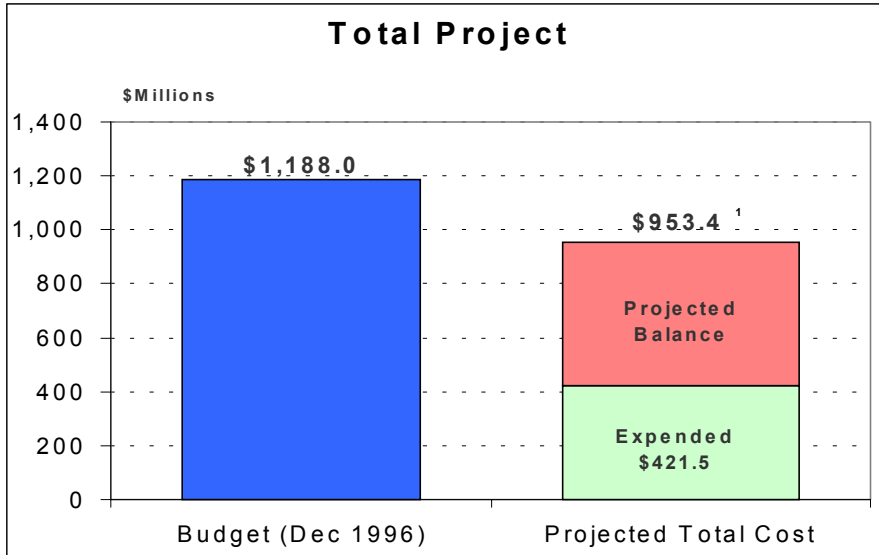
[Attachment 1 – Riverside Badlands Tunnel mining progress](#)

[Attachment 2 – Financial Summary](#)

[Attachment 3 – Schedule Summary](#)

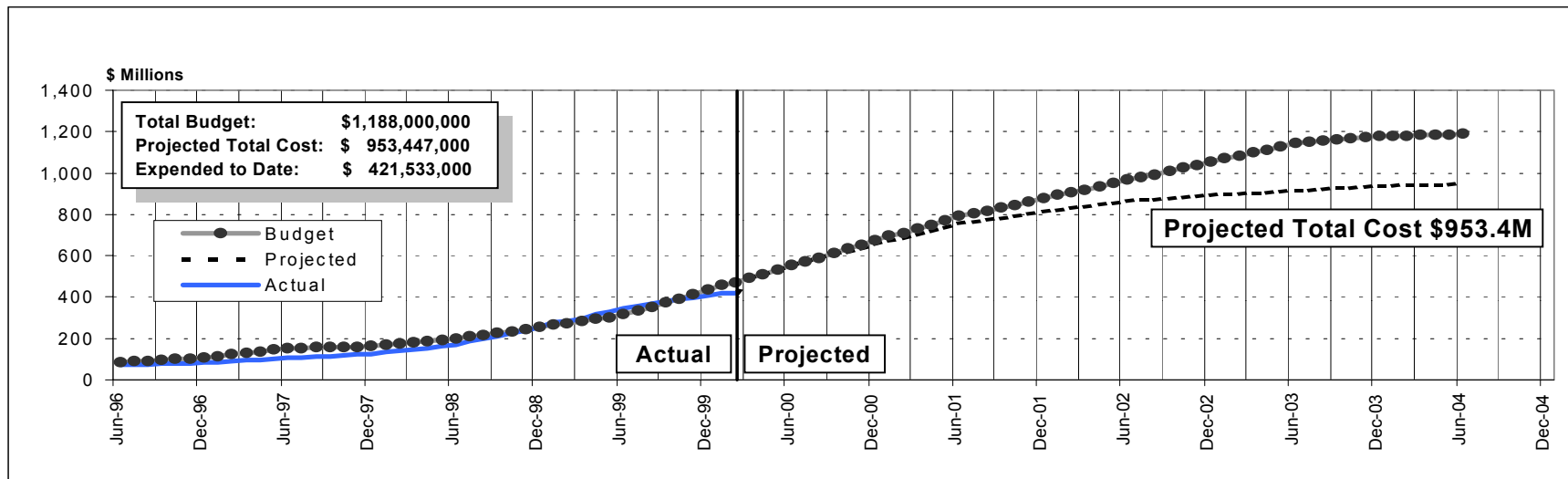


Financial Summary



1. Based on knowledge of current field conditions.

Project Cash Flow



Schedule Summary

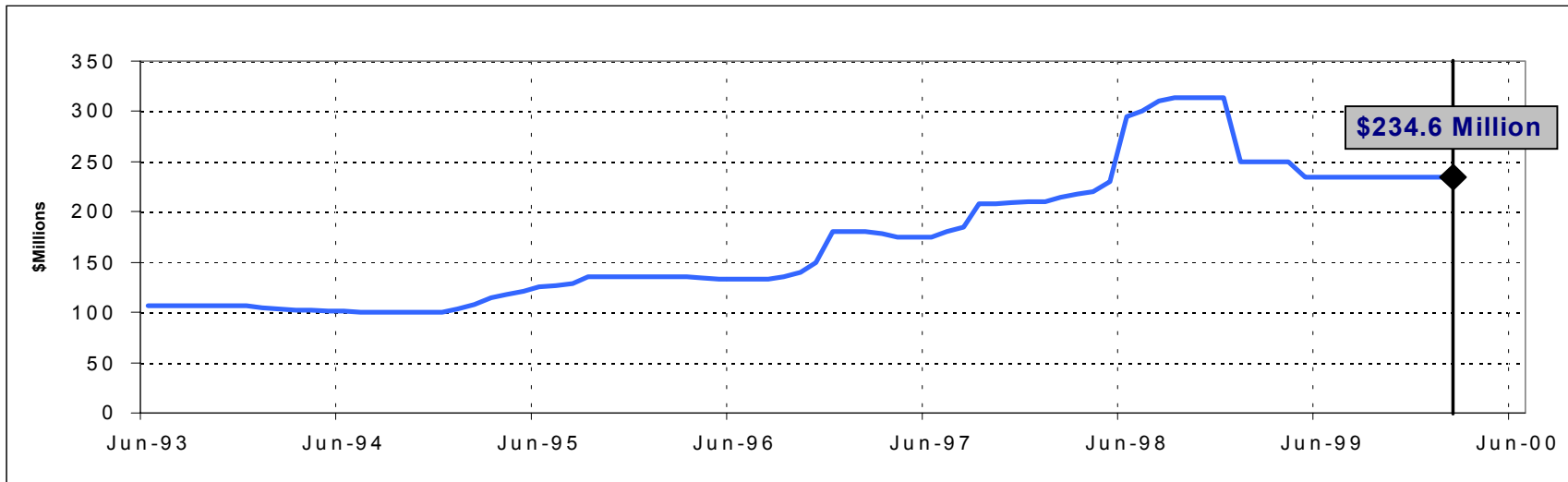
DESCRIPTION	PROGRESS		COMPLETION DATE		COMMENTS
	PLANNED ¹	ACTUAL	CONTRACT ²	FORECAST	
<i>Design</i>					
Highland Pipeline	100%	90%	----	Jun-00	Scheduled for advertisement in early summer 2000.
Mentone Pipeline	100%	100%	Complete	Complete	Awarded contract at the February 2000 Board.
<i>Construction</i>					
Arrowhead West Tunnel	39%	25%	Jun-02	Jun-02	On hold.
Arrowhead East Tunnel	66%	38%	Sep-02	Dec-02	On hold.
Mentone-RUSD Pipeline ³	100%	100%	Complete	Complete	Construction completed February 1998.
Riverside Badlands Tunnel	33%	31%	Jul-03	Jul-03	Mining has advanced 9,949 feet.
Riverside Pipeline North	100%	100%	Complete	Complete	Construction completed November 1999.
Riverside Pipeline South	100%	100%	Complete	Complete	Construction completed August 1999.

1. Based on Approved Schedule

2. Original Contract Duration + Approved Extensions

3. Represents 3,400 foot section of Mentone Pipeline constructed to support opening of new high school.

Remaining Budget ¹



1. Project budget minus projected total cost.