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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MAR 12 1996

8-4

Diana Chin
for EXECUTIVE SECRETARY

February 27, 1996

To: Board of Directors (Finance and Insurance Committee--Action)
(Engineering and Operations Committee--Action)
(Organization and Personnel Committee--Action)

From: General Manager

Submitted by: Gary M. Snyder, Chief Engineer

Walter Horn
Gary M. Snyder

Subject: Authorization No. 25 to Increase Appropriation No. 560 by \$390,000 from \$1,201,310,000 to \$1,201,700,000 to Expend Budgeted Funds to Amend Agreement No. 4673 with the County of Riverside for Survey and Inspection Services for the Newport Road Relocation and Salt Creek Channel Improvements for the Eastside Reservoir Project.

RECOMMENDATION(S)

It is recommended that your Board authorize an increase of \$390,000 from \$1,201,310,000 to a total of \$1,201,700,000 in Appropriation No. 560 from the 1995 Revenue Bond Construction Fund, to finance budgeted costs for Survey and Inspection Services for the Newport Road Relocation and Salt Creek Channel Improvements.

It is recommended that the General Manager be authorized to amend Agreement No. 4673 with the County of Riverside to increase the maximum amount payable from \$1,082,000 to \$1,472,000, including expenses, to provide additional Survey and Inspection Services for the Newport Road Relocation and Salt Creek Channel Improvements.

EXECUTIVE SUMMARY

The subject agreement with the County of Riverside applies to the Newport Road Relocation and Salt Creek Channel Improvements. The estimated cost for survey and inspection services under this agreement was \$1,082,000. Construction is still ongoing and \$926,998 has been expended to date for the survey and inspection services. This letter recommends increasing the appropriation and agreement to cover all remaining costs for survey and inspection services of the Newport Road Relocation and Salt Creek Channel Improvements.

BRIEF DESCRIPTION

The original agreement was for design review and construction inspection services for the Newport Road Relocation. The maximum amount payable was \$500,000. In January 1995, Agreement No. 4673 was amended to reflect the inclusion of construction survey work for the Newport Road Relocation and the Salt Creek Channel Improvements, and construction inspections services for the Salt Creek Channel. The maximum amount payable was increased to \$1,082,000.

It is proposed that Agreement No. 4673 be amended to cover the additional cost of Riverside County survey and construction inspection support consistent with Metropolitan standards for extending Salt Creek Channel westerly of Highway 79, improvements to Alamar Mesa Drive, Old Mine Road, and Triola Trail, expanded utility relocation, and a time extension on the construction contract.

A \$390,000 increase in Appropriation No. 560 is required to finance the budgeted costs for additional survey and inspection work for the Newport Road Relocation (see Attachment C). The total estimated cost of the Eastside Reservoir Project (ESRP) is \$1,972,100,000 (see Attachment A).

<p>Contract Type</p> <p><input type="checkbox"/> New</p> <p><input checked="" type="checkbox"/> Amended</p> <p>Contract Form</p> <p><input type="checkbox"/> Lease</p> <p><input checked="" type="checkbox"/> Professional Services</p> <p><input type="checkbox"/> Construction</p>	<p>Funding</p> <p><input checked="" type="checkbox"/> Capital-Appropriation No. 560</p> <p><input type="checkbox"/> O & M</p> <p>Budget Status</p> <p><input checked="" type="checkbox"/> FY 95-96 Amount \$226,490,400</p> <p><input checked="" type="checkbox"/> Out-Year Amount \$1,273,592,900</p> <p><input type="checkbox"/> Non-Budget Amount</p>	<p>Type of Competition</p> <p><input checked="" type="checkbox"/> Amendment to Agreement No. 4673</p> <p><input type="checkbox"/> Negotiated Contract</p> <p><input type="checkbox"/> Sole Source</p>
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PURPOSE/BACKGROUND

The improvements to Salt Creek Channel west of Highway 79 will improve drainage and increase the value of Metropolitan-owned property as well as other privately owned property in the area. These improvements provide 100-year flood protection to the Relocated Newport Road which is required in order to be accepted into the County roadway system. Improvements to Alamar Mesa Drive, Old Mine Road, and Triola Trail serve to mitigate the concerns of the Alamar Mesa Community regarding the construction of Newport Road. The County staff is being used for the construction surveying and inspection support services to avoid having both Metropolitan and the County inspect the road, foster good working relations, and facilitate acceptance of the roadway by the County.

ACTION(S) AND MILESTONE(S)

Construction of the Newport Road and Salt Creek Channel Improvements will be completed in May 1996.

MBE/WBE

The County of Riverside is an Equal Opportunity Employer. Affirmative Action Plan is on file with Metropolitan.

CEQA COMPLIANCE/ENVIRONMENTAL DOCUMENTATION

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. In October 1991, your Board certified the Final Environmental Impact Report for ESRP. This action satisfied the provisions of CEQA, and no further environmental documentation or reviews are necessary for your Board to take action on this recommendation.

FISCAL STATEMENT
Eastside Reservoir and Related Facilities
(Program No.5-5600-11)

Project Summary:

	Current Budget	Total Appropriation
Planning	15,000,000	15,000,000
Land*	334,000,000	334,000,000
Mitigation*	32,681,000	32,681,000
Design	120,450,000	120,450,000
Construction	1,300,936,000	636,955,553
Recreation	33,000,000	
Contingency	136,033,000	62,613,447
TOTAL	\$ 1,972,100,000	\$ 1,201,700,000

* Land costs include \$28.3 million for land purchases at the Santa Rosa Plateau and Shipley Reserve which when added to non-real estate mitigation costs of \$32.7 million results in a total mitigation value of \$61million.

The total cost breakdowns for Authorization Nos. 24 and 25 to Appropriation No, 560 are shown below:

	AUTHORIZATION NO. 24	AUTHORIZATION NO. 25
Construction	508,004,874	508,004,874
Labor:		
Preliminary Engineering, Final Engineering, and Preparation of Specifications	26,878,000	26,878,000
Post Design	858,000	858,000
Contract Administration		
Inspection and Survey	18,658,000	18,658,000
Labor Subtotal	46,394,000	46,394,000
Materials and Supplies	38,427,000	38,427,000
Right of Way Acquisition	303,500,000	303,500,000
Incidental Expenses	17,467,000	17,467,000
Professional Services	203,922,000	204,312,000
Operating Equipment Use	1,480,000	1,480,000
Administrative Overhead	23,122,000	23,122,000
Contingencies	62,613,447	62,613,447
Reimbursable from Agencies	-3,620,321	-3,620,321
TOTAL	\$1,201,310,000	\$1,201,700,000

Fiscal Statement
(Program No. 5-5600-11)

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Attachment A

Estimated Funds Required:

REVISION	DATE	AMOUNT
Initial	June 27, 1988	8,300,000
Revision No.1	November 1, 1989	5,000,000
Revision No.2	May 2, 1989	45,000,000
Revision No.3	November 27, 1990	20,000,000
Revision No.4	February 19, 1991	15,600,000
Revision No.5	March 26, 1991	12,000,000
Revision No.6	September 24, 1991	189,100,000
Revision No.7	January 22, 1993	12,300,000
Revision No.8	September 17, 1993	112,000,000
Revision No.9	October 21, 1993	1,670,000
Revision No.10	June 28, 1994	987,000
Revision No.11	July 18, 1994	952,000
Revision No.12	July 25, 1994	19,621,000
Revision No.13	November 29, 1994	94,100,000
Revision No.14	December 23, 1994	56,758,000
Revision No.15	December 23, 1994	22,331,000
Authorization No.16	February 7, 1995	59,500,000
Authorization No.17	February 7, 1995	23,319,000
Authorization No.18	May 8, 1995	9,977,000
Authorization No.19	November 14, 1995	540,000
Authorization No.20	December 26, 1995	4,500,000
Authorization No.21	December 26, 1995	440,945,000
Authorization No.22	December 26, 1995	29,400,000
Authorization No.23	December 26, 1995	15,250,000
Authorization No.24	January 30, 1996	2,160,000
Authorization No.25	February 27, 1996	390,000
Remaining		770,385,000
TOTAL		\$ 1,972,100,000

Source of Funds:

1995 Revenue Bond Construction Fund

Class One:

Projects directly related to delivery of water.

Fiscal Statement
(Program No. 5-5600-11)

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Attachment A

Projected Expenditures of Funds:

Through	Fiscal Year 1992/93	\$247,560,800
	Fiscal Year 1993/94	\$110,128,200
	Fiscal Year 1994/95	\$96,920,800
	Fiscal Year 1995/96	\$256,091,500
	Fiscal Year 1996/97	\$279,358,700
	Fiscal Year 1997/98	\$696,331,800
	Fiscal Year 1998/99	\$258,140,700
	Fiscal Year 1999/2000	\$25,784,500
	Fiscal Year 2000/2001	\$1,783,000
	TOTAL.....	<u>\$1,972,100,000</u>

Attachment B

FEE SCHEDULE

Personnel fee schedule for Riverside County Inspection Services:

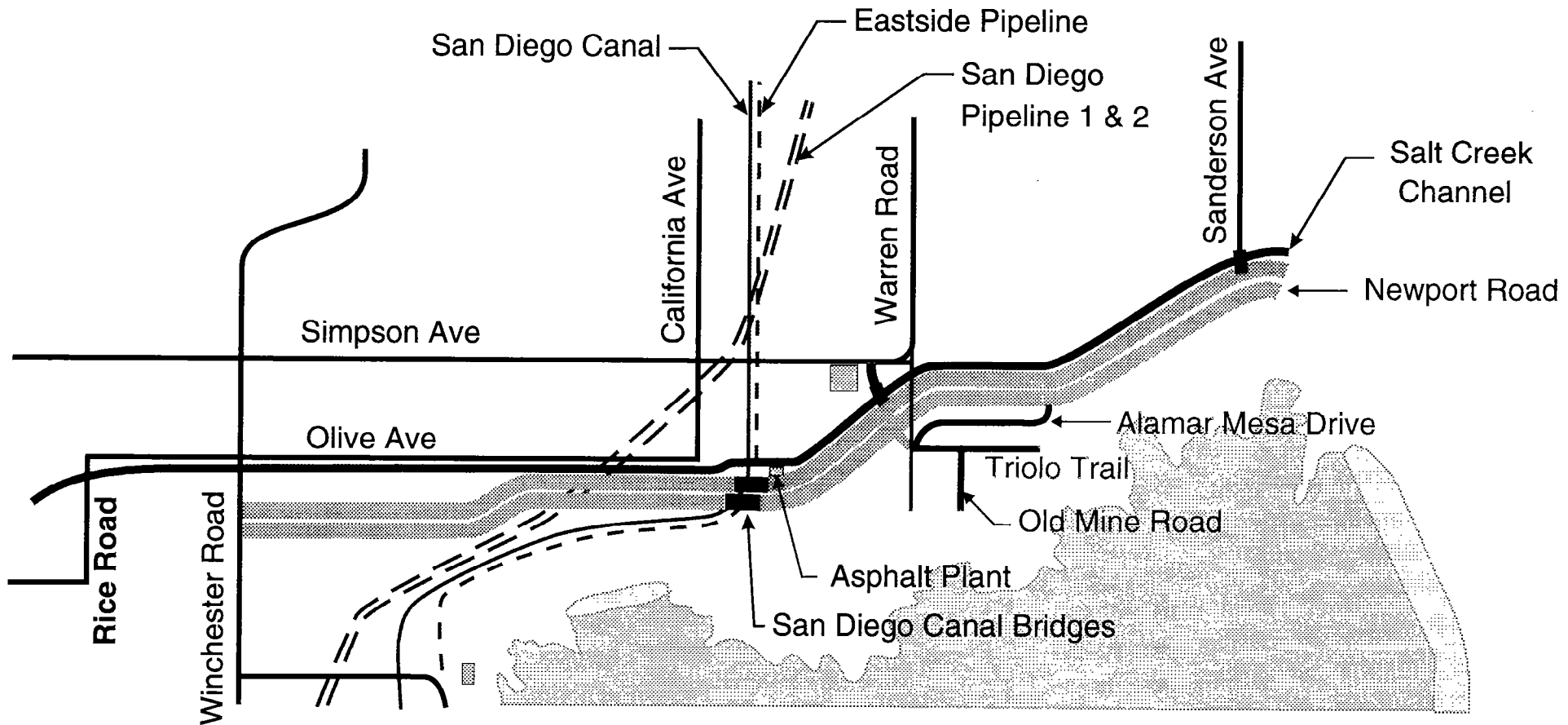
Supervising Land Surveyer	\$82.44 per Hour
Senior Land Surveyor	\$72.11 per Hour
Party Chief (Registered)	\$60.76 per Hour
Party Chief	\$57.60 per Hour
Principal Survey Technician	\$48.25 per Hour
Survey Instrument Technician	\$46.00 per Hour
Survey Technican	\$38.95 per Hour
Engineering Aid	\$32.30 per Hour

COST SUMMARY

Cost breakdown for Riverside County Survey and Inspection Services:

Transportation Inspection	12,416
Transportation Survey	338,622
Contingency	38,962
Total Cost Increase	390,000

Newport Road and Salt Creek Channel



Red indicates an increase in work scope