

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

January 20, 1998

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

From: *for:* General Manager

Submitted by: Chief Engineer

Jay Malinski
Gary M. Snyder

Subject: Quarterly Project Status Report for the Eastside Reservoir Project - October through December 1997

RECOMMENDATION

For information only.

EXECUTIVE SUMMARY

The eighteenth quarterly Project Status Report for the Eastside is provided as an Executive Summary, highlighting significant items of progress during the quarter ending December 31, 1997, and the current cost and schedule status of the project. Project details are available in the Monthly Status Report.

Highlights of this quarter included the issuance of the Notice to Proceed for Contract No. 1492, the Pressure Control Structure, and the issuance to bid for the North Rim Remediation and the Secondary Inlet contracts. Remaining contracts to be awarded are the Signal Spillway, Site Completion and Paving, Fencing, and the Recreation Facilities.

The West Dam, Saddle Dam, and Forebay contract with Atkinson-Washington-Zachry (AWZ) achieved seven percent progress this quarter, for a total of 58% percent completion. AWZ forecasted completion remains October 1999. The East Dam contract with Kiewit-Granite achieved a seven percent increase this quarter, for a total of 54 percent completion. Work has fallen behind schedule due to delays in the cutoff wall and a slow start on the foundation drilling and grouting program. Our forecast is for this contract to complete at the end of November 1999 although work-around efforts are being pursued to accelerate this schedule. The P-1 Pressure Tunnel contract with AWZ achieved 17 percent progress this quarter, for a total of 63 percent completion and is proceeding ahead of schedule. The P-1 Pumping Plant contract with Advanco Constructors achieved 11 percent completion this quarter for a total of 22 percent completion.

Work on this contract is slightly ahead of schedule. The Inlet/Outlet Tower contract with AWZ achieved nine percent completion this quarter, for a total of 12 percent completion. Work on this contract is continuing to fall behind schedule due to delays in the placement of concrete walls and foundations. The Pressure Control Structure contract with Advanco Constructors mobilized and achieved 2 percent completion for this quarter.

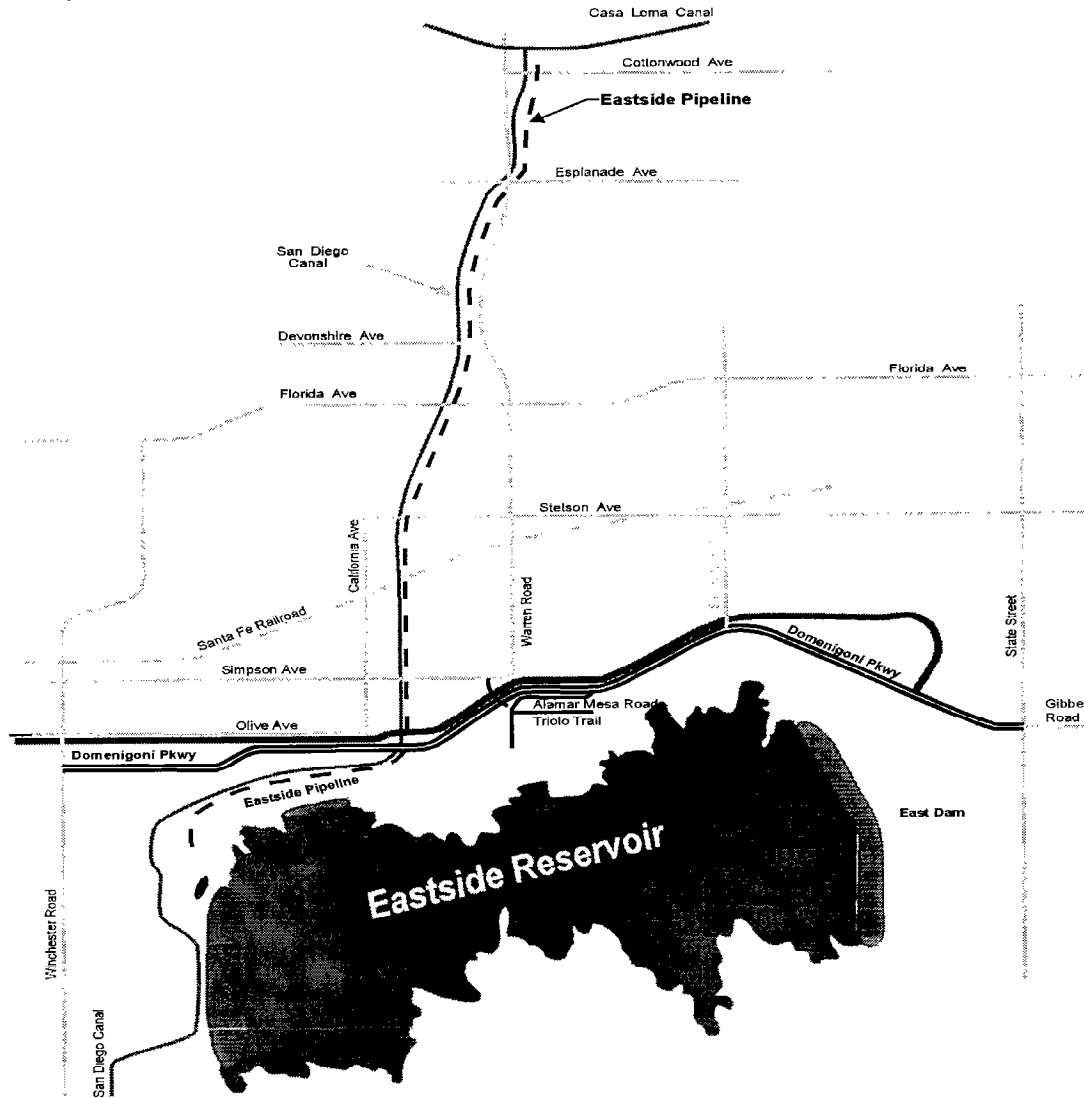
The design for both the Secondary Inlet and North Rim Remediation was completed this quarter and both of these were advertised for bids during this period. Design for the Signal spillway was also completed and issued to Department of Safety of Dams (DSOD) for review.

DGM/hjg
W:\dvrp\bod\qtr19.doc
Attachment(s)



Eastside Reservoir Project

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



Quarterly Status Report

Executive Summary

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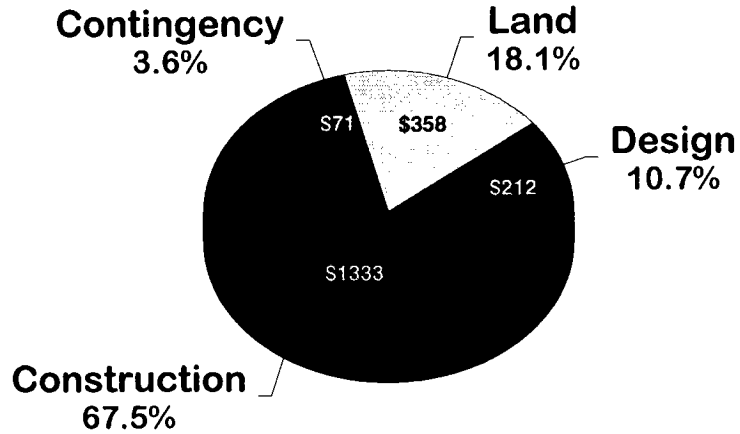
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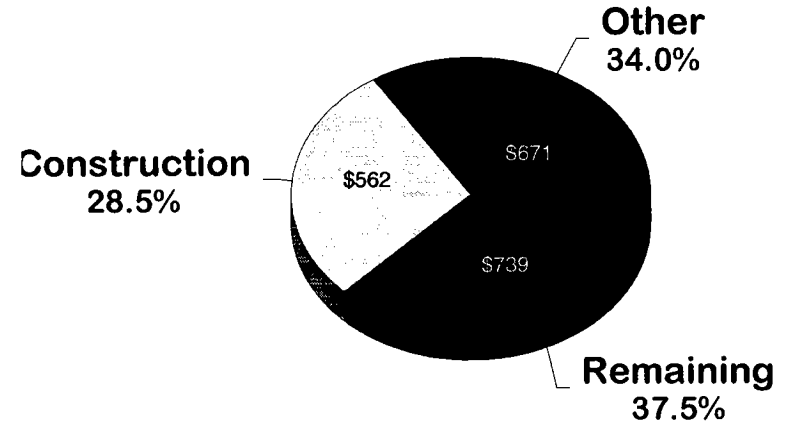
Project Budget

\$1,972,100,000

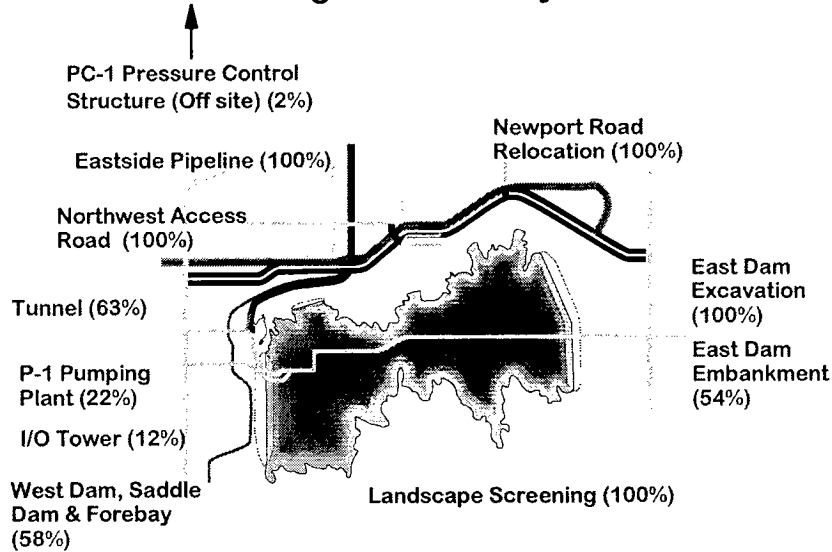


Project Expenditures

(\$1,972,100,000)

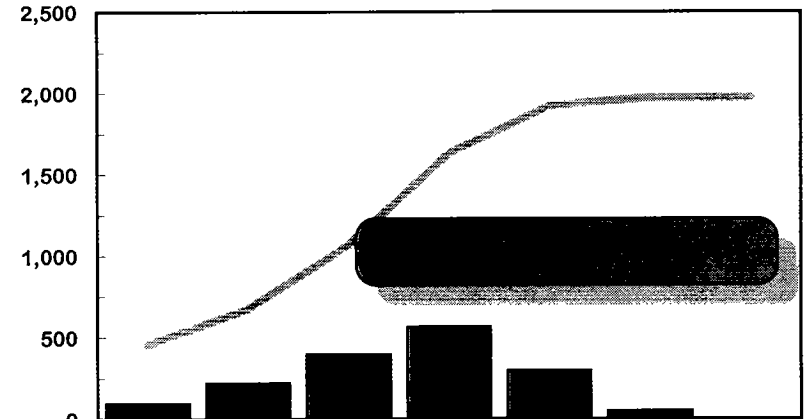


Progress Summary



\$ Millions

Project Cash Flow

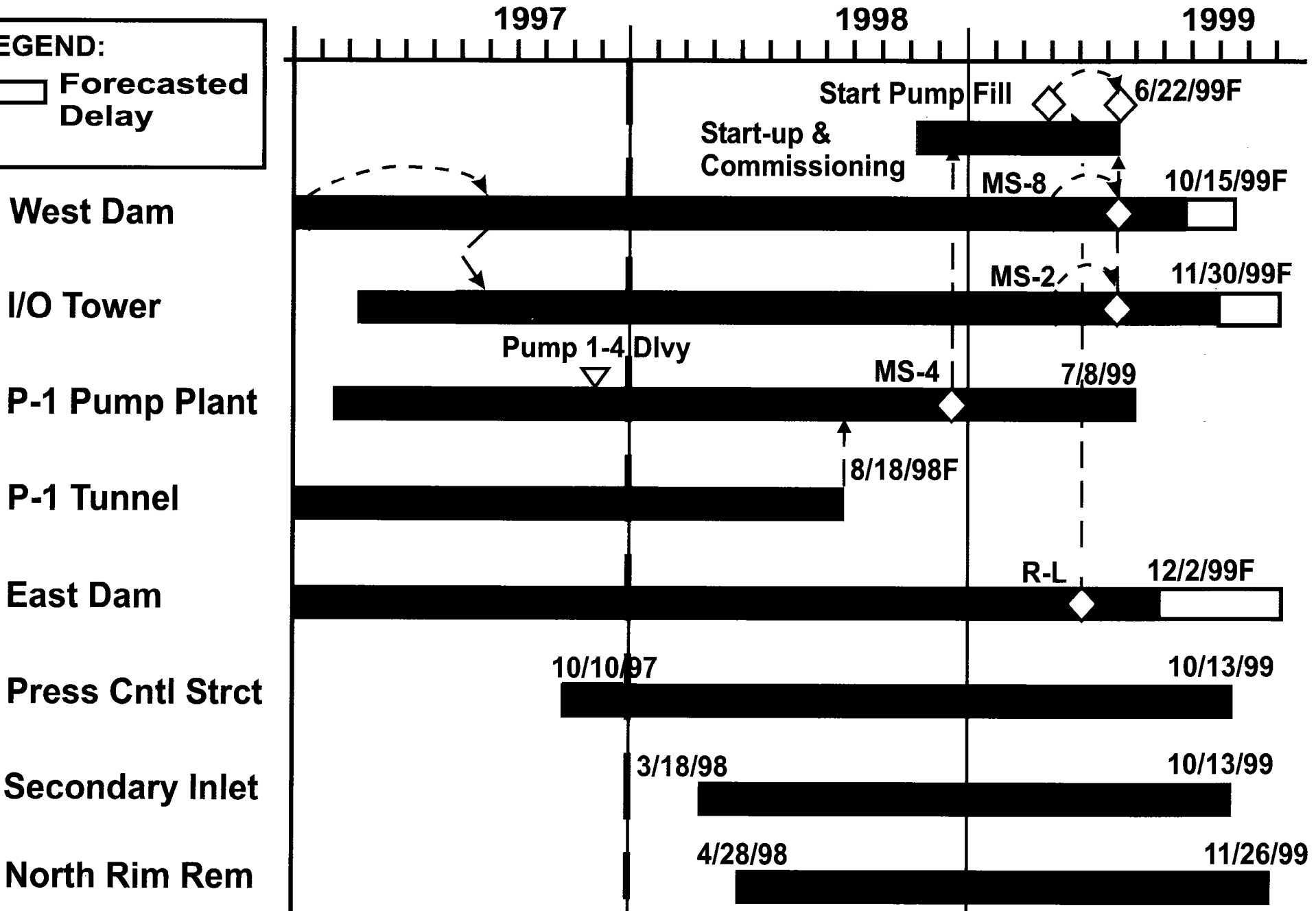


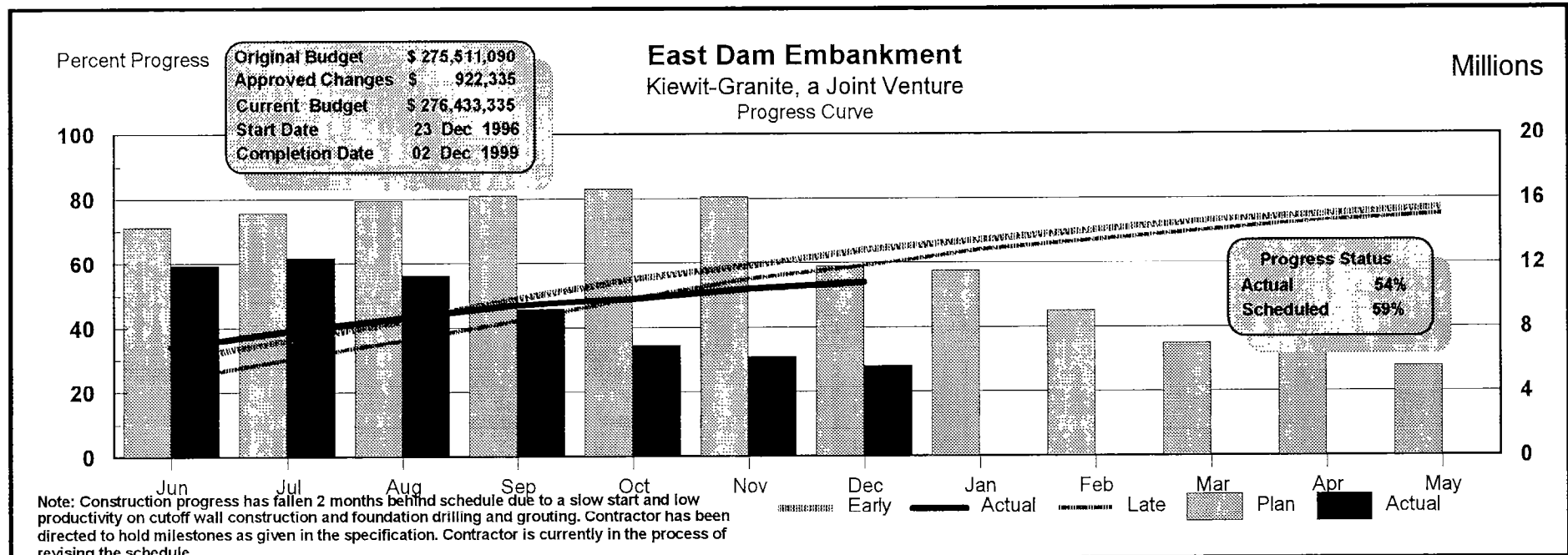
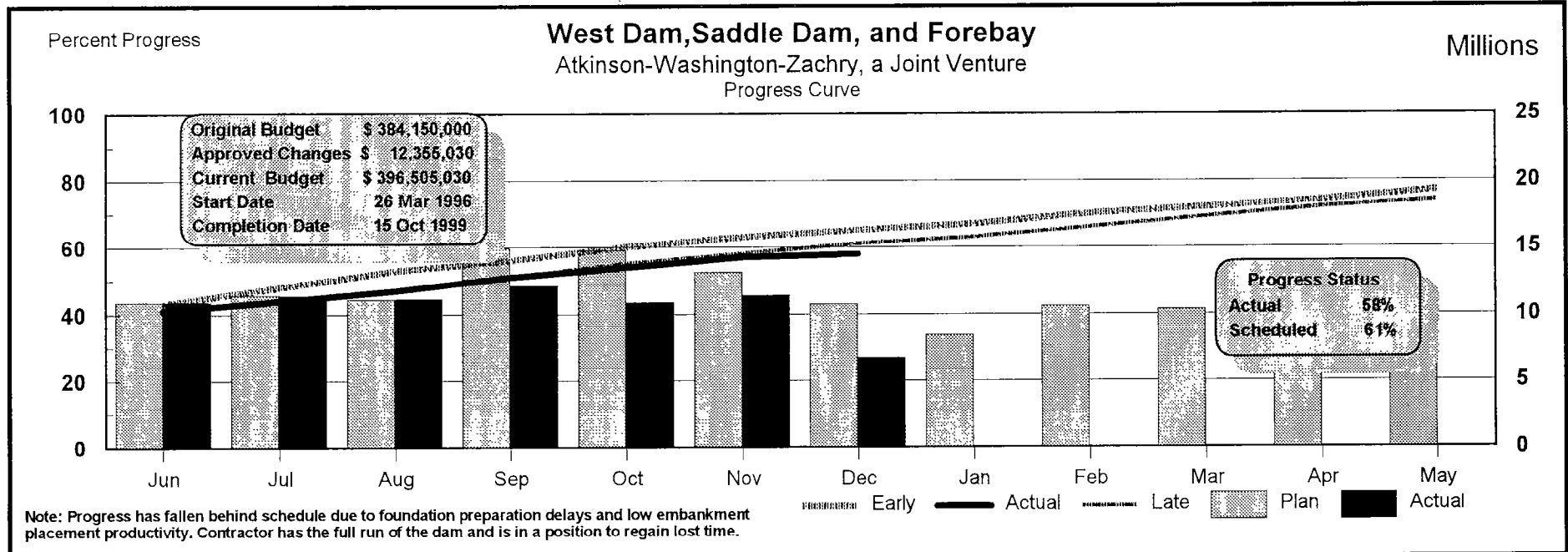
	Act - Jun 95	Act - Jun 96	Act - Jun 97	97/98	98/99	99/00	00/01
■ Increment	93.2	217.6	393.9	562.6	293.2	49.3	0.9
▬ Cumulative	454.6	672.2	1066.1	1628.7	1921.9	1971.2	1972.1

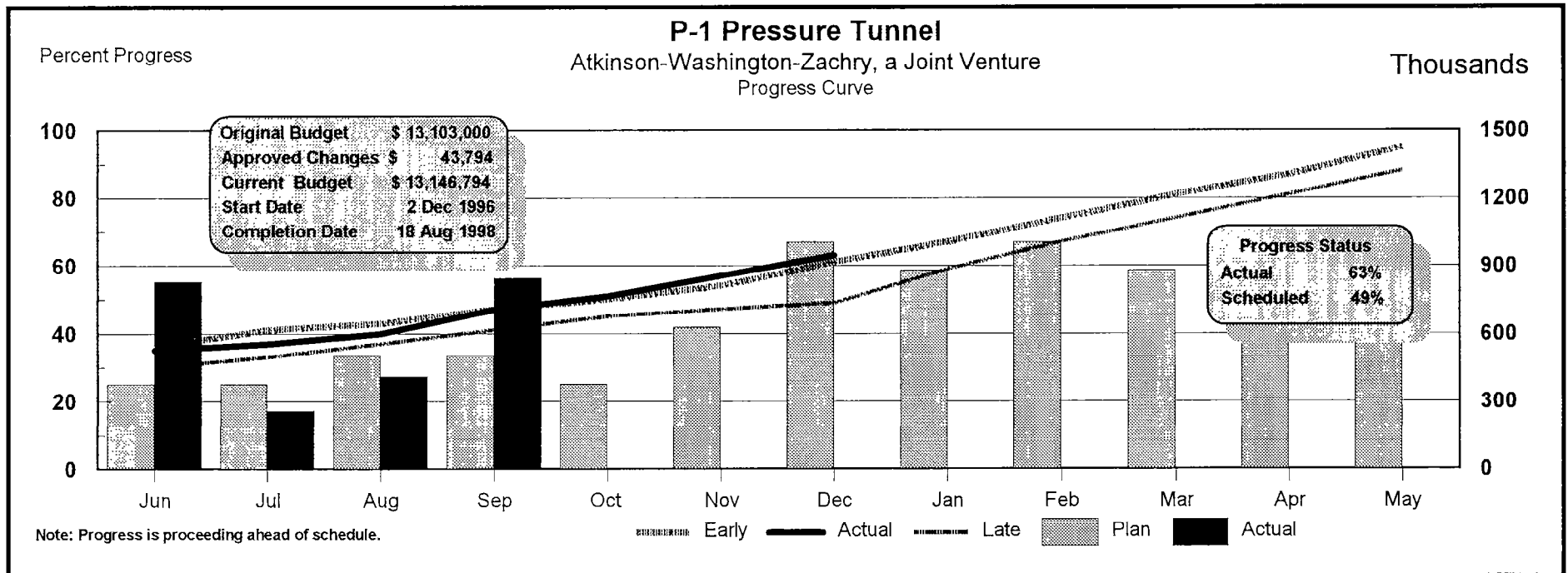
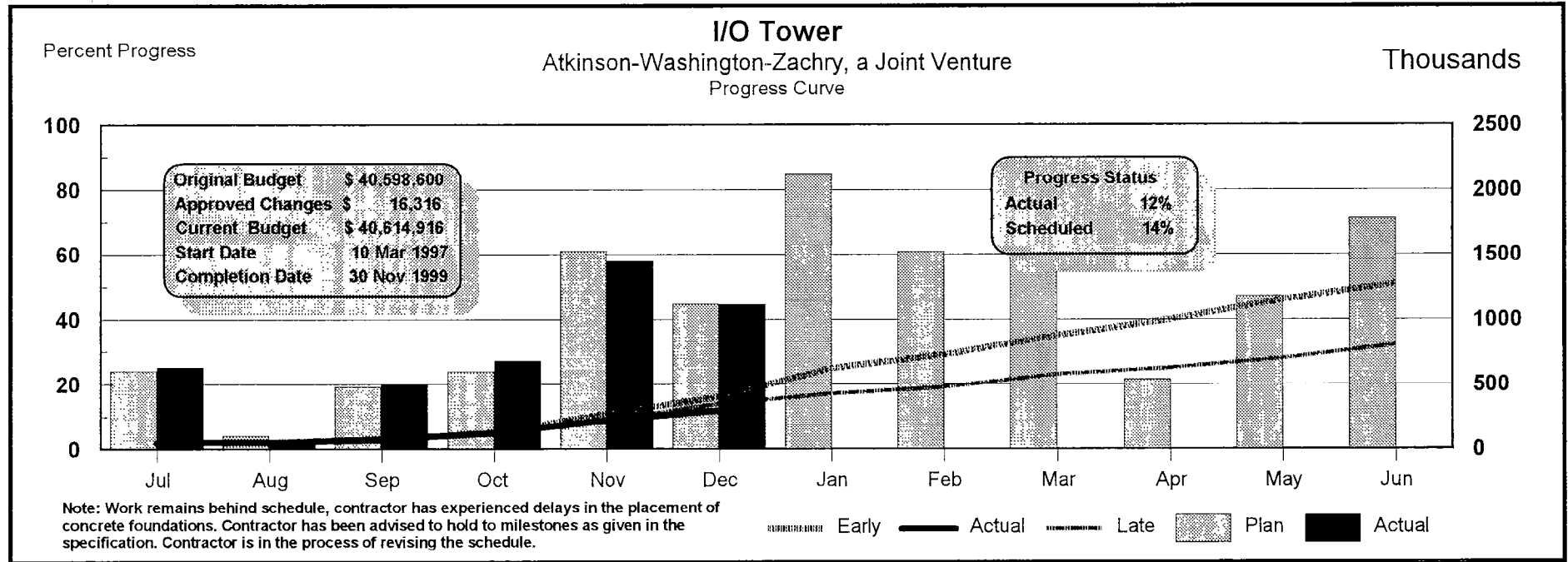


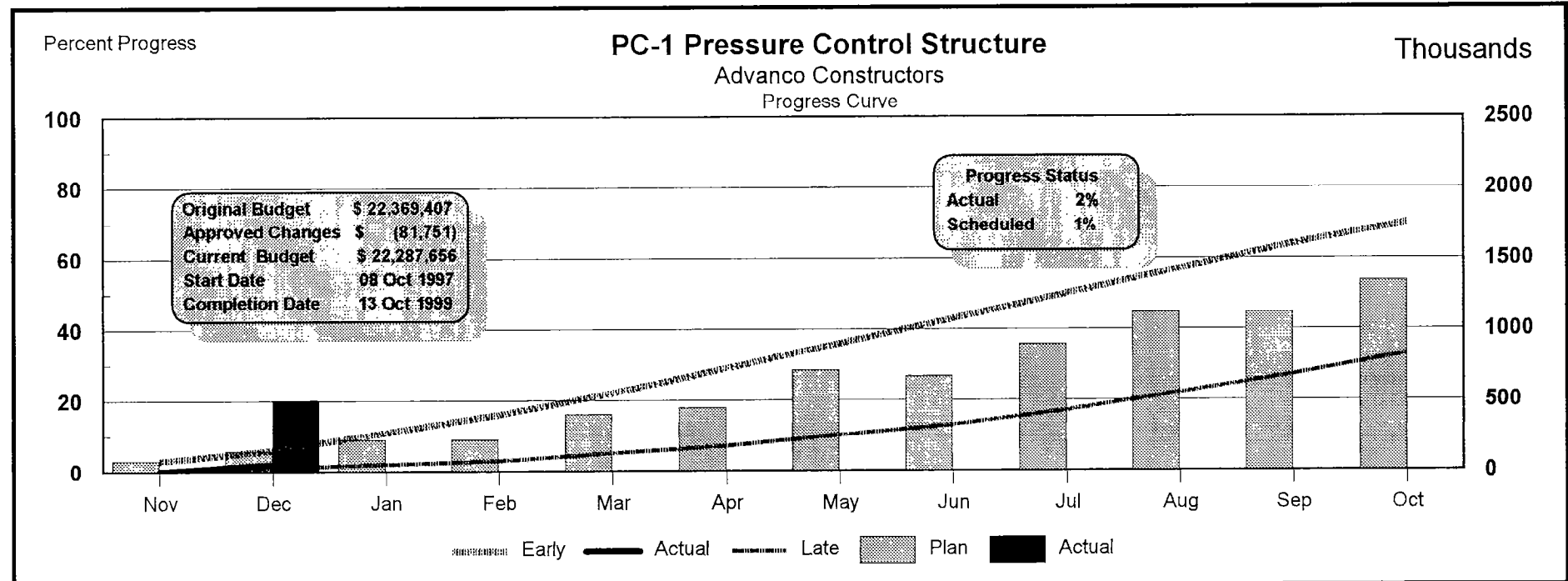
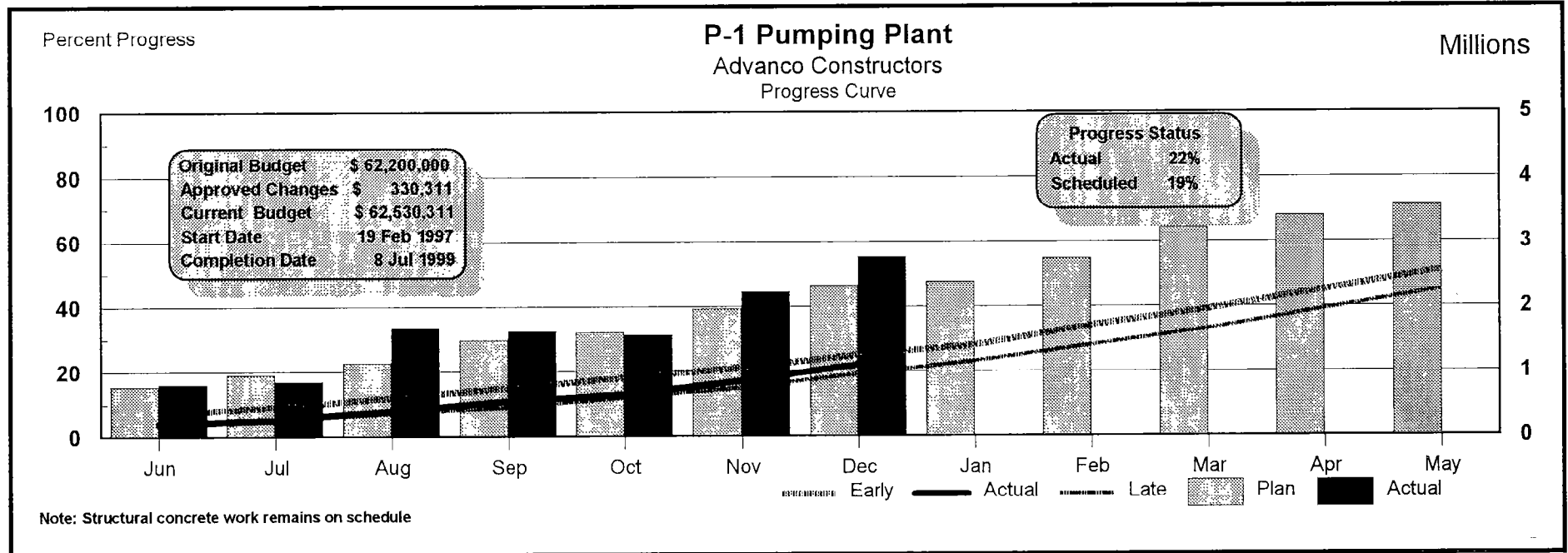
Construction Schedule

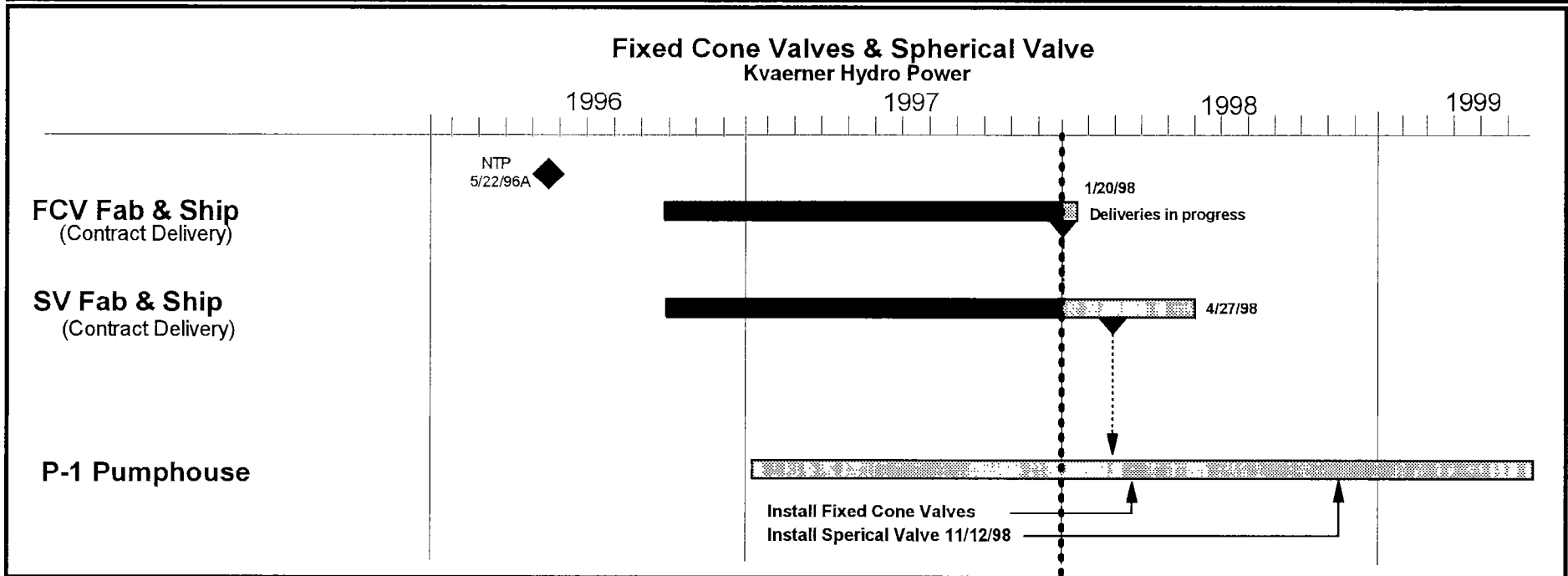
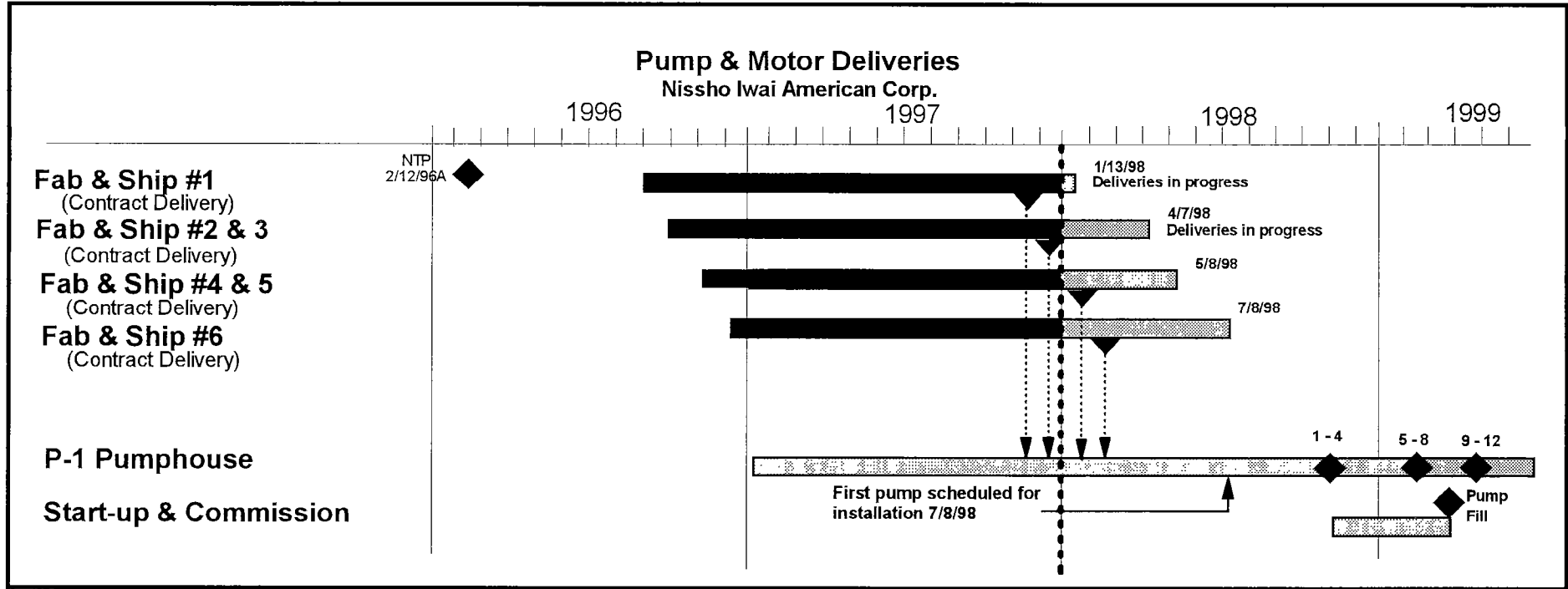
LEGEND:
 Forecasted Delay

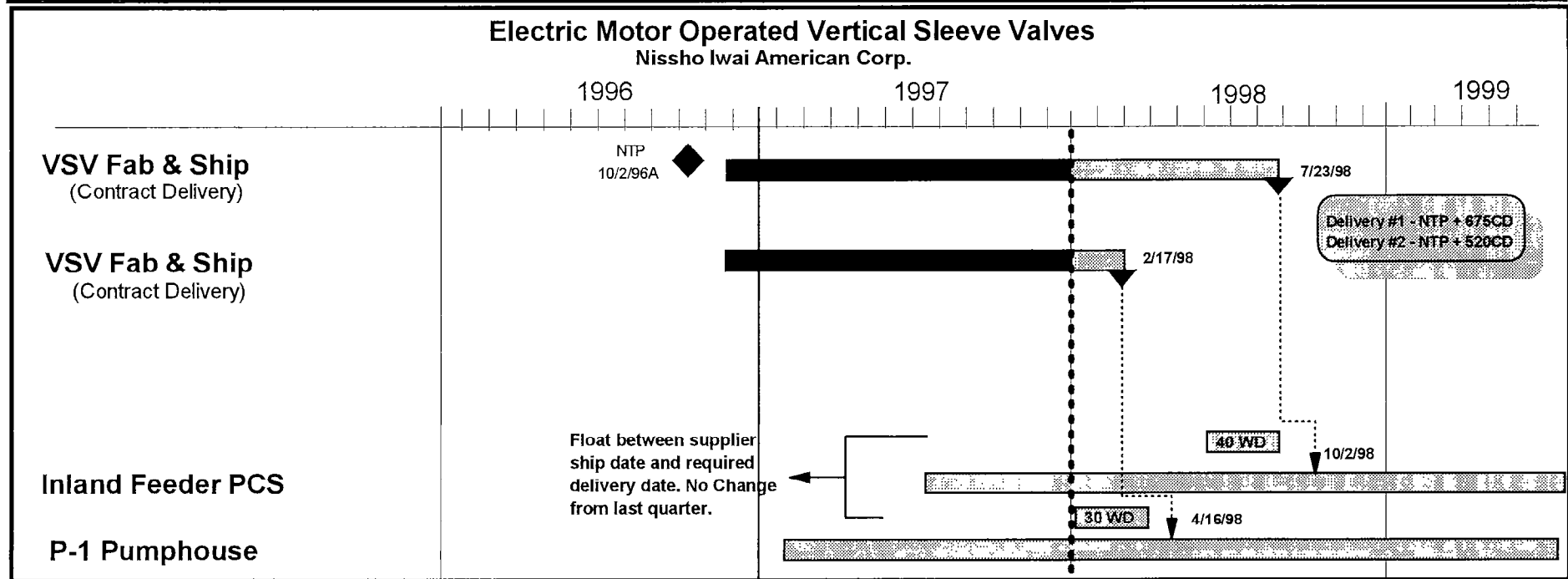
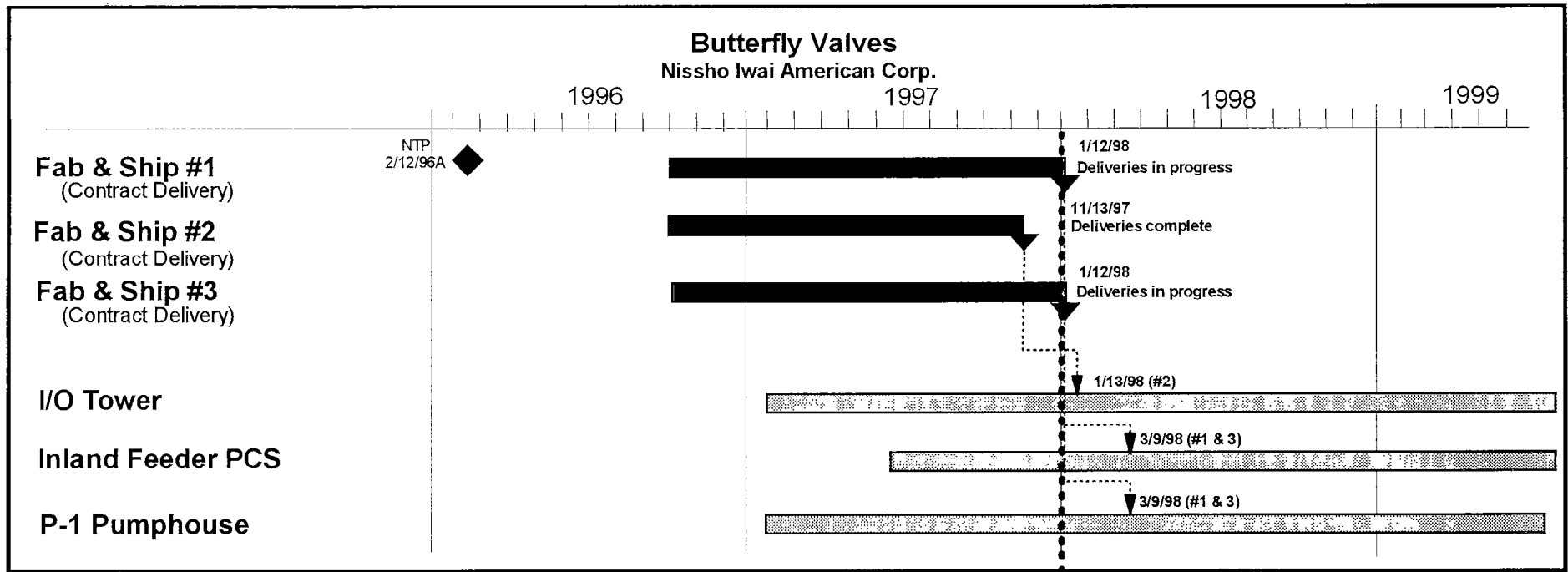












Upcoming Construction Packages

Description	Advertise	Constr. NTP	Comments
Secondary Inlet	11/6/97	3/17/98	100% design completed on 8/28/97.
Signal Spillway	n/a	n/a	Design completed. Under review by DSOD.
North Rim Remediation	11/25/97	4/28/98	100% design to completed 10/10/97.
Recreation	11/9/98	4/28/99	Work scopes for each business unit are in preparation. Letter of Intent, RFQ, and RFP process to be initiated after Board action on MTBE/Body Contact issues in April 1998

Completed Construction Contracts

(Finish Dates)

Vegetation Clearing (2 Contracts) 3/31/93 - San Diego Canal Relocation 3/18/94 - Field Office 12/7/94
 Temporary Visitor Center 6/25/95 - High Water Road 3/31/95 - San Diego Canal Demolition 4/24/95
 West Dam Foundation & Excavation 1/26/96 - East Newport Road Relocation 6/7/96
 Landscape Screening (Win/State) 6/17/96 - East Dam Excavation 7/8/96 - Northwest Access Road 2/28/97
 Eastside Pipeline 4/21/97 - Landscape Screening (Dom Pkwy) 8/25/97 - P-1 Fabricated Fittings 9/5/97



MBE/WBE Participation

Description	% Participation Attained		% Contract Funds Expended	Comments
	WBE*	MBE*		
West, Saddle Dams & Forebay	83.4%	43.3%	58.0%	
P-1 Pressure Tunnel	78.1%	58.0%	63.0%	
East Dam Embankment	35.3%	20.9%	54.0%	MBE work scheduled near end of contract
P-1 Pumphouse	27.0%	0.2%	22.0%	MBE& WBE scheduled near end of contract
I/O Tower	15.0%	4.9%	8.0%	
PC-1 Pressure Control Structure	00.0%	00.0%	2.0%	MBE& WBE scheduled near end of contract
Southern California Associates (CM)	78.3%	97.7%	86.7%	

* Subcontractor Percent of Goal Complete

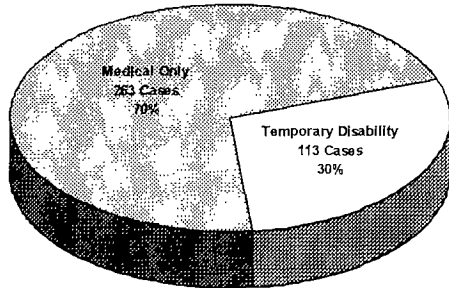
Community Relations

	ATTENDEES	NUMBER OF EVENTS	CALLERS
Public Affairs			Toll-Free Telehone Line 353
Inspection Trips		10	Brochures Requested 8
Tours / Events	699	23	Added to Mailing List 7
Speakers Bureau	1107	18	Construction Information 76
Government Relations			Project Description 76
Presentations		5	Construction Program 57
Helicopter Tours	20	8	Recreation 56
Visitor Center	13,188		Specific Info Requests 26
			Archaeology 12
			Multi-Species Reserve 7



Total Claims

through December 31, 1997



FIRST AID STATION THIS QUARTER

First Aid Cases: 31
 Industrial Case Referrals: 16
 Follow-up Visits: 33
 Non-Industrial Cases: 19
 Post Accident Drug Screens: 11

CASES
 Total: 376
 Open: 114
 Closed: 262

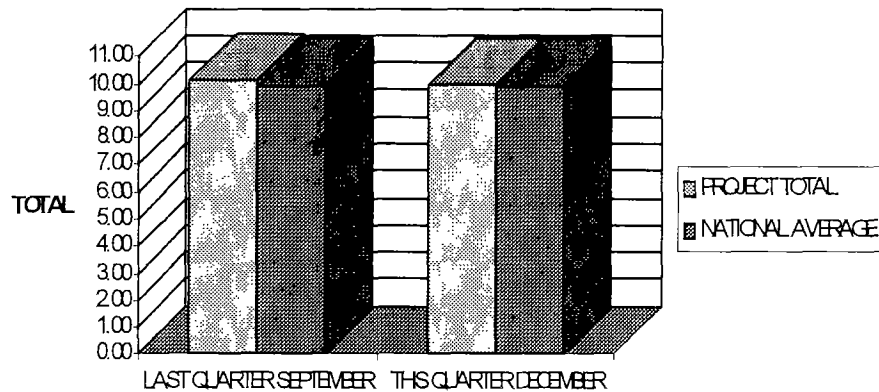
Claims Costs Through December 1997

	Sep. 1997	Dec. 1997
TOTAL PAID CLOSED CASES	\$259,138	\$433,189
AVERAGE PER CASE	\$1,185	\$1,653 *
TOTAL PAID OPEN CASES	\$1,265,030	\$1,626,973 **
AVERAGE PER CASE	\$12,525	\$14,271

* California Workers' Compensation Institute 5/6/97 report indicates an average cost for closed claims was \$5,003 in 1994

** Ongoing cases for medical disability.

Total Incident Rates



Lost Time Incident Rates

