



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

9-8

April 28, 1998

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

From: *for* General Manager

Edward S. Mees III

Submitted by: *ju* Chief Engineer

Larry Hazel

Subject: Quarterly Project Status Report for the Eastside Reservoir Project – January through March 1998

RECOMMENDATION

For information only.

EXECUTIVE SUMMARY

The nineteenth quarterly Project Status Report for the Eastside Reservoir Project is provided as an Executive Summary, highlighting significant items of progress during the quarter ending March 31, 1998, 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 award of the Secondary Inlet and the North Rim Remediation to J. F. Shea Co. Inc. Remaining contracts to be awarded are the Signal Spillway, Site Completion and Paving, Fencing, and Recreation Facilities.

The West Dam, Saddle Dam, and Forebay contractor, Atkinson-Washington-Zachry(AWZ), completed grouting operations, and began lining the Forebay. The dam embankment is 20 feet above the original ground elevation and AWZ's forecasted completion remains October 1999. The East Dam contractor, Kiewit-Granite, continued to experience delays in cutoff wall operations; however, the addition of drill rigs increased the rate of production at the end of this quarter. Grouting operations started out very slowly, but recently high rates of production have been reached. The current forecast is for this contract to complete by December 1999. The P-1 Pressure Tunnel contractor, AWZ, achieved significant progress during this period. Installation of the tunnel liner is nearly complete and work is forecasted to complete ahead of schedule. The P-1 Pumping Plant contractor, Advanco Constructors, made significant progress in the pouring and placement of foundations and concrete structures, embedded conduits, and pipe installations. A

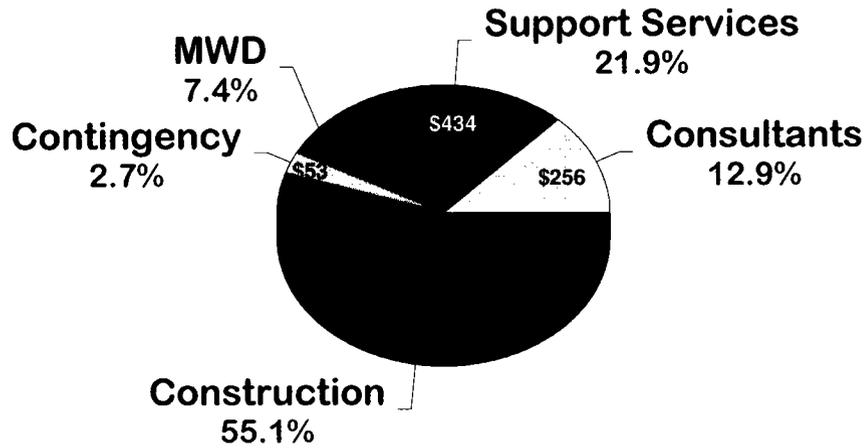
major portion of the Metropolitan Furnished Equipment has been delivered to the site. Contractor is scheduled to complete in July 1999. The Inlet/Outlet Tower contractor, AWZ, experienced a suspension of mass structural concrete placement due to high heat hydration. The problem has been resolved and concrete placement production has greatly increased. AWZ forecasted completion is January 2000 however workaround schedules are being explored to advance this date. The Pressure Control Structure contractor, Advanco Constructors, is well under way and proceeding on schedule. Work is forecast to complete by October 1999.

The Secondary Inlet contract and the North Rim Remediation contract were awarded this period. Both contracts were awarded to J. F. Shea co. Inc. The Notice to Proceed is to be issued during the next quarter.

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Attachment(s)

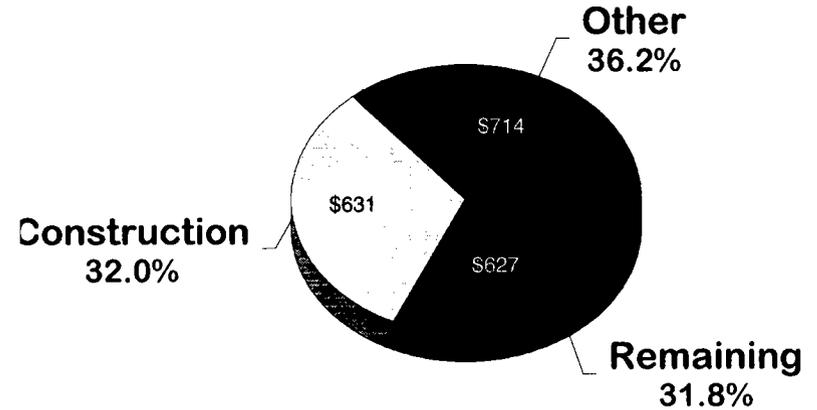
Project Budget

\$1,972,100,000

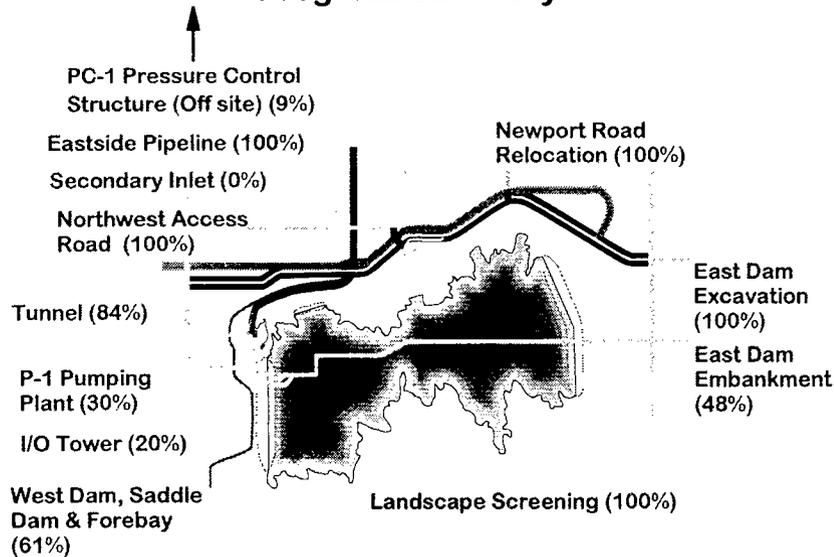


Project Expenditures

(\$1,972,100,000)

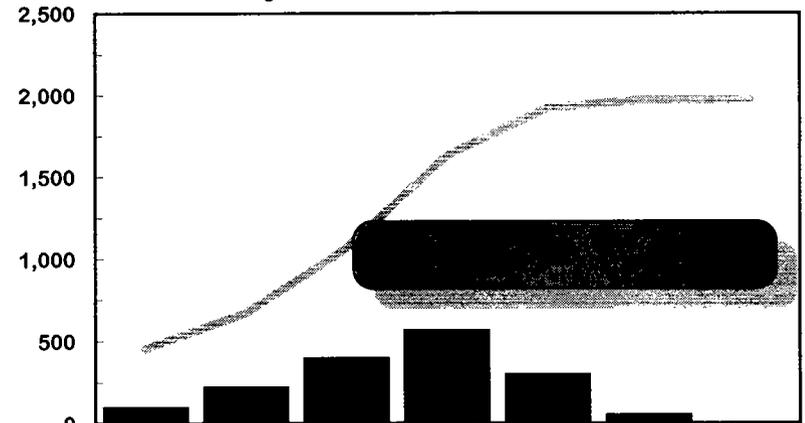


Progress Summary



Project Cash Flow

\$ Millions



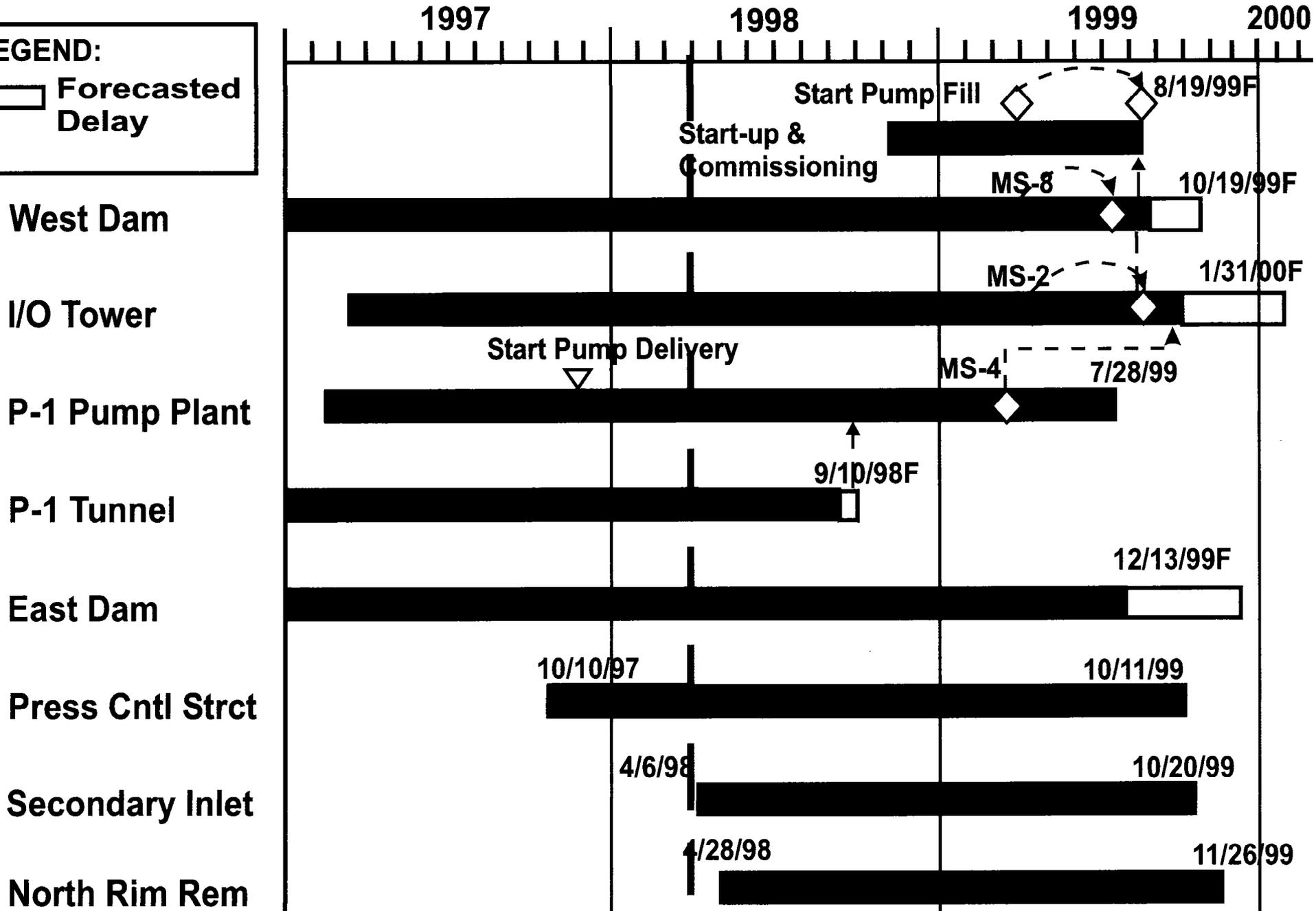
	Act - Jun 95	Act - Jun 96	Act - Jun 97	97/98	98/99	99/00	00/01
■ Increment	93.2	217.6	393.9	562.6	293.2	49.3	0.9
▨ Cumulative	454.6	672.2	1066.1	1628.7	1921.9	1971.2	1972.1



Construction Schedule

LEGEND:

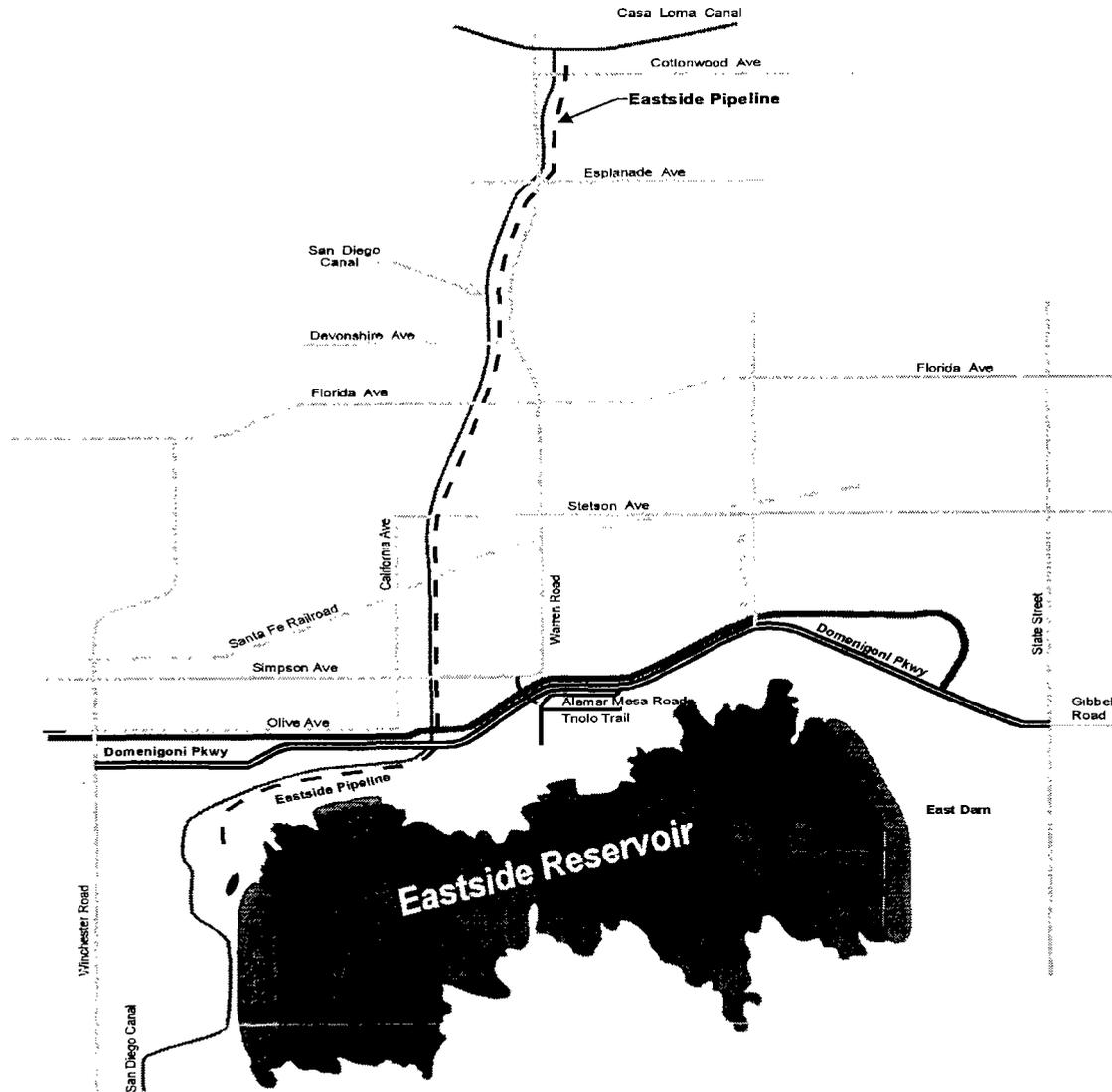
 **Forecasted Delay**
 **Actual Construction**





Eastside Reservoir Project

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



Quarterly Status Report

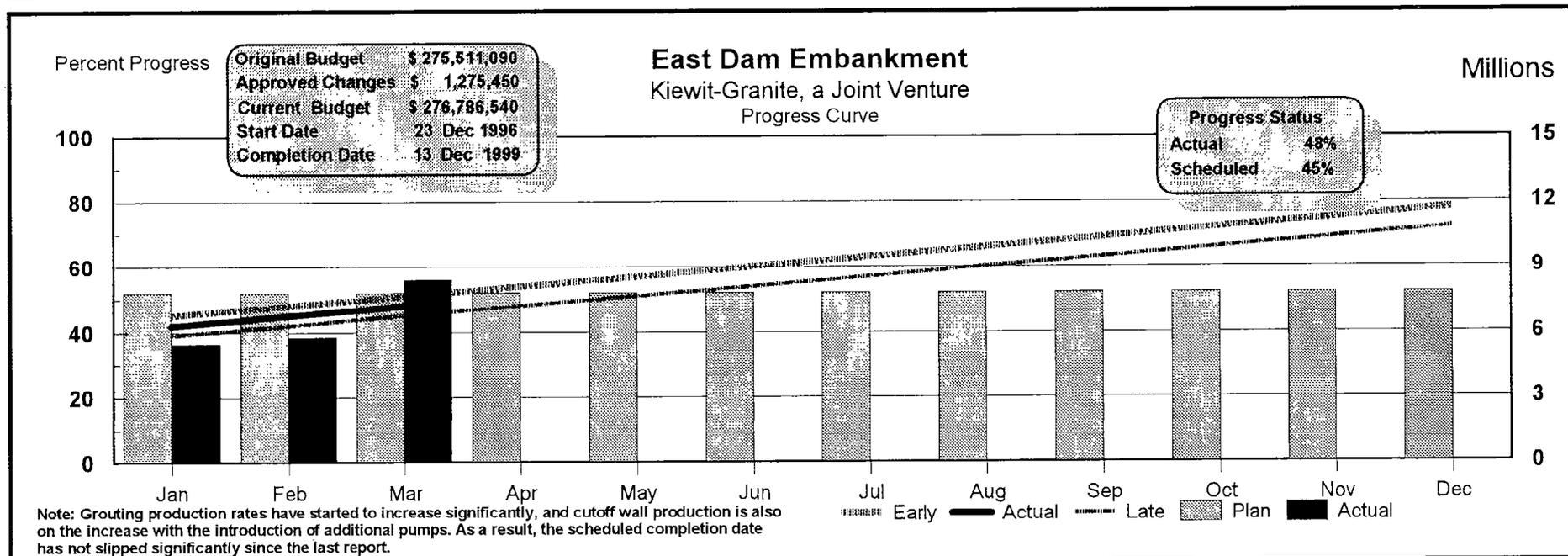
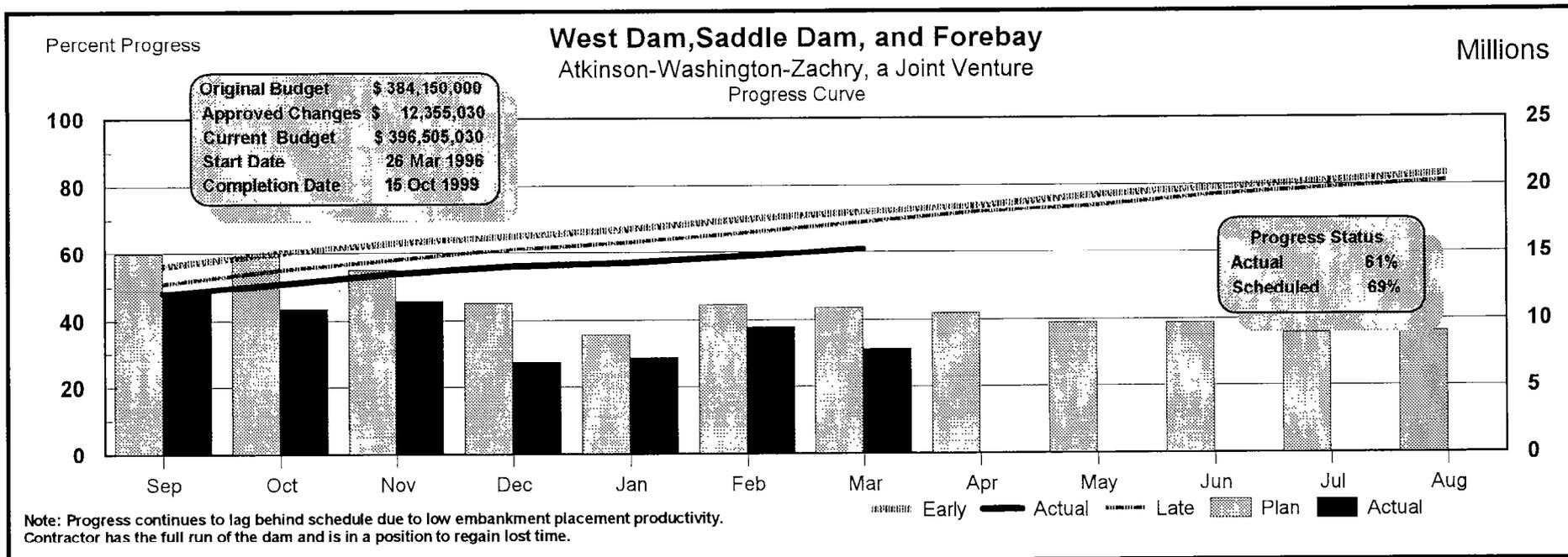
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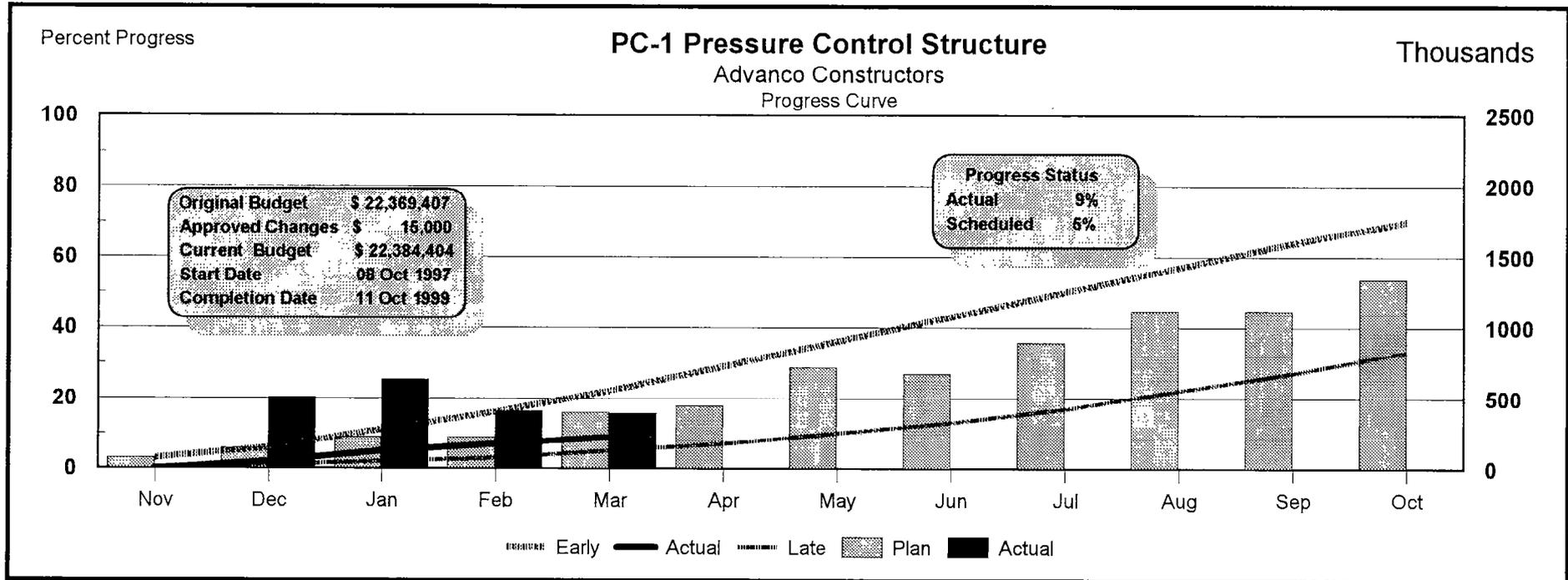
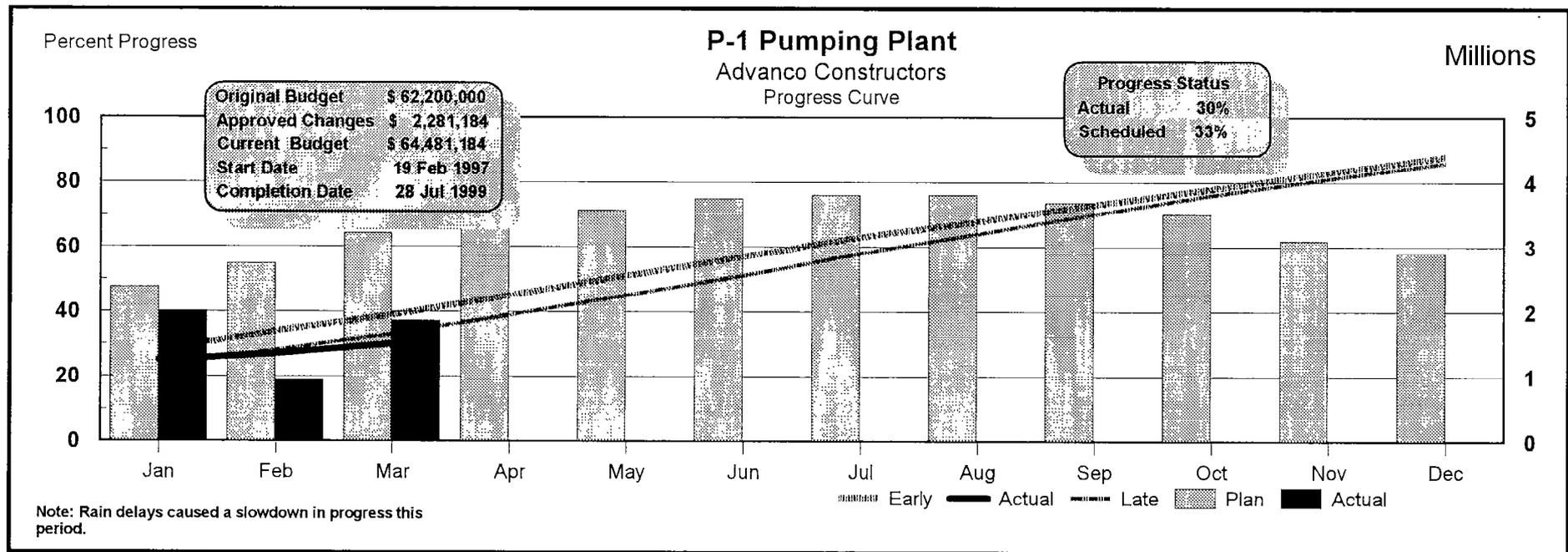
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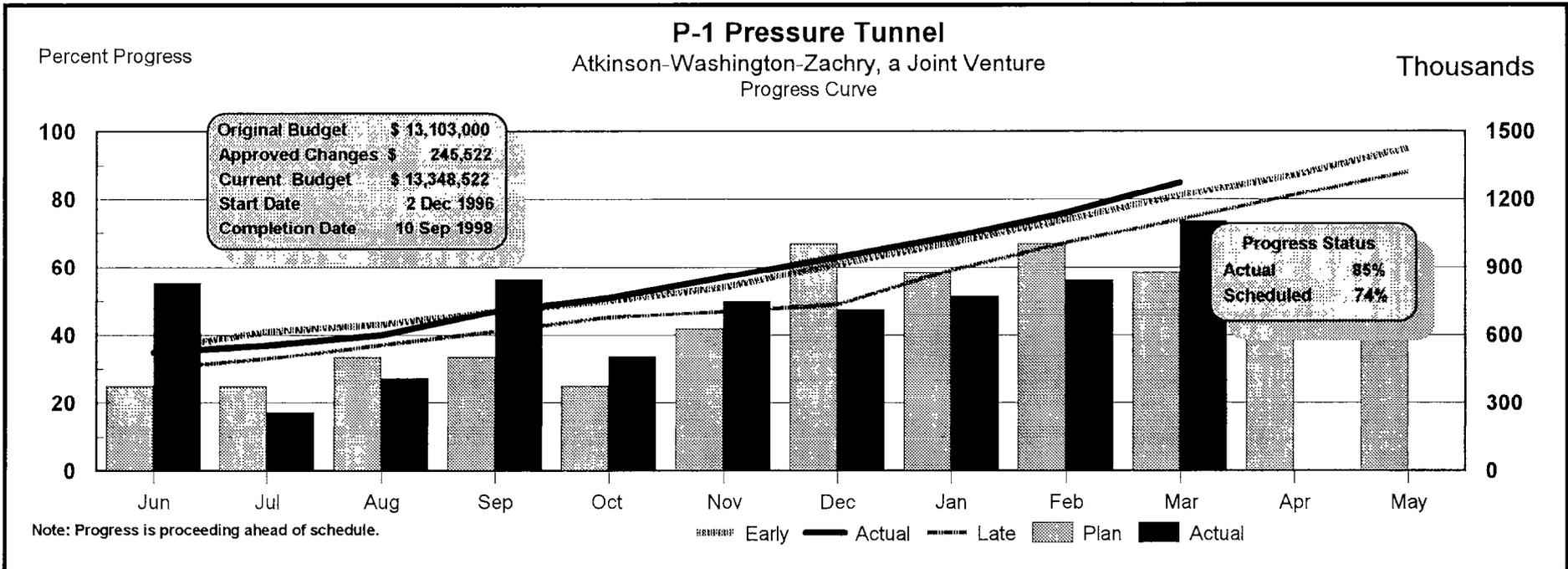
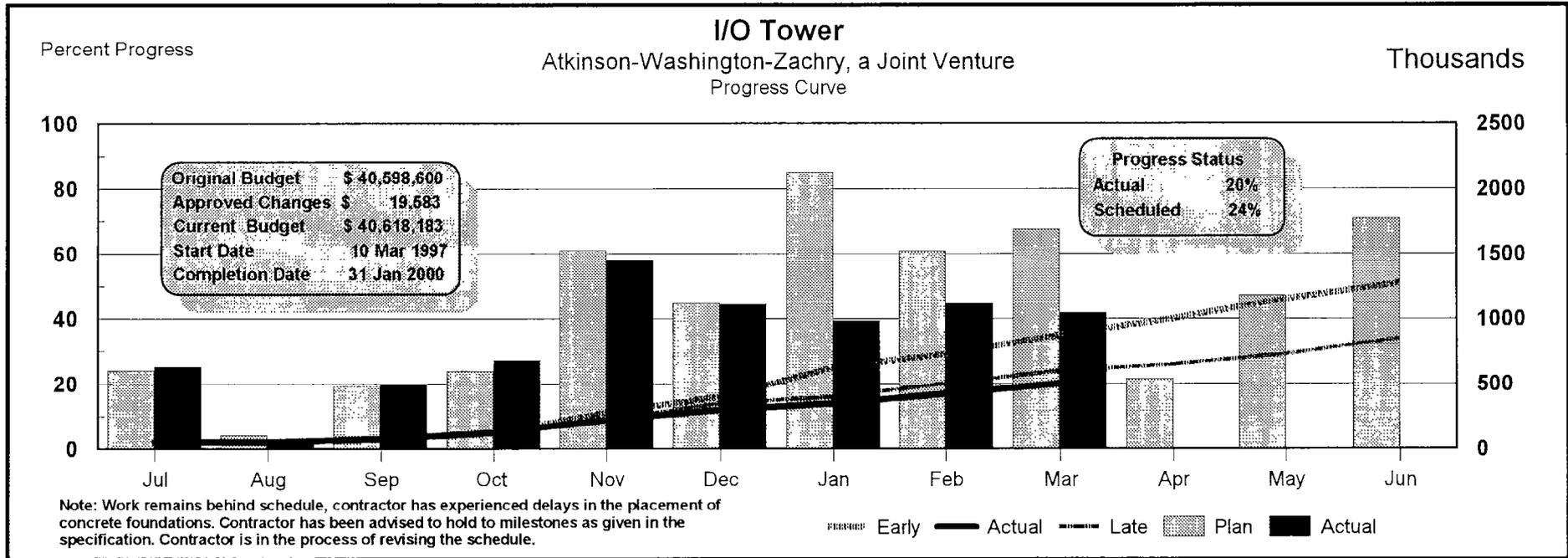
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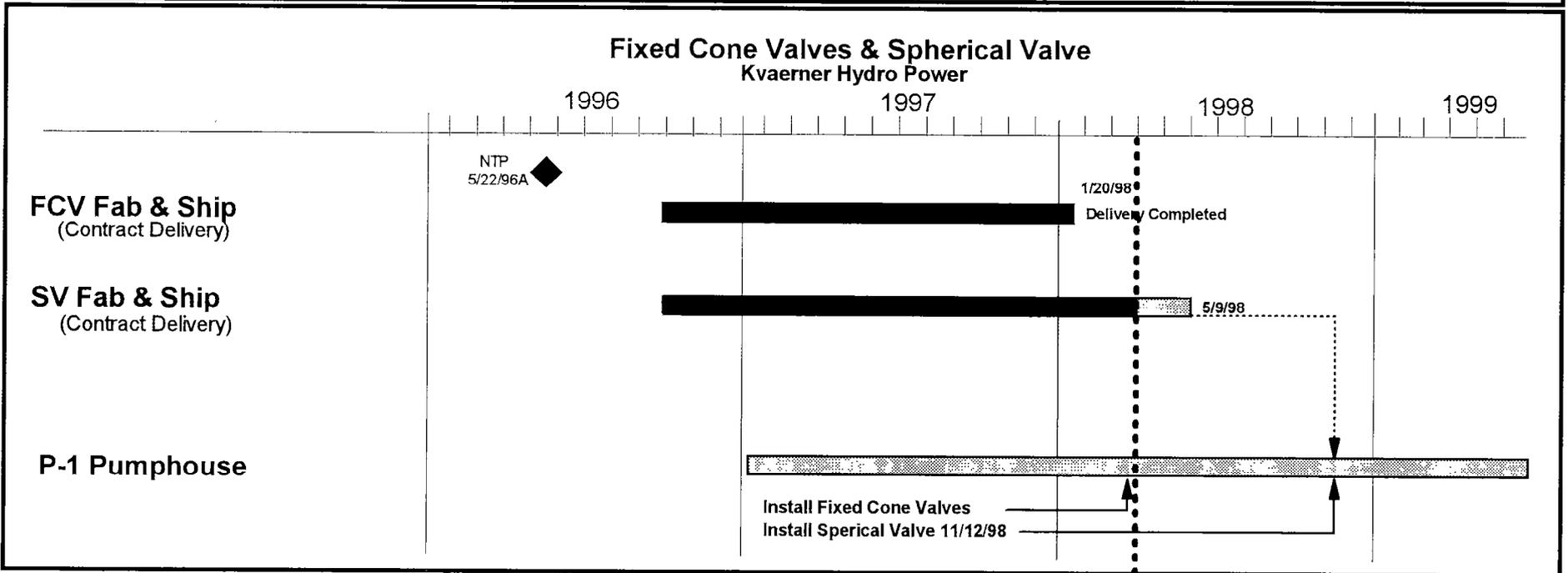
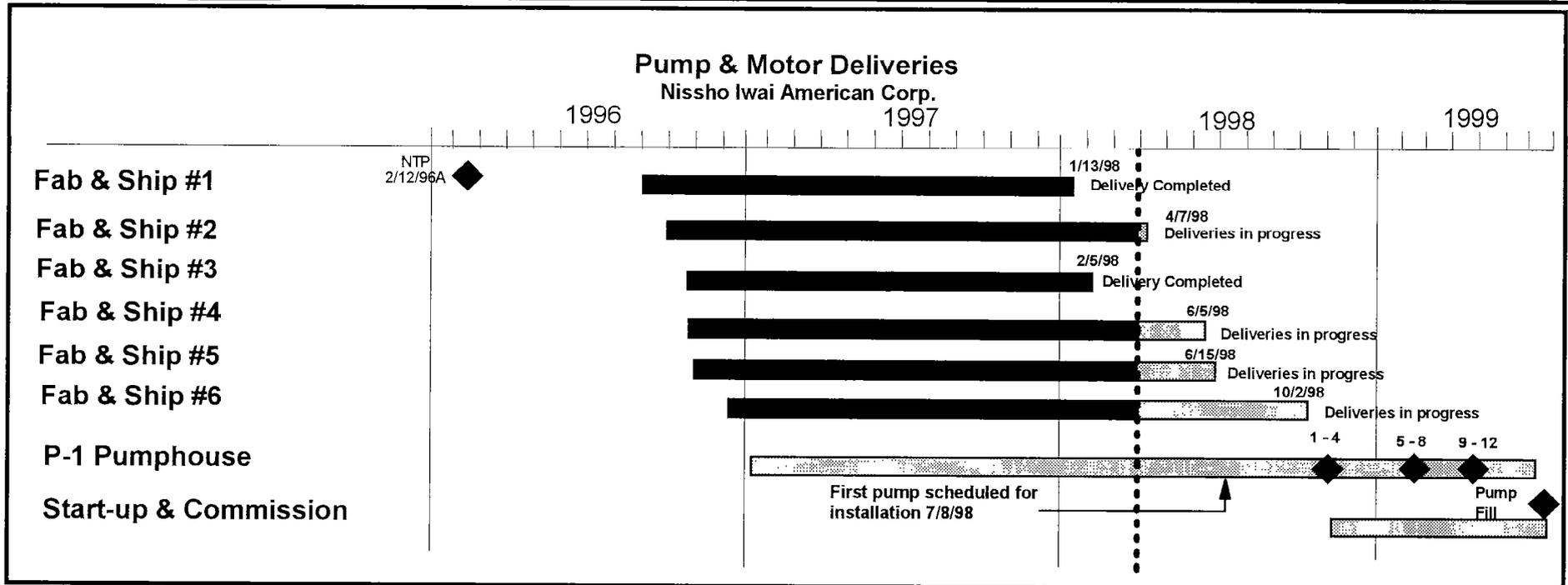
Executive Summary

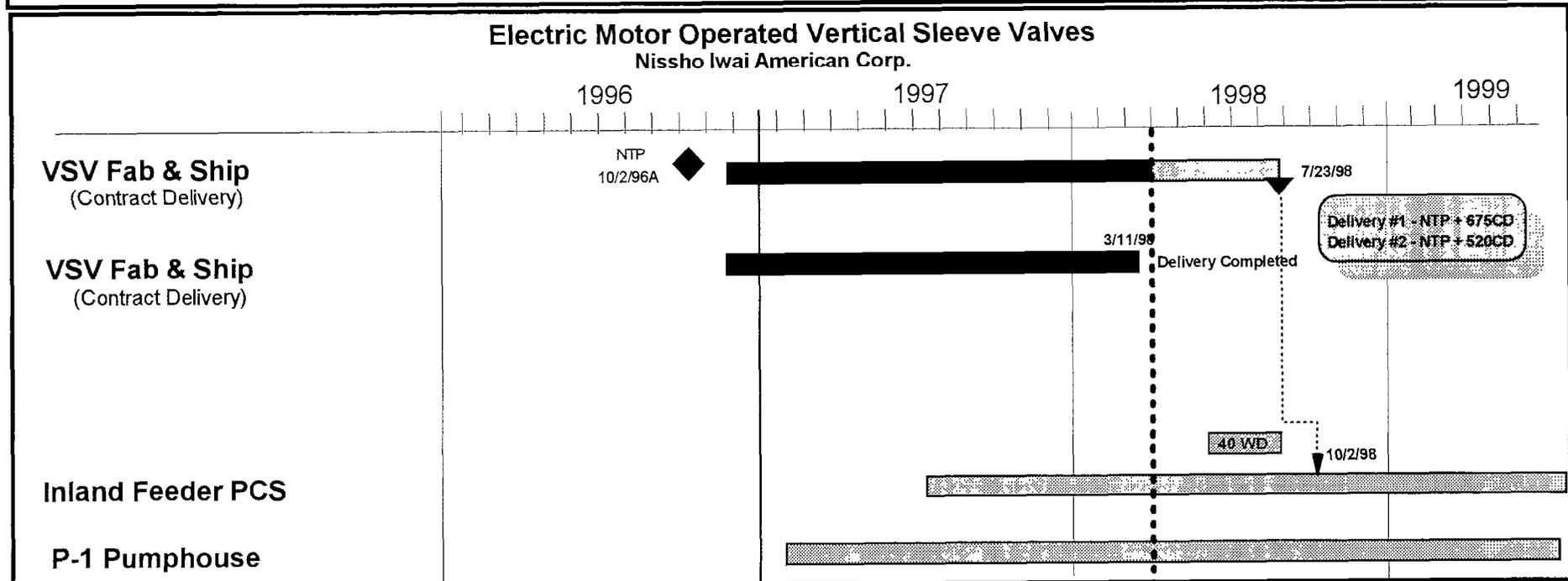
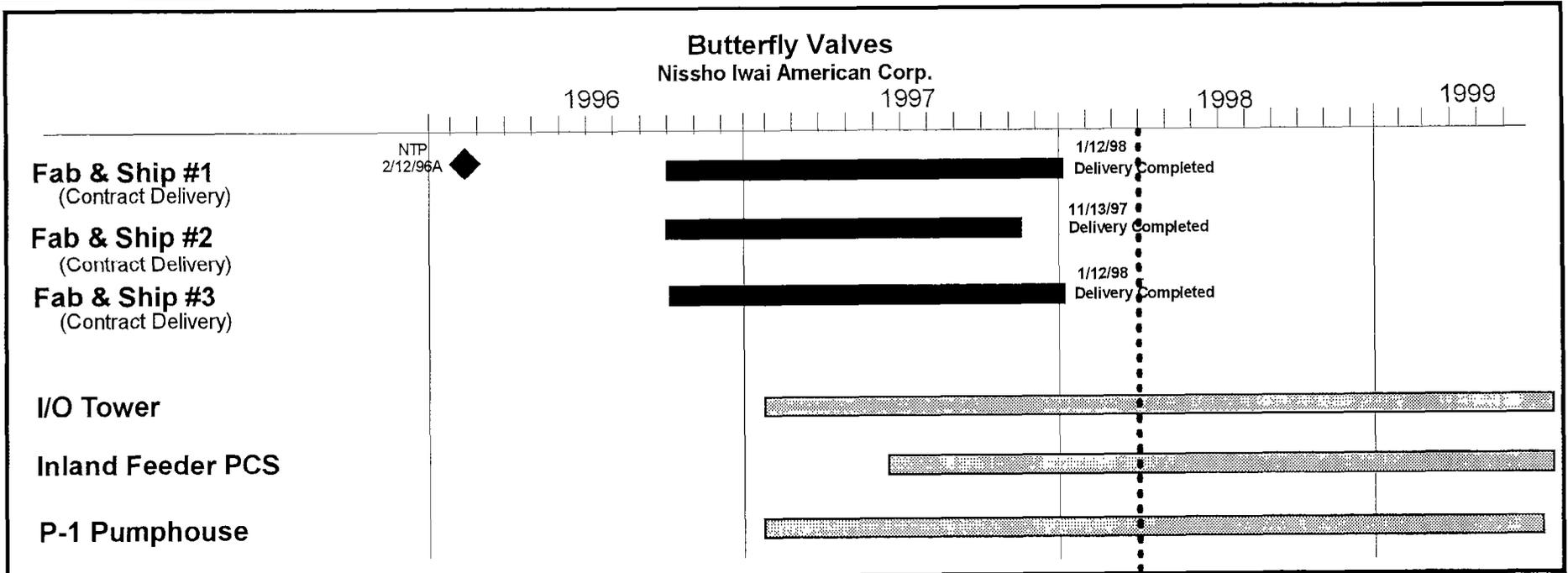
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Upcoming Construction Packages

Description	Advertise	Constr. NTP	Comments
Secondary Inlet	11/6/97	4/6/98	Contract has been awarded
North Rim Remediation	11/25/97	4/28/98	Contract has been awarded
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
 Butterfly Valves 1/15/98



MBE/WBE Participation

Description	% Participation Attained		% Contract Funds Expended	Comments
	WBE*	MBE*		
West, Saddle Dams & Forebay	94.3%	47.5%	61.0%	
P-1 Pressure Tunnel	87.4%	59.2%	84.0%	
East Dam Embankment	43.2%	40.3%	64.0%	MBE work scheduled near end of contract
P-1 Pumphouse	41.60%	1.2%	30.0%	MBE& WBE scheduled near end of contract
I/O Tower	22.5%	16.3%	20.0%	
PC-1 Pressure Control Structure	00.0%	16.3%	9.0%	MBE& WBE scheduled near end of contract
Southern California Associates (CM)	65.1%	79.2%	64.0%	

* Subcontractor Percent of Goal Complete

Community Relations

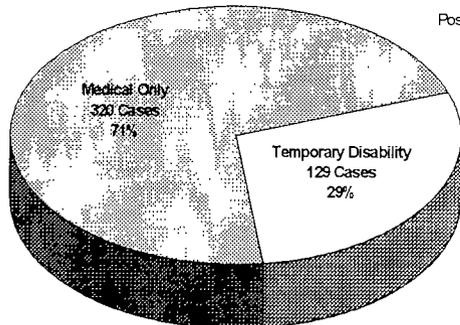
	NUMBER OF			CALLERS
	ATTENDEES	EVENTS		
Public Affairs			Toll-Free Telephone Line	84
Inspection Trips		14	Brochures Requested	3
Tours / Events	811	35	Added to Mailing List	1
Speakers Bureau	410	14	Construction Information	21
Government Relations			Project Description	14
Presentations		3	Construction Program	12
Helicopter Tours	2	1	Recreation	8
Visitor Center	15,121		Specific Info Requests	6
			Archaeology	4
			Multi-Species Reserve	0



Total Claims Through March 31, 1998

FIRST AID STATION (CURRENT MONTH)

First Aid Cases: 36
 Industrial Case Referrals: 19
 Follow-up Visits: 34
 Non-Industrial Cases: 21
 Post Accident Drug Screens: 18



CASES
 Total: 449
 Open: 133
 Closed: 316

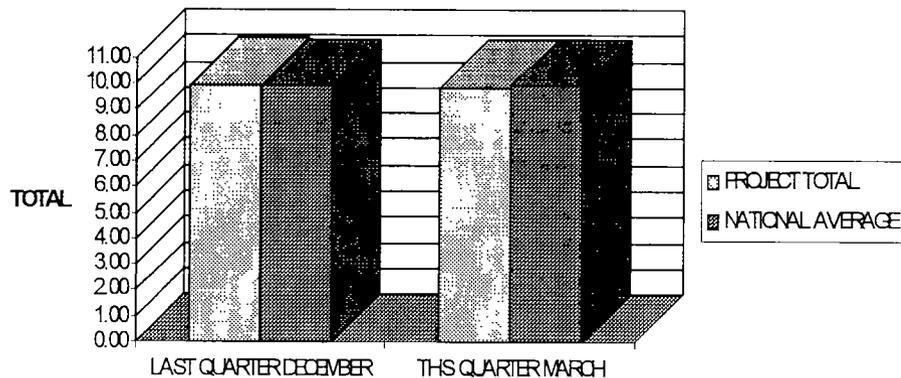
Claims Costs Through March 1998

	Dec. 1997	Mar. 1998
TOTAL PAID CLOSED CASES	\$433,189	\$588,807
AVERAGE PER CASE	\$1,653	\$1,863 *
TOTAL PAID OPEN CASES	\$1,626,973	\$2,224,979 **
AVERAGE PER CASE	\$14,721	\$16,729

* 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

