



OTAY WATER DISTRICT
Capital Improvement Program
Budget
Fiscal Year 2008-2013



*Spring Valley,
California*



**ADOPTED
CAPITAL BUDGET
FISCAL YEARS 2008-2013**

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ADOPTED CAPITAL IMPROVEMENT PROGRAM BUDGET FISCAL YEARS 2008-2013

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...Dedicated to Community Service

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TELEPHONE: 670-2222, AREA CODE 619

September 1, 2007

Honorable Board of Directors
Otay Water District

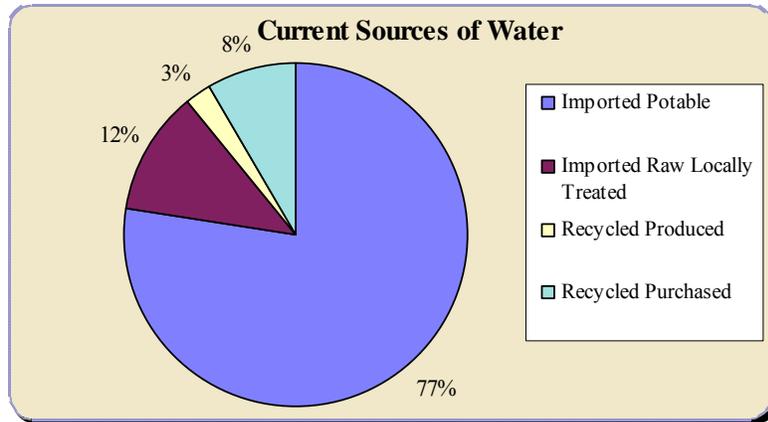
I am pleased to present the Otay Water District Adopted Operating and Capital Budget for Fiscal Year 2007-08. With the District's mission to provide safe and reliable potable and recycled water and sewer services, there is an emphasis on water resources, system reliability, and new maintenance requirements. This year's budget establishes the management plan to finance all of the District's services and programs during the 2008 Fiscal Year.

The District was formed in 1956 to serve as a public water and sewer agency, authorized as a California special district by the State Legislature under the provisions of the Municipal Water District Act of 1911. Its ordinances, policies, taxes, and rates for service are set by five Directors, elected by voters in their respective divisions, to serve staggered four-year terms on its Governing Board. The District is a "revenue neutral" public agency, meaning that each end-user pays his or her fair share of the District's costs of water acquisition and the operation and maintenance of the public water and sewer facilities.



Since the District was formed in 1956, it has grown from a handful of customers and two employees to become an organization operating a network with more than 763 miles of pipelines, 42 reservoirs, a sewer treatment plant, and now owns and operates one of the largest recycled water distribution networks in San Diego County. The character of the service area has also changed from predominantly dry-land farming and cattle ranching, to businesses, high-tech industries, and large master-planned communities.

Today, the District provides water service to nearly 47,030 potable and 585 recycled customers within approximately 125 square miles of southeastern San Diego County. In the past, all of the potable water purchased by the District was purchased from the San Diego County Water Authority (CWA) who in turn purchases water from the region's water importer, the Metropolitan Water District of Southern California. Last year, the District began purchasing raw water from CWA. The Otay Water District contracted with the City of San Diego to treat this raw water giving the District a new source of potable water. There are ongoing negotiations with the City of San Diego to expand water treatment services in the future through a new connection. By taking raw water through CWA's system there is increased reliability of water supplied to the District.



The District also owns and operates a wastewater collection and recycling system to provide public sewer service to approximately 4,630 homes and businesses (or 6,620 Assigned Service Units) within portions of the communities of La Mesa, Rancho San Diego, El Cajon, Jamul, and Spring Valley. Recycled water from the Ralph W. Chapman Water Recycling

Facility (RWCWRF) is used to irrigate golf courses, schools, public parks, roadway landscapes, and various other approved uses in eastern Chula Vista. The RWCWRF project is capable of reclaiming wastewater at a rate of 1.3 million gallons per day.

On June 1, 2007, the District dedicated its new Supply Link Project connecting its recycled water system to San Diego's South Bay Water Reclamation Plant taking about six million gallons a day of recycled water for irrigation purposes; this allows more potable water to be available for human consumption. The purchase of this water allows the District to receive recycled financial incentives from both MWD and CWA which help to offset the investment in capital necessary to make this new source of water a reality.

BUDGET SUMMARY

For the first time in the District's history, the fiscal year budget exceeds \$100 million, with 2008 operating expenditures of \$66.2 million and capital expenditures of \$34.5 million. The District's goal is to provide the most effective and efficient service possible while maintaining affordability of the water supply for the community.

The District's operating expenditures are from its three major sectors: water, reclamation, and sewer. Revenues from potable and recycled water for Fiscal Year 2008 are projected to be \$63,361,100 about \$7.3 million (12.9%) greater than Fiscal Year 2007. Water sales are expected to increase as a result of the slowing but continuing growth occurring within the District's service area. This growth should add over 1,030 new customer accounts and increase the District's assets by approximately \$35 million for the year.

Significant aspects of the Operating Budget are:

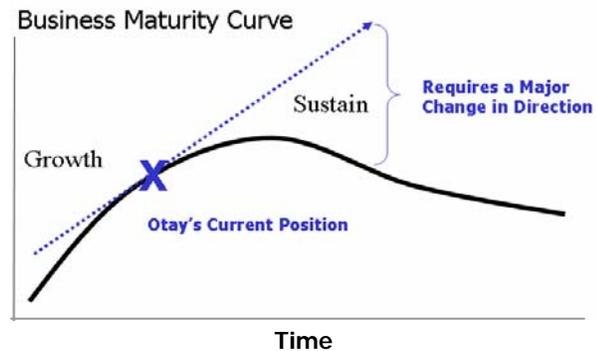
- A balanced budget meeting the goals of the Strategic Plan.
- An updated a six-year Rate Model to ensure sound financial planning and reserve levels.
- Implemented rate increases in potable and reclaimed water and sewer. This included pass-through rate increases from CWA, City of San Diego, and County of San Diego who raised costs to the water and sewer customers.
- Of San Diego County's 23 water agencies, Otay's water rate is the eighth-lowest and below the county-wide average.

- Issued \$42 million in debt in Fiscal Year 2007 to fund the construction of new facilities, and replacement or enhancement of existing facilities.
- Funding for the six million gallons per day recycled water purchase agreement with the City of San Diego.
- Increased credits from MWD and CWA for recycled water purchases from the City of San Diego.
- Expanded residential, landscape, and commercial water conservation programs.
- Funding the fifth year of a Five-Year Labor Agreement ending in Fiscal Year 2008.

The projected operating cost for salaries and benefits is \$15.6 million, which is an increase of \$988,100 (6.8%) compared to Fiscal Year 2007. The increase in labor is predominately the result of negotiated pay and benefit increases.

Estimated growth totaling 1,030 potable and recycled water accounts will bring the new customer count to 48,030 potable and 615 recycled accounts by the end of Fiscal Year 2008, this number of accounts equates to approximately 75,300 equivalent dwelling units (EDUs). The ultimate population projection of 277,000 will total to an estimated 114,000 EDUs and an average annual water demand of approximately 56 million gallons per day (MGD). To accommodate this growth, the District will need to invest an estimated \$500 million in capital assets before ultimate build-out is realized. The Fiscal Year 2007-08 Capital Budget consists of 82 projects and a budget of \$34.5 million. The budget emphasizes long-term planning for on-going programs while functioning within fiscal constraints and population growth.

The District has begun to address the transformation from a growth-centric to a maintenance-based organization. Developer fees support growth but replacement and maintenance is supported by rates and operating expenses. Otay has been very successful in managing growth and now needs to focus on managing long-term maintenance and replacement of its relatively new but aging infrastructure.



STRATEGIC PLAN

To guide operations and planning efforts during this time of sustained growth, in 2001, the District began developing a Strategic Plan. This plan was designed to address the unique challenges and opportunities resulting from growth. It would also guide the District as it strives to develop the necessary infrastructure and operational practices to perform its primary business while ensuring that quality customer service and competitive rates are maintained.

The first multi-year Strategic Plan was adopted by the Board of Directors in 2002. Each year, the Board of Directors reviews and updates the plan. While the first plan guided the District through a period of record growth, the updated plan using a balanced scorecard method, looks forward to a time when the majority of the requisite physical infrastructure is in place and the

District begins to transform from a growth-centric entity to a maintenance-based organization. The District has been very successful managing growth and recognizes that continued success is predicated on developing reliable, long-term, water supplies as well as managing long-term maintenance and replacement of its infrastructure. (A summary of the Balanced Scorecard is provided on pages 8-12.)

One key to addressing the challenges is to capitalize on the significant investment that has been made to implement an integrated information system. With the Otay Information System in place, the District has focused on business process improvement utilizing best-in-class technology. Other Strategic Plan objectives include: securing additional water sources, continuing expansion of potable and recycled water networks, expanding use of recycled water, and continuing efforts to promote conservation.

The current Strategic Plan identifies how the District needs to change in order to meet future challenges and responsibilities. The plan is focused on all areas of the agency and describes through cascading strategies, goals, and objectives, how it will achieve the desired changes. Major themes in the updated plan are: 1) the movement toward improvement of maintenance business practices so that the life of assets can be extended, 2) the development of improved and more precise financial information to assist in management decisions, 3) the improvement of customer service through enhanced customer knowledge and contact, and 4) the building of critical assets on time and budget. As noted, the plan calls for the rapid adoption of technological systems and the review of business practices that will yield increased productivity. Part of the plan is a set of detailed performance measures which monitor the quarterly productivity of the agency. This mix of long-term objectives and short-term measures of productivity focuses the District on change while maintaining a high quality of customer service.

Putting the Strategic Plan to Work

Using the Strategic Plan as a guide and with the Board of Directors support, the District has been able to put into place many substantial improvements. Some of the most significant accomplishments are the integrated information system, the GIS system, and numerous policy and procedure improvements. These accomplishments, along with the forward thinking perspective of the District, paved the way for a thorough and persuasive presentation to two rating agencies resulting in the positive outcome of a bond rating upgrade for Otay Water District from an A+ to an AA-. Putting the Strategic Plan to work has resulted in operational savings and in the case of the bond rating it has resulted in approximately \$1.5 million of interest expense savings.

Water Resources

The Strategic Plan drives advances in every aspect of District operations. For instance, the Strategic Plan called for updating of the Urban Water Management Plan (UWMP) which was completed in December 2005. The UWMP serves as a long-range planning document for water supply and demand, and provides an overview of the District's water supply and usage, recycled water, and conservation programs. The UWMP works to ensure the District always has the water resources it needs to meet the demands of a growing community.



Last year the District completed an Integrated Water Resources Plan (IRP). The mission of the IRP is to find the optimal mix of imported water, local supplies, and conservation efforts to meet projected ultimate supply requirements in a cost-effective manner while also incorporating environmental impacts, implementation risks, and other factors. The planning objectives are to maintain affordability, meet water

quality standards, achieve supply reliability, increase system flexibility, increase supply diversity, and address environmental and institutional constraints. The IRP identifies and evaluates all potential water resource supply opportunities to arrive at a recommended diverse water supply portfolio. The water supply portfolio will provide a strategic approach and focused direction to be incorporated into the water resources master plan and the Capital Improvement Program for the development of sufficient water supply to meet the planning objectives for long-term sustainability. The water supply alternatives include all potential opportunities such as desalination, groundwater, water transfers, recycled water supply development, and interagency agreements. In the coming year, the District will begin facilities rehabilitation and replacement assessment which will define expected capital outlays for future system replacements. This approach is clearly focused on asset management as a core discipline.

Recycled Water

Included in the UWMP is the agreement with the City of San Diego which allows the District to purchase recycled water from the City's South Bay Reclamation Facility. This contract delivers on average, more than six million gallons per day of recycled water to the District's growing population. Recycled water purchased from this facility is used to irrigate golf courses, parks, open space, road medians, and other commercial processes. Using this resource to address specific demands has resulted in the District reducing its potable water use by approximately 15%, maximizing the beneficial use of an alternative resource, which makes millions of gallons per day of potable water available for higher quality and better purposes. On June 1, 2007, the District dedicated the Supply Link Project connecting the recycled water system to the City of San Diego's South Bay Water Reclamation Plant. The District received \$3.3 of a \$4 million grant from Proposition 50 and another \$2.4 million from the State Water Resources Control Board (SWRCB) for partial funding of this project.

The Future

The Otay Water District continues to use the challenges presented by growth to create new opportunities and new organizational efficiencies. By utilizing and continuing to refine its Strategic



Plan, the plan has captured the Board of Director's vision and united its staff in a common mission. The organization has achieved a number of significant accomplishments based on its successful adherence to the plan. As a result, the District is poised to successfully continue providing an affordable, safe, and reliable water supply for the people of its service area.

AWARDS AND ACKNOWLEDGMENTS

Because of the vision and years of hard work that went into the Supply Link Project connecting our recycled water system to the City of San Diego's South Bay Water Reclamation Plant, the San Diego County Taxpayer's Association awarded the District with the *Golden Watchdog of the Year Award for 2007*, the American Society of Civil Engineers presented the District the *Award of Merit*, and the WaterReuse Association of California named Otay its *Utility of the Year*.

The Government Finance Officers Association (GFOA) awarded a *Certificate of Achievement for Excellence in Financial Reporting* to the Otay Water District for its Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2006. In order to be awarded a Certificate of Achievement, a government agency must publish an easily readable and efficiently organized Comprehensive Annual Financial Report. This report must satisfy both generally accepted accounting principles and applicable legal requirements. In addition, the CAFR received the *Outstanding Financial Reporting Award* from the California Society of Municipal Finance Officers (CSMFO).

The District also received a *Distinguished Budget Presentation Award* from the GFOA for the District's Operating and Capital Budget for Fiscal Year beginning July 1, 2006, as well as three awards from the CSMFO for *Excellence in Budgeting*, *Excellence in Public Communications*, and *Excellence in Capital Budgeting*. These prestigious awards recognize conformance with the highest standards for preparation of state and local government financial reports.

This budget reflects the Board of Directors' vision for the District, management, and its employees. We will continue to strive to make improvements in our budget process, including an extensive review and analysis of projections for revenues, expenditures, capital projects, and reserves. I would like to thank all of the staff involved in this process for the efforts put forth in the preparation of this budget to ensure a successful outcome.

To the Board of Directors, we acknowledge and appreciate their continued support and direction in achieving excellence in financial management.



Mark Watton, General Manager



General Information

CIP BUDGET GUIDE

The District views the Capital Improvement Program (CIP) Budget as an essential tool for proper financial management of the CIP projects. The District manages growth and maintenance of assets through this program. This CIP budget is developed with input from the various project managers throughout the organization and is adopted prior to the start of each fiscal year for the current fiscal year and five additional years. It is designed and presented for the general needs of the District, its staff, and citizens. It is a comprehensive and balanced financial plan. This plan features the CIP budget based on demands for services and the impact on the District's financial status and future plans. The budget book is divided into the following sections:

General Information

This introductory section contains an overview and general information about the District including the organization chart and awards received. Also included are the budget calendar, a description of the budget process, and the resolution adopting the budget.

Capital Budget Summary

The Capital Budget Summary consists of an overview of the District's Capital Improvement Program (CIP) including the Water Resources Master Plan (WRMP) which is based on major assumptions and criteria of the CIP program. Also included are highlights of the major CIP projects completed, in construction, in design, and in progress. Additionally, this section contains the CIP reserve funds and funding sources, a six-year listing of CIP project expenditures, the project justification and impact on the Operating Budget, project schedules and the capital purchases budget.

CIP Projects

This section contains a project sheet description along with each individual project sheet. These sheets are developed by the project manager and contain critical information for the management of these projects. The projects are divided into four categories: Capital Facility Projects, Replacement/Renewal Projects, Capital Purchase Projects, and Developer Reimbursement Projects.

Appendix

The last section consists of the Water Meter Capacity Fee Schedule, the Glossary of budget and financial terms, a List of Acronyms used in this budget book, and an Index.

OTAY WATER DISTRICT AT-A-GLANCE

HISTORY

The Otay Water District was formed in January 1956 and joined the San Diego County Water Authority (CWA) in September 1956 to acquire the right to purchase and distribute imported water throughout its service area. The District is also responsible for the collection, treatment, and disposal of wastewater from a portion of the northern region of the District. In 1980, the District started operation of the Ralph W. Chapman Water Recycling Facility (RWCWRF), and in June, 2007, a new source of recycled water from the City of San Diego was obtained, allowing Otay Water District to supply 15 to 20 percent of total water demand with recycled water.

MISSION STATEMENT

The District's mission is to provide safe and reliable water and wastewater services to its community with innovation, in a cost efficient, water-wise, and environmentally responsible manner.

SERVICE AREA

The District's boundaries encompass an area of approximately 125 square miles in San Diego County, lying immediately east of the City of San Diego metropolitan area and running from the City of El Cajon south to the international border.

GOVERNMENT

The Otay Water District was formed in 1956 to serve as a public water and sewer agency, authorized as a California special district under the provisions of the Municipal Water District Act of 1911. The District's ordinances, policies, taxes, and rates for service are set by five Directors, elected by voters in their respective geographic division, to serve staggered four-year terms on its governing board. The District is a "revenue neutral" public agency, meaning that each end-user pays only their fair share of the District's costs of water acquisitions and the operation and maintenance of the public facilities.

ORGANIZATIONAL STRUCTURE

The General Manager reports directly to the Board of Directors, and through two Assistant General Managers and the District management, oversees day-to-day operations. One Assistant General Manager oversees the departments of Administrative Services, Finance, Information Technology and Strategic Planning while the other oversees the Water Operations and Engineering departments. These and other lines of reporting are shown on the organization chart on page 11.

GENERAL INFORMATION

For Fiscal Year 2008, the District will have a staff of 172.75 full-time equivalent employees under the leadership of the General Manager. The District provides water service to approximately 39% of its land area with a population of more than 190,000 people. This percentage increases as the District's service area continues to grow to ultimate build-out. The District is projected to deliver approximately 38,500 acre-feet of potable water to about 48,030 potable customer accounts and to ultimately deliver 62,700 acre-feet of potable water to serve 277,000 people or 50,300 accounts. The rate of growth, as projected by the San Diego Association of Governments (SANDAG) for the Chula Vista area of San Diego County, is approximately 4.3% per year over the next decade. Using historical data and considering current economic conditions, staff has moderated this projection to a growth rate of 2.1% for Fiscal Year 2008.

Recycled water from the Ralph W. Chapman Water Recycling Facility (RWCWRF) is used to irrigate golf courses, schools, public parks, roadway landscapes, and various other approved uses in eastern Chula Vista. The RWCWRF is capable of reclaiming wastewater at a rate of 1.3 million gallons per day. The District is also in a partnership with the City of San Diego to beneficially reuse an additional 6,720 acre-feet per year of recycled water beginning in Fiscal Year 2007. This makes Otay Water District the largest retail provider of recycled water in the county.

The District also owns and operates a wastewater collection system providing public sewer service to approximately 4,630 customer accounts within the Jamacha drainage basin. The sewer service area covers approximately 8,797 acres, which is about 11% of the District's total service area. Residential customers comprise 98% of the sewer customer base.

The District was formed in 1956 to serve as a public water and sewer agency authorized as a California special district in 1956 by the state legislature under the provisions of the Municipal Water District Act of 1911. Its ordinances, policies, taxes, and rates for service are set by its Board of Directors.

Since 1956, the District has provided high quality water to an arid region of the southeastern San Diego County. In 1971, the District constructed a small collection and treatment plant for sewer in the northern section of the District, and in 1980 the District opened the Ralph W. Chapman Water Recycling Facility. Finally in 1986, the District found a use for recycled water in the construction industry for soil compression. For over 50 years, the available supply of water has helped transform the District service area from a mostly scrub and cactus-covered backcountry into a wonderful balance of diverse environments.

FINANCIAL AWARDS



The Government Finance Officers Association of the United States and Canada (GFOA) presented a *Distinguished Budget Presentation Award* to Otay Water District for its annual budget for the fiscal year beginning July 1, 2006. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

The California Society of Municipal Finance Officers (CSMFO) presented Otay Water District the Certificate of Award *Excellence in Operating Budgeting for Fiscal Year 2006 - 07*.



FINANCIAL AWARDS



The California Society of Municipal Finance Officers (CSMFO) presented Otay Water District the Certificate of Award *Excellence in Public Communications Budgeting for Fiscal Year 2006 - 07.*

The California Society of Municipal Finance Officers (CSMFO) presented Otay Water District the Certificate of Award *Excellence in Capital Budgeting for Fiscal Year 2006 - 07.*



AWARDS



The San Diego Taxpayers Association announced that the Otay Water District's Supply Link project is the recipient of its *2007 Golden Watchdog Award*.

The Supply Link project redirects millions of gallons of recycled water that was released each day into the ocean, and instead uses it to irrigate golf courses, freeway landscapes, and parks in eastern Chula Vista.

AWARDS



The Otay Water District has been named the *Recycled Water Agency of the Year for 2006* by the WaterReuse Association of California. This prestigious award recognizes the District's commitment to recycled water use, its extensive recycled water network, and its new Supply Link Project to connect with the City of San Diego's South Bay Water Reclamation Plant.

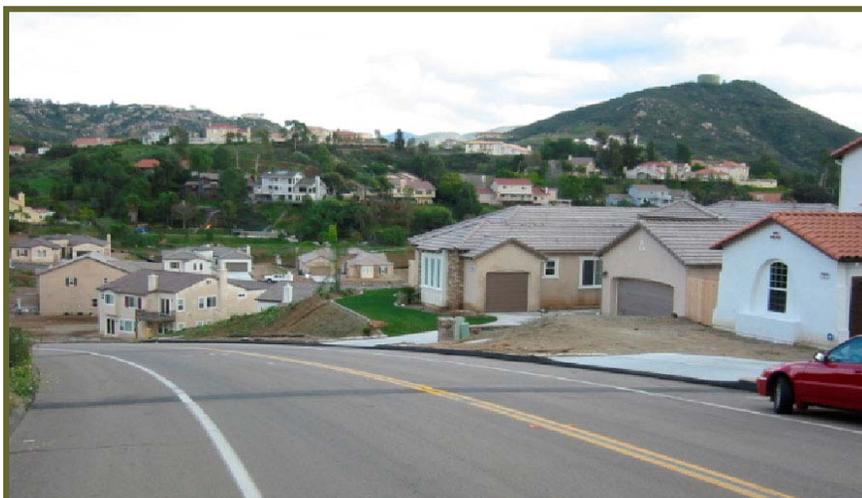
CURRENT ECONOMIC CONDITIONS

Currently, the District services the needs of a growing population by purchasing water from the San Diego County Water Authority (CWA). CWA purchases its water from the Metropolitan Water District of Southern California (MWD) and the Imperial Irrigation District. Otay takes delivery of the water through several connections of large diameter pipelines owned and operated by CWA. In Fiscal Year 2007, the District began purchasing raw water from CWA and having the City of San Diego treat the water at the Lower Otay Pump Station. The District is in negotiations with the City of San Diego to increase its raw water purchases and treatment in a new connection called SD17. These new water sources will help take pressure off the potable system and increase the reliability through diversifying the District's supply.

For almost as long as it has been delivering potable water, the Otay Water District has collected and reclaimed wastewater generated within the Jamacha drainage basin and pumped the recycled water south to the Salt Creek basin where it is used for irrigation and other non-potable uses. However, the demand for recycled water out-paced the supply, requiring the District to supplement the limited supply of recycled water with potable water. Through the new agreement with the City of San Diego, the District has discontinued supplementing its recycled demand with potable water. Once again, this decreases the demand on the potable supply and increases the reliability of the District's supply.

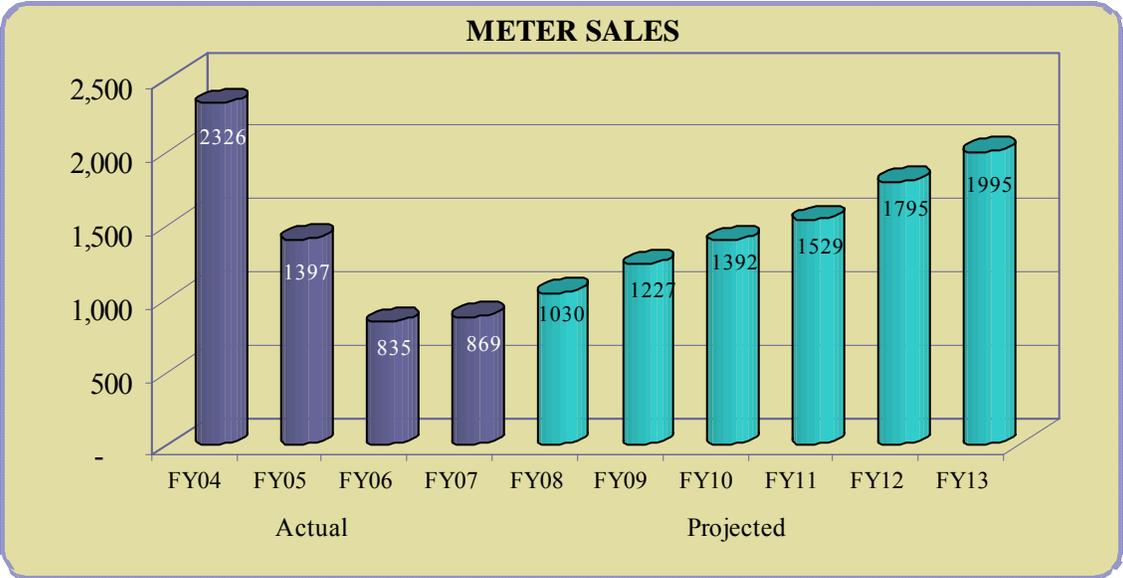
The District's sewer service area is growing at a slow but steady rate of approximately 1.2% each year. Most of this growth is from small development projects or homeowners converting their septic system into sewer because of environmental issues.

The District's service area is in one of the fastest growing regions in the nation. During the past decade, the population of the service area has nearly doubled. The phenomenal growth has slowed slightly in the past few years, and is continuing at a slower pace. It is estimated that the District is currently serving approximately 190,000 residents. In just the past five years, the District has added more than 7,600 new customer connections. This is reflected internally as the District's Development Services Department approved on average 35 permits per month, and sold 800 water meters in Fiscal Year 2006-2007.



THE FUTURE

The Otay Water District continues to use the challenges presented by growth to create new opportunities and new organizational efficiencies. By utilizing and continuing to refine its Strategic Business Plan, it has captured the Board of Director’s vision and united its staff in a common mission. The organization has achieved a number of significant accomplishments based on its successful adherence to its Strategic Business Plan. The Otay Water District is not only poised to continue successfully providing an affordable, safe, and reliable water supply for the people of its service area, but is set to reap the rewards of greater efficiencies and economies of scale.



The Engineering Department projects that over the next six years the District will sell another 8,960 meters. The San Diego Association of Governments (SANDAG), the regional planning agency, shows a slowing of growth for the City of Chula Vista after 2010, and an increase in growth in the unincorporated areas of the region through 2020.



DEMOGRAPHICS

The Otay Water District boundaries shown in the chart below encompass an area of approximately 125 square miles in San Diego County, located immediately east of the City of San Diego metropolitan area and running from the City of El Cajon south to the international boarder.



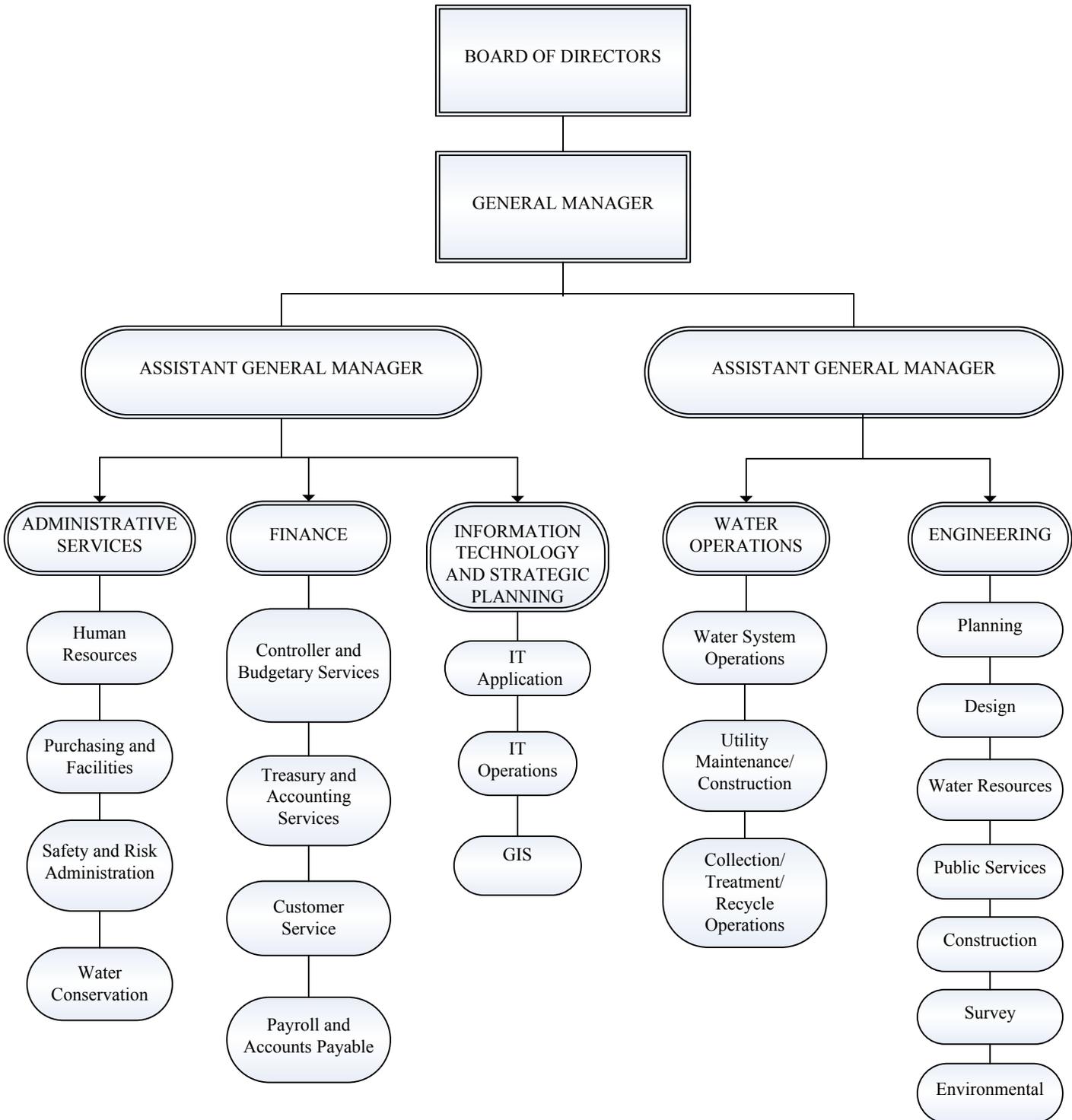
The San Diego Association of Governments (SANDAG), the regional planning agency, creates and maintains a tremendous quantity of demographic, economic, land use, transportation and criminal justice information about the San Diego region. The demographic data includes population characteristics like age, education, and employment. Because of the overlapping of Otay's service area with the cities of Chula Vista, La Mesa, El Cajon, and the unincorporated areas of Spring Valley and Jamul, the following demographic data is from the City of Chula Vista as it most closely represents the District.

The population of Chula Vista has grown from 83,927 in 1980, to 135,136 in 1990, to 173,556 in 2000, and in 2006 the population reached 223,423. This represents an increase of 139,496 in the past 26 years or a 166.2% increase, which correlates to the District's rapid growth for the same period.

The racial make up of Chula Vista is 50% Hispanic, 29% White, 13% Asian, 4% Black, and the remaining 4% is all other groups. The median household income for Chula Vista was \$68,497 in 2006, and 97% of Chula Vista's housing units were occupied.



ORGANIZATION CHART



CIP BUDGET CALENDAR

Each year, the Engineering Department prepares budget instructions for distribution to the departments. These instructions give direction and deadlines for each phase of the CIP budgeting process. The CIP Budget Process is explained on pages 13 and 14.

January 29, 2007	Budget workbooks and instructions for the Operating and Capital Budget are distributed to departments.
February 1, 2007 to February 16, 2007	<p>Departments begin CIP Budget Process which includes:</p> <ul style="list-style-type: none"> • Review existing FY 2006 CIP projects. • Remove any CIPs that are complete or will not be budgeted in the CIP budget the next six years. • Estimate the total project-to-date expenditures through 6/30/07 for each CIP. • Adjust the annual amount for the remaining CIPs when appropriate and include justification for the changes to each year's changes. • Develop CIP project cost and schedules, unless more specific information is available. • Submit new CIP projects for consideration.
March 7, 2007	Engineering Department reviews all CIP budget requests with Assistant General Manager and adjusts, if necessary.
March 14, 2007	Engineering reviews and prepares CIP budget and submits to Finance for review and to incorporate into rate model to determine proposed rates.
March 27, 2007	CIP budget presented to the General Manager for review and comments.
April 18, 2007	General Manager performs preliminary review of budget.
May 15, 2007	Final review of proposed budget and rates is done by the General Manager.
May 29, 2007	Board of Directors adopts Fiscal Year 2008 Operating and Capital Budget.

CIP BUDGET PROCESS

The District has integrated the Capital Improvement Program (CIP) Budget and the Operating Budget. These budgets are developed based on the District's Water Resources Master Plan and Strategic Business Plan. Appropriate budget amounts are determined by using the historical data of operations, growth, developers' input, SANDAG projections, and economic outlook. The District is accounted for and budgeted as an enterprise fund and conforms to the guidelines of generally accepted accounting principles (GAAP).

To assure reliable, high-quality service to the growing customer base, the District has committed to a number of long-range strategies that drive the budgeting process. The strategies and assumptions used to develop the District's integrated budget are:

- an average projected long-term growth rate of 2%
- pass-through rate increases for costs imposed on the District by the wholesale water providers
- to accurately project capital budget needs (including replacement needs)
- reserve funding in accordance with the Reserve Policy to meet future growth demands
- to fund Strategic Plan initiatives categorized into the Balanced Scorecard perspectives
- avoid rate spikes by leveling rate increases over a six-year period

The Engineering Department issues budget instructions for the CIP budget process. Each project manager receives a report of year-to-date project expenses and then estimates cost to the end of the fiscal year, plus future costs, including inflation, to complete the project. Costs are adjusted for scope changes as well as construction cost increases. Engineering then compiles the CIP Budget and submits it to the Assistant General Managers and the General Manager for review prior to presentation to the Board of Directors.

Once all of these budgets have been calculated, the Finance Department inputs all of the operating revenues and expenses, CIP expenses, reserve funding, and reserve levels into the District's Rate Model. Inflators for cost and volume changes are input into the Rate Model and cost and rates are calculated for the current fiscal year plus five subsequent years. Using this comprehensive modeling tool, the District is able to smooth future rate increases, determine when debt should be issued, and monitor all of the reserve levels in accordance with the Reserve Policy.

In the spring, the Strategic Plan is presented to the Board of Directors for adoption. This is followed by the Finance and the Engineering Departments presenting to the Board of Directors their recommendations at a special budget meeting in May of each year. The adoption of the Strategic Plan and budget on an annual basis gives the District its direction for the following fiscal year.

During the year, each project manager receives monthly budget and cost reports on their assigned CIP projects. These reports are essential to monitor and control costs. As events occur or conditions change, modifications to or deviations from the original budget may be necessary. In the event the General Manager determines that an emergency exists which requires immediate action, he may transfer appropriation within the budget allocations, or request that the Board of Directors increase the current budgeted funds.

All CIP budget adjustments and requests are submitted to the Engineering Department. The budgets are reviewed for accuracy, categorized into the appropriate project types and funding sources and then prioritized based on need and timing of projects. Projects are reviewed to see if any grant funding is available, and if so, estimated amounts are included as a funding source to these projects.

Engineering submits the consolidated CIP list to the Assistant General Managers and General Manager for review and approval. After any necessary adjustments, the CIP budget is submitted to the Board of Directors for approval each fiscal year along with the Operating Budget.

The Budget Report is intended as a financial guide and may be modified by the Board of Directors during Fiscal Year 2008.

RESOLUTION NO. 4097

A RESOLUTION OF THE BOARD OF DIRECTORS OF
OTAY WATER DISTRICT ADOPTING THE
FISCAL YEAR 2007-2008
OPERATING AND CAPITAL BUDGET

WHEREAS, the Otay Water District Board of Directors have been presented with a budget for the operation of the Otay Water District for Fiscal Year 2007-2008; and

WHEREAS, the Operating and Capital Budget has been reviewed and considered by the Board, and it is in the interest of the District to adopt a budget for said year; and

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Directors of the Otay Water District that the Operating and Capital Budget for the operation of the District, incorporated herein by reference, is hereby adopted as the District's budget for Fiscal Year 2007-2008.

PASSED, APPROVED AND ADOPTED by the Board of Directors of Otay Water District at a special board meeting held this 29th day of May 2007, by the following vote:

Ayes: Directors Bonilla, Breitfelder, Lopez and Robak
Noes: None
Abstain: None
Absent: Director Croucher



President *on behalf of*
B.C.

ATTEST:



District Secretary

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Capital Budget Summary

CAPITAL IMPROVEMENT PROGRAM

The District provides water service to a population of approximately 190,000 which is expected to ultimately increase to 277,000. The growth rate projected by the San Diego Association of Governments (SANDAG) and incorporated in the Water Resources Master Plan is nearly 2.7% per annum for the next 10-15 years. However, based on current economic conditions, staff is projecting a 2.1% growth rate in population and equivalent dwelling units (EDUs) for Fiscal Year 2008. The EDU is the demand created by a typical single-family dwelling requiring a 3/4" water meter. A business creates a demand equivalent to several single-family dwellings, thus the term equivalent dwelling unit. Presently, our projected 48,650 customer accounts equate to a projected 75,301 EDUs. The ultimate population of 277,000 will result in an estimated 114,000 EDUs and an average annual water demand of approximately 56 million gallons per day (MGD).

To accommodate this growth requires that the District invest \$500 million in capital assets through ultimate build-out. The Fiscal Year 2008 Capital Budget is \$34.5 million and the five-year Capital Improvement Program (CIP) totals \$157 million. A separate CIP Budget Notebook contains the descriptions, justifications, expenditures, and funding for all the identified projects to ultimate build-out.

Assumptions and Criteria

The Water Resources Master Plan was based on several major assumptions and design criteria as follows:

1. Utilizing historical water demands for each land use type in the District to calculate future demands;
2. Using maximum day peaking factors that vary with demand level;
3. Utilizing land use as planned by the City of Chula Vista;
4. Providing ten days of emergency water supply through a maximum of five days in covered reservoirs and a minimum of five days from interconnections with adjacent agencies;
5. Inclusion of emergency operational storage to meet the five-day covered storage requirement into the ten-day outage supply requirement.

In summary, the CIP is developed based on the District's Water Resources Master Plan, incorporating historical data, growth, developers' input, SANDAG projections, and long-term economic outlook.

Justification for Project and Impact on Operating Budget

The justification for each project is determined by whether it is required due to growth (Expansion), improvements or upgrades (Betterment), or to replace an existing asset (Replacement). As these projects are completed and placed into service, there may be an impact on the Operating Budget by increasing cost in the areas of maintenance, energy or chemicals as shown on the justification and impact pages in this section.

CAPITAL IMPROVEMENT PROGRAM

Capital Purchases and Facilities

This year, all capital expenditures are in the CIP. This includes capital facilities and capital purchases. Capital purchases are non-recurring operating expense items for District-wide use that cost more than \$10,000 each and have an estimated useful life of two years or more. The Capital Purchase Projects include Vehicle, Office Equipment and Furniture, and Field Equipment purchases, the details of which can be found on page 223. Capital facility projects are items that exceed \$10,000 or \$20,000 for infrastructure related items and have a useful life of at least two years.

The Capital Improvement Program (CIP) projects identified are prioritized based on the following criteria:

1. Safety, restoration of service, immediate obligation, Board directed or critical system need.
2. System upgrades or requirements to maintain system reliability in the next few fiscal years.
3. Need to meet the future growth of the system.
4. Project requirement may be reduced in capacity or may have low probability of need in the future.

The Capital Improvement Program includes the following three categories of improvement projects:

Expansion

Facilities required to support new or future users which are funded from capacity fees.

Betterment

Facilities required because of inadequate capacity or new requirements that benefit existing users and funded from availability and betterment fees.

Replacement

Facilities required to renew or replace existing facilities that have deteriorated or have exceeded their useful life and are funded from user rates.

Capital Improvement Projects

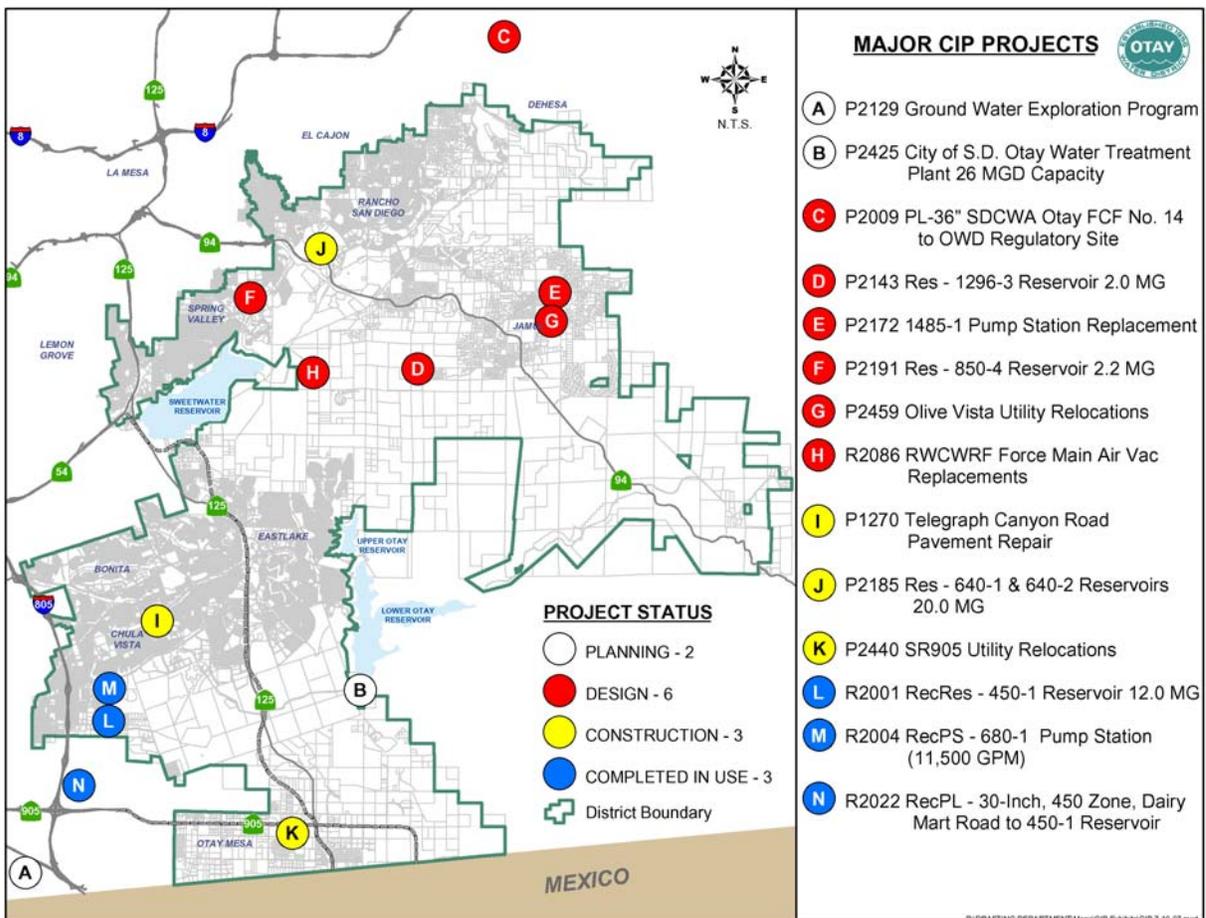
The 2008 Fiscal Year CIP Budget contains 82 projects. The cost of the work planned for Fiscal Year 2008 is \$34.5 million. Of the 82 projects planned for Fiscal Year 2008, 27 are designated as reimbursable projects, totaling \$1.5 million. These projects are built by developers and reimbursed by the District.

MAJOR CIP PROJECTS

The following shows how the \$34.5 million of projects are broken down into four categories:

- | | |
|-------------------------------------|-----------------|
| 1. Capital facilities | \$ 24.9 million |
| 2. Replacement or renewal projects | \$ 6.7 million |
| 3. Capital purchase projects | \$ 1.4 million |
| 4. Developer reimbursement projects | \$ 1.5 million |

The Five-Year CIP and Fiscal Year 2008 Capital Budgets are consistent with the District's Water Resources Master Plan, current capacity fees, and the District's strategic financial objectives.



FLAGSHIP CIP PROJECTS COMPLETED



450-1 Reservoir / 680-1 Pump Station

Reservoir and the Pump Station were completed in April 2007.



Key Component: 12,000 GPM (17.3 MGD) pump station delivering recycled water from 450-1 Reservoir to the 680 and 944 recycled water pressure zones.

Schedule: Construction started in late November 2005. Original contract completion date was April 1, 2007.

Cost: The construction project budget was \$18.3 million and the amount spent to complete this project was \$17.7 million.

Significant Construction was accepted in June 2007 and the pump station is in use.

Issues:



30" Recycled Water Pipeline Project
Project was awarded for construction in May 2005. This pipeline will deliver recycled water from South Bay to the 450/680 Reservoir and Pump Station. Project is expected to be completed in the fall of 2006.

Key Component: Approximately 6 miles of 30" pipeline for recycled water from City of San Diego's South Bay Water Reclamation Plant (SBWRP) to Otay's 450-1 Reservoir and 680-1 Pump Station.

Schedule: Full Notice to Proceed given on September 28, 2005. Contract completion date was December 23, 2006.

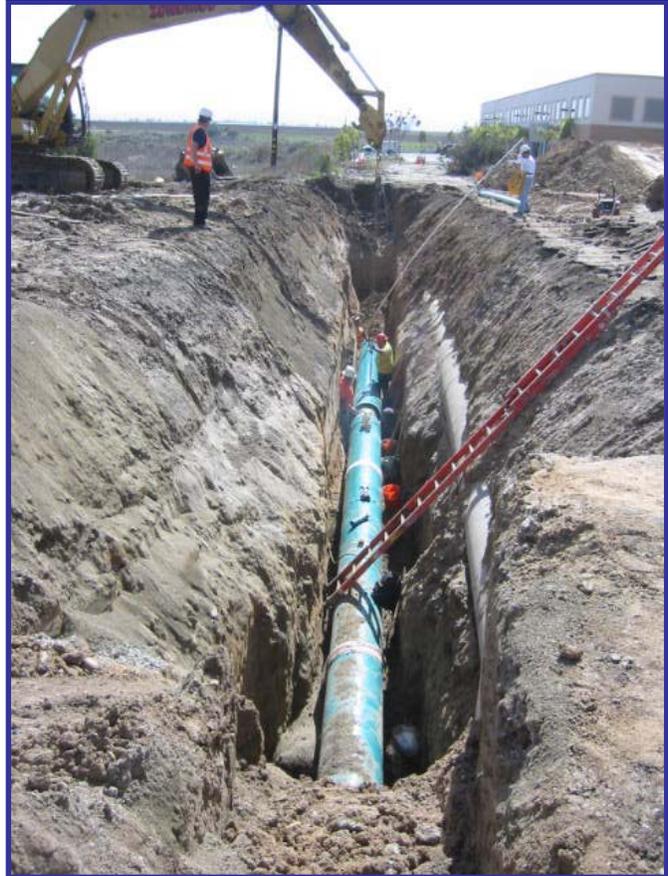
Cost: The construction project budget was \$23.6 million and the amount spent to complete this project was \$22.9 million.

Significant Issues: Construction was accepted in May 2007 and the pipeline is in use.

FLAGSHIP CIP PROJECTS IN CONSTRUCTION

SR-905 Utility Relocations

Project started on September 7, 2006 and is expected to be completed in the winter of 2007. This project includes the relocation of three pipelines crossing under SR-905 and the reconditioning of two seismic valve vaults.



Telegraph Canyon Road Paving Project

Project started on June 6, 2007 and is expected to be completed in early August 2007. The project includes numerous trench line pavement rehabilitations along Telegraph Canyon Road and repaving excavations at the 980-2 Pump Station site.



Site Grading



Inlet/Outlet Valve Vault

**640-1 and 640-2
Reservoirs Project
(20.0 MG)**

This project was awarded to Pacific Hydrotech and was started in January 2007. Expected completion is late 2008. Project consists of two 10 million gallon circular concrete reservoirs, 11,000 feet of large diameter pipe, several valve and control vaults and demolition of the 520-1 Concrete Reservoir.

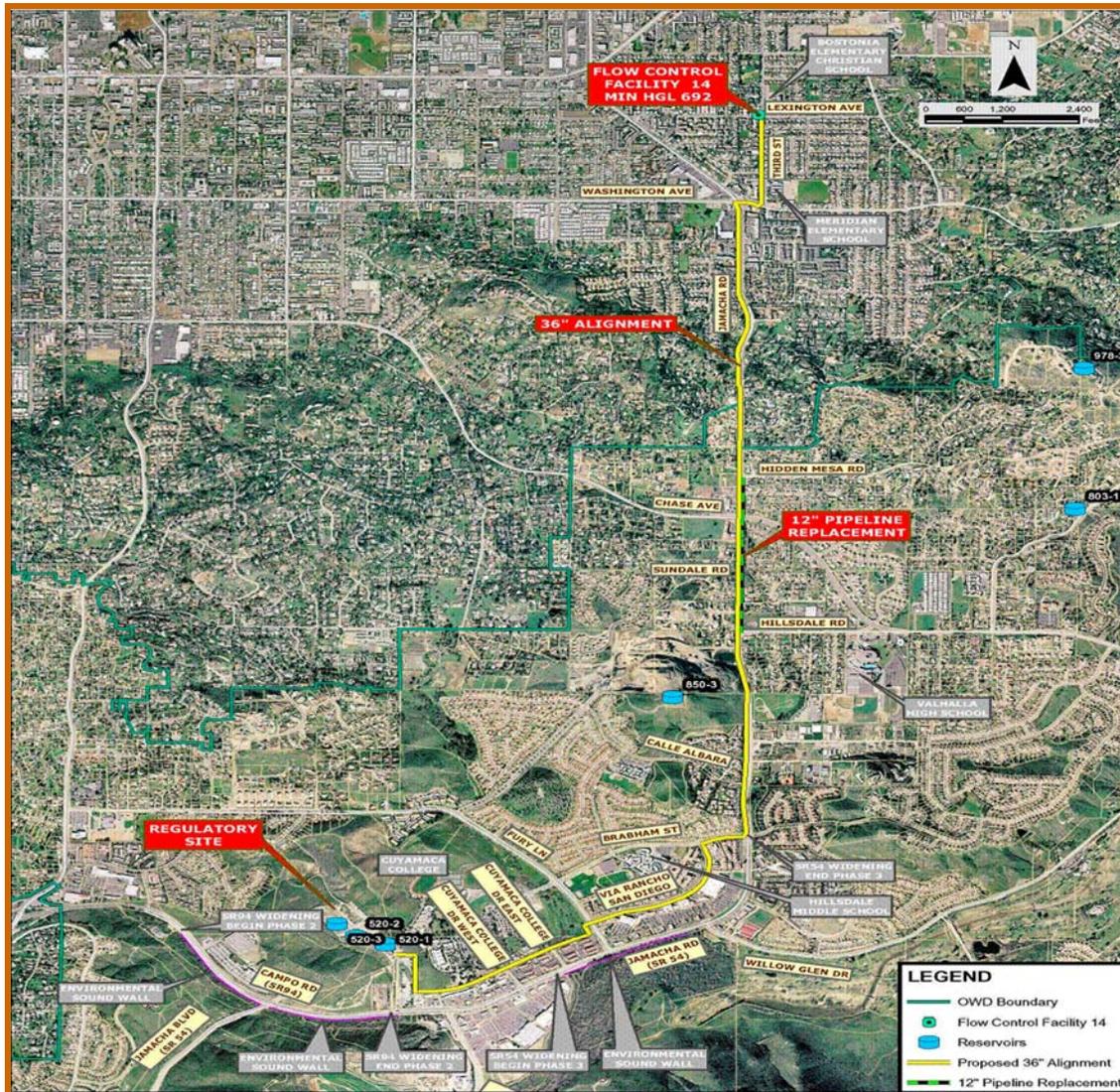
Key Component: Construction for two (2) 10-MG prestressed circular reservoirs and associated piping.

Schedule: Notice to Proceed was issued in January 2007. Project completion date is expected to be in November 2008.

Cost: The construction project budget is 29% spent - \$7.3 million out of a total budget of \$24.9 million. The total project budget is \$29.5 million, of which \$9.4 million or 32%, has been spent.

Significant Issues: 640-1; Installed 42" outlet piping and poured concrete encasement under first reservoir. 640-2; Placed 10' surcharge over the engineering fill of the second reservoir. Began laying the inlet and outlet piping.

FLAGSHIP CIP PROJECT IN DESIGN



36-Inch Pipeline From FCF No. 14 to Regulatory Site Project

- Key Component:** Approximately 5 miles of 36-Inch pipeline for potable water from Otay’s FCF No. 14 to the Regulatory Site.
- Schedule:** Preparing preliminary design report and reviewing alternative alignments.
- Cost:** The construction project budget is \$18.5 million.
- Significant Issues:** District received final draft of the preliminary design report and design is on schedule.

PROGRESS ON MAJOR PROJECT

City of San Diego's Water Treatment Plant, Capacity

Key Component: Acquire at least 30 MGD and up to 50 MGD of local treatment capacity from City of San Diego (City).

Schedule: Otay Board approved the SD17 POU with the City, SDCWA and Otay. Draft SD17 Agreement under negotiation.

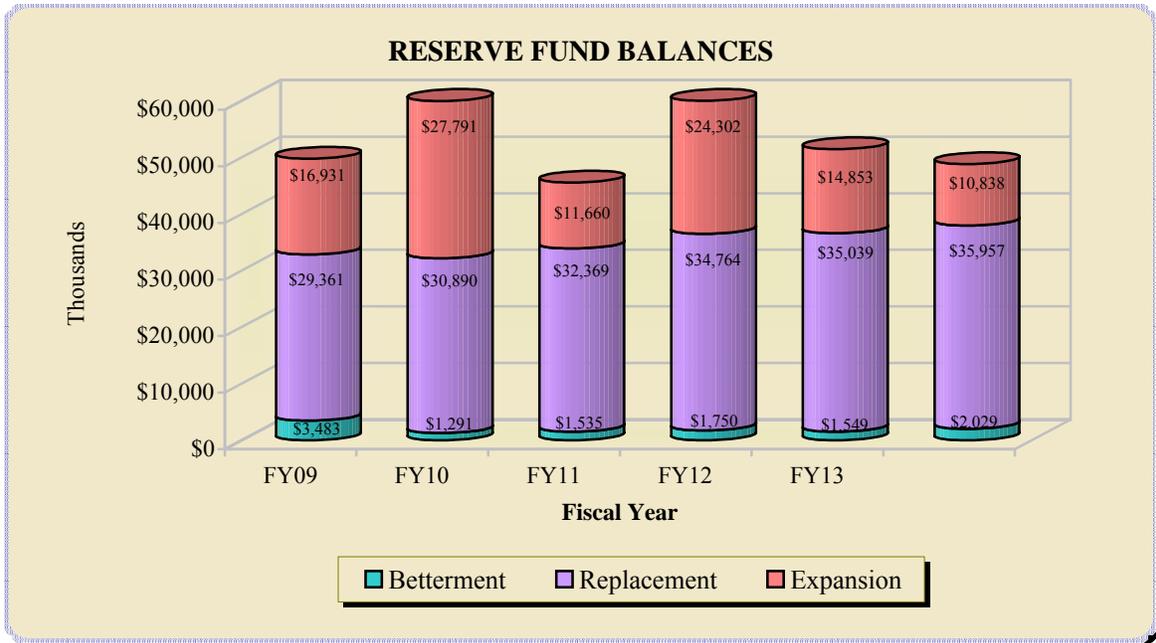
Cost: Only staff time has been budgeted; project cost is dependent upon negotiations outcome.

Significant Issues: The City will supply "Surplus Water" from Otay WTP to Otay per the current 1999 Agreement.

The City has an opportunity to obtain a \$6,500,000 Matching Proposition 50 Grant for SD17 consisting of a pump station at the Alvarado WTP to pump up to 60 MGD into SDCWA Pipeline No. 4. SD17 is estimated to cost \$20,000,000. The District desires to acquire 50 MGD capacity. This project will provide an opportunity to the City to generate revenue from surplus capacity. For the District, this is an opportunity to save cost on water treatment while providing an additional source of water supply.

CIP RESERVE FUNDS

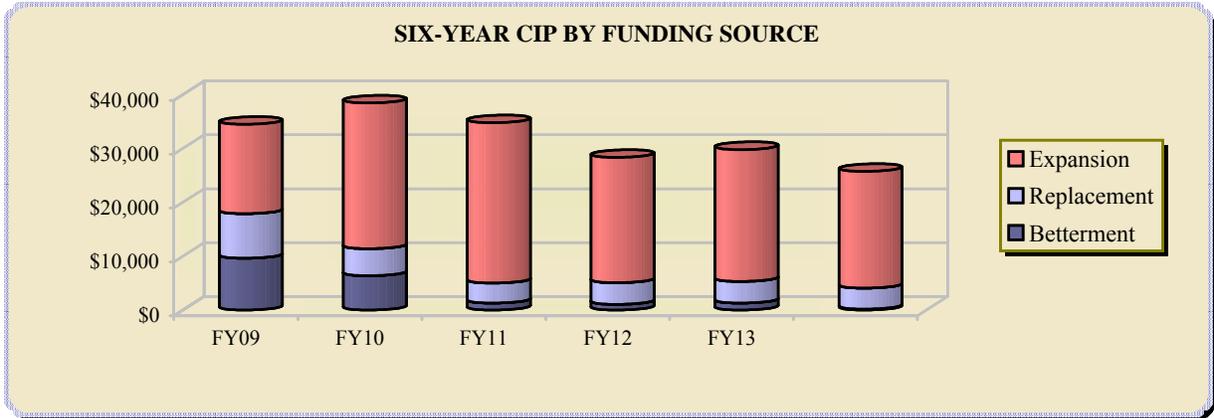
The CIP Reserve Funds presentation, shown on the following pages, is designed to provide an understanding of how the funding of CIPs is expected to financially influence the District over the next six years. The financial impacts are based on the CIP program and its funding sources, including fund transfers in accordance with the District's Reserve Policy, and planned debt issuances. This data is captured in the District's Rate Model on an annual basis in order to make these projections.



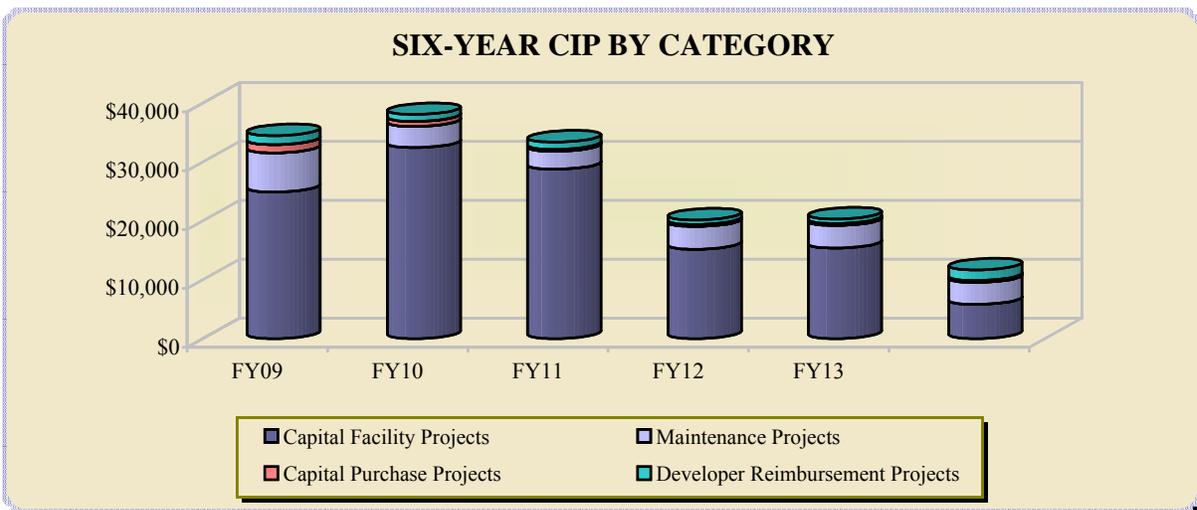
(Thousand \$000s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Total
Capacity Fees	\$ 7,448	\$ 8,652	\$ 9,560	\$ 9,804	\$ 13,009	\$ 13,472	\$ 61,945
Debt financing	-	29,970	-	26,570	-	-	56,540
Grants	2,300	4,550	4,750	1,450	250	250	13,550
Interest	2,771	2,833	2,774	2,847	3,164	2,920	17,310
Betterment Charges	1,056	1,078	1,100	1,123	1,146	1,170	6,673
Temporary Meters	1,204	1,209	1,212	1,215	1,220	1,223	7,283
Availability (Betterment Portion)	558	569	581	593	605	618	3,524
Transfer from General Fund	14,145	6,930	8,335	9,245	11,030	13,555	63,240
Interfund Transfers	1,140	435	144	419	195	181	2,514
Total Sources	30,621	56,227	28,457	53,266	30,619	33,389	232,578
CIP Projects	34,463	38,442	34,769	28,334	29,787	25,723	191,518
Betterment Fees for Maintenance	73	76	78	80	83	85	474
Debt Service	3,331	5,658	6,450	7,754	8,496	8,580	40,268
Developer Services	1,415	1,420	1,425	1,427	1,433	1,437	8,557
Interfund Transfers	1,140	435	144	419	195	181	2,514
Total Uses	40,422	46,031	42,865	38,014	39,993	36,006	243,331
Net Sources (Uses)	\$ (9,800)	\$ 10,196	\$ (14,408)	\$ 15,252	\$ (9,375)	\$ (2,617)	\$ (10,753)

CIP FUNDING SOURCE AND CATEGORY

(Thousands \$000s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTAL
Expansion	\$ 16,600	\$ 27,040	\$ 29,764	\$ 23,273	\$ 24,507	\$ 21,683	\$142,866
Betterment	9,599	6,371	1,259	1,066	1,276	166	19,737
Replacement	8,265	5,032	3,746	3,995	4,004	3,874	28,916
TOTAL	\$ 34,463	\$ 38,442	\$ 34,769	\$ 28,334	\$ 29,787	\$ 25,723	\$191,518



(Thousands \$000s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTAL
Capital Facility Projects	\$ 24,901	\$ 32,441	\$ 28,777	\$ 15,180	\$ 15,350	\$ 5,800	\$122,449
Maintenance Projects	6,645	3,581	3,045	3,849	3,845	3,720	24,685
Capital Purchase Projects	1,406	870	320	320	320	320	3,556
Developer Reimbursement Projects	1,511	1,150	1,215	800	800	1,825	7,301
Subtotal	34,463	38,042	33,357	20,149	20,315	11,665	157,991
FY 2009 Through FY 2013 Projects	-	400	1,412	8,185	9,472	14,058	33,527
TOTAL	\$ 34,463	\$ 38,442	\$ 34,769	\$ 28,334	\$ 29,787	\$ 25,723	\$191,518



CAPITAL IMPROVEMENT PROGRAM (\$1,000s)

The 2008 Fiscal Year CIP Budget contains 82 projects. The costs for the work planned for Fiscal Year 2008 is \$34.5 million. Of the 82 projects planned for Fiscal Year 2008, 18 are designated as reimbursable projects with estimated costs of \$1.5 million. These projects are built by developers and reimbursed by the District.

CIP No.	Description	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Total
CAPITAL FACILITY PROJECTS								
P2009	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site	\$ 1,150	\$ 9,770	\$ 6,865	\$ 45	\$ -	\$ -	\$ 17,830
P2033	PL - 16-Inch, 1296 Zone, Melody Road - Campo/Presilla	5	185	1,160	470	-	-	1,820
P2037	Res - 980-3 Reservoir 15 MG	200	200	800	4,500	7,825	50	13,575
P2038	PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements	980	505	-	-	-	-	1,485
P2040	Res - 1655-1 Reservoir 0.5 MG	1	1	85	700	795	-	1,582
P2129	Groundwater Exploration Program	10	10	15	25	630	1,280	1,970
P2143	Res - 1296-3 Reservoir 2 MG	1,200	1,800	50	-	-	-	3,050
P2172	PS - 1485-1 Pump Station Replacement	200	1,200	500	-	-	-	1,900
P2185	Res - 640-1 Reservoir 20.0 MG	15,000	6,000	500	-	-	-	21,500
P2190	PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive	5	5	120	95	-	-	225
P2191	Res - 850-4 Reservoir 2.2 MG	750	1,800	100	-	-	-	2,650
P2258	PS - Lower Otay Pump Station Phase 1 (9,000 GPM)	50	-	-	-	2,000	3,670	5,720
P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations	150	-	-	-	-	-	150
P2295	624-1 Reservoir Disinfection Facility, Inlet/Outlet/Bypass and 613-1 Reservoir Demolition	550	-	-	-	-	-	550
P2318	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections	-	200	345	-	-	-	545
P2370	Res - Dorchester Reservoir and Pump Station Demolition	-	-	-	65	70	-	135
P2387	PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo	270	185	-	-	-	-	455
P2450	Otay River Groundwater Well Demineralization/Development	115	85	800	3,600	400	-	5,000
P2451	Rosarito Desalination Facility Conveyance System	5	5	15	80	95	800	1,000
P2457	Otay Mountain Groundwater Well Development	10	290	6,000	200	-	-	6,500
P2460	I.D. 7 Trestle and Pipeline Demolition	20	55	300	-	-	-	375
P2462	Otay River Demineralization Feasibility Study	200	-	-	-	-	-	200
P2463	South Bay Regional Concentrate Conveyance Feasibility Study	25	100	-	-	-	-	125
P2464	San Diego 17 Pump Station and Flow Control Facility	750	7,500	8,000	-	-	-	16,250
P2465	Regulatory Site Material Storage Bins	30	220	-	-	-	-	250
P2466	Regional Training Facility	100	100	-	-	-	-	200
P2467	San Diego Formation Groundwater Feasibility Study	800	800	-	-	-	-	1,600
R2001	RecRes - 450-1 Reservoir 12 MG	50	-	-	-	-	-	50
R2004	RecPS - 680-1 Pump Station (11,500 GPM)	50	-	-	-	-	-	50
R2034	RecRes - 860-1 Reservoir 4 MG	-	100	395	1,800	1,500	-	3,795
R2053	RWCWRF - R.O. Building Remodel and Office Furniture	305	50	-	-	-	-	355
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	50	50	378	1,000	1,500	-	2,978
R2081	RecPL - 20-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1	900	300	-	-	-	-	1,200
R2087	RecPL - 20-Inch, 944 Zone, Wueste Road - Olympic/Otay WTP	50	50	2,000	1,400	85	-	3,585
R2088	RecPL - 20-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir	50	50	149	1,000	250	-	1,499
R2089	North District Recycled Water Regulatory Compliance	195	-	-	-	-	-	195
R2090	MBR Water Recycling Facility Feasibility Study	40	-	-	-	-	-	40
R2091	RecPS - 944-1 Pump Station Upgrade	325	-	-	-	-	-	325
R2092	Dis - 450-1 Reservoir Disinfection Facility	300	800	-	-	-	-	1,100
S2016	Solar Panel Installation Phase I	10	25	200	200	200	-	635
40	Total Capital Facility Projects	24,901	32,441	28,777	15,180	15,350	5,800	122,449
REPLACEMENT/RENEWAL PROJECTS								
P2356	PL - 12-Inch, 803 Zone, Jamul Drive Petrostran Pipeline Replacement	420	266	-	-	-	-	686
P2366	APCD Engine Replacements and Retrofits	160	170	180	190	220	-	920
P2382	Safety and Security Improvements	90	90	90	89	-	-	359
P2416	SR-125 Utility Relocations	190	-	-	-	-	-	190
P2422	Agency Interconnections	300	300	300	300	300	300	1,800
P2440	I-905 Utility Relocations	360	300	-	-	-	-	660
P2441	NG/RAMAR Meter Replacements	100	-	-	-	-	-	100

CAPITAL IMPROVEMENT PROGRAM (\$1,000s)

CIP No.	Description	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Total
REPLACEMENT/RENEWAL PROJECTS								
P2447	Information Technology Meter Routing	80	-	-	-	-	-	80
P2453	SR-11 Utility Relocations	5	165	125	680	655	670	2,300
P2455	Data Cleansing Project	160	-	-	-	-	-	160
P2456	Air and Vacuum Valve Upgrades	520	550	580	600	620	640	3,510
P2458	AMR Manual Meter Replacement	1,250	1,375	1,500	1,650	1,700	1,750	9,225
P2459	Olive Vista Drive Utility Relocations	1,100	-	-	-	-	-	1,100
P2468	Finance Department Office Remodel	50	-	-	-	-	-	50
R2086	RWCWRF Force Main AirVac Replacements and Road Improvements	670	-	-	-	-	-	670
S2012	SVSD Outfall and RSD Replacement and OM Reimbursement	605	365	270	340	350	360	2,290
S2015	Calavo Lift Station Replacement	585	-	-	-	-	-	585
17	Total Replacement/Renewal Projects	6,645	3,581	3,045	3,849	3,845	3,720	24,685
CAPITAL PURCHASE PROJECTS								
P2282	Vehicle Capital Purchases	210	220	220	220	220	220	1,310
P2286	Field Equipment Capital Purchases	91	100	100	100	100	100	591
P2353	Information Technology System Enhancements and Replacements	365	350	-	-	-	-	715
P2361	Information Technology GIS Enhancements	150	100	-	-	-	-	250
P2363	Information Technology Utility Billing, Data Management, and Financial System	200	100	-	-	-	-	300
P2443	Information Technology Mobile Services	240	-	-	-	-	-	240
P2461	Records Management System Upgrade	150	-	-	-	-	-	150
7	Total Capital Purchase Projects	1,406	870	320	320	320	320	3,556
DEVELOPER REIMBURSEMENT PROJECTS								
P2070	PL - 16-Inch, 980 Zone, Pacific Bay Homes Road- Proctor Valley/Rolling Hills Hydro	550	-	-	-	-	-	550
P2121	PL - 16-Inch, 711 Zone, Hunte Parkway - Olympic/EastLake	1	-	-	-	-	-	1
P2133	PL - 16-Inch, 711 Zone, EastLake Parkway - Olympic/Birch	1	-	-	-	-	-	1
P2164	PL - 20-Inch, 980 Zone, EastLake Parkway - Olympic/Birch	1	-	-	-	-	-	1
P2169	PL - 20-Inch, 980 Zone, EastLake Parkway - Birch/Rock Mountain	325	-	-	-	-	-	325
P2325	PL - 10" to 12" Oversize, 1296 Zone, PB Road - Rolling Hills Hydro PS/PB Bndy	130	-	-	-	-	-	130
P2367	PL - 16-Inch, 980 Zone, Olympic Parkway - East Palomar/EastLake	-	850	415	-	-	-	1,265
P2397	PL - 12-Inch, 711 Zone, EastLake Parkway - Birch/Rock Mountain	175	-	-	-	-	-	175
P2414	PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy	10	-	-	-	-	-	10
P2435	PL - 16-Inch, 711 Zone, Birch Road - La Media/SR-125	30	-	-	-	-	-	30
R2031	RecPL - 12-Inch, 944 Zone, EastLake Parkway - Olympic/Birch	1	-	-	-	-	-	1
R2033	RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake	50	-	-	-	-	-	50
R2040	RecPL - 12-Inch, 680 Zone, Hunte Parkway - Olympic/EastLake	1	-	-	-	-	-	1
R2041	RecPL - 8-Inch, 944 Zone, EastLake Parkway - Birch/Rock Mountain	1	-	-	-	-	-	1
R2043	RecPL - 8-Inch, 944 Zone, Rock Mountain Road - La Media/SR-125	235	-	-	-	-	-	235
R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta	-	300	300	300	300	480	1,680
R2082	RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage	-	-	500	500	500	246	1,746
R2084	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	-	-	-	-	-	1,099	1,099
18	Total Developer Reimbursement Projects	1,511	1,150	1,215	800	800	1,825	7,301
82	Total - FY 2008 Projects	34,463	38,042	33,357	20,149	20,315	11,665	157,991
12	FY 2009 Through FY 2013 Projects	-	400	1,412	8,185	9,472	14,058	33,527
	Grand Totals	\$ 34,463	\$ 38,442	\$ 34,769	\$ 28,334	\$ 29,787	\$ 25,723	191,518

CIP JUSTIFICATION AND IMPACT ON OPERATING BUDGET

As the District grows and constructs new capital assets, the cost to maintain these new assets will be added to the operating budget as they are brought into service. To determine the cost to maintain these new assets, the District looks at the cost of maintaining similar assets through the Infrastructure Management System and financial system. Costs are tracked by three main infrastructure asset groups of pipes, pump stations and reservoirs, as well as capital purchases and other types. Pipes typically have only operation and maintenance (O&M) costs associated with them, pump stations have O&M as well as power cost, and reservoirs have O&M and chemical cost. Each of the capital purchases and other types has its own unique O&M cost ⁽¹⁾.

When the new assets are built or acquired for expansion or betterment, it is assumed that there will be new operating costs associated with them. Some projects such as the Automated Meter Reading program actually reduce operating costs through the automation process.

Projected Incremental Operating Expenditures										
CIP No.	Description	J/FS ⁽²⁾	Total	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Total
CAPITAL FACILITY PROJECTS										
P2009	PL - 36-Inch, SDCWA Otay	E	\$ 8,700	\$ -	\$ -	\$ 4,400	\$ 8,700	\$ 9,000	\$ 9,300	\$ 31,400
P2033	PL - 16-Inch, 1296 Zone	E	2,200	-	-	-	-	2,200	2,300	4,500
P2037	Res - 980-3 Reservoir	E	28,200	-	-	-	-	-	28,200	28,200
P2038	PL - 12-Inch, 978 Zone	B/R	1,500	-	-	1,500	1,500	1,500	1,500	6,000
P2040	Res - 1655-1 Reservoir	B	900	-	-	-	-	500	900	1,400
P2143	Res - 1296-3 Reservoir	E	3,800	-	-	1,900	3,800	3,900	4,000	13,600
P2172	PS - 1485-1 Pump Station	B/R	7,400	-	-	7,400	7,600	7,800	8,000	30,800
P2185	Res - 640-1 Reservoir	E/B	37,600	-	-	18,800	37,600	38,700	39,900	135,000
P2190	PL - 10-Inch, 1485 Zone	B	400	-	-	-	-	400	400	800
P2191	Res - 850-4 Reservoir	E/B	4,200	-	-	4,200	4,300	4,400	4,500	17,400
P2295	624-1 Reservoir Disinfect	E/B/R	8,400	8,400	8,700	9,000	9,300	9,600	9,900	54,900
P2318	PL - 20-Inch, 657 Zone	B	100	-	-	-	100	100	100	300
P2357	PS - 657-1/850-1 Pump Station	B	(44,400)	-	-	-	-	-	(44,400)	(44,400)
P2370	Res - Dorchester Reservoir	B	(4,800)	-	-	-	-	-	(4,800)	(4,800)
P2387	PL - 12-Inch, 832 Zone	B	600	-	-	600	600	600	600	2,400
P2447	IT Meter Routing	E/R	3,600	-	3,600	3,700	3,800	3,900	4,000	19,000
P2450	Otay River Groundwater Well	E	27,900	-	-	-	-	-	27,900	27,900
P2457	East Otay Mesa Groundwater	E	11,200	-	-	-	-	11,200	11,500	22,700
P2458	AMR Retrofit	B/R	(226,400)	(36,500)	(34,500)	(34,700)	(39,300)	(40,400)	(41,000)	(226,400)
P2464	San Diego 17 PS and Flow Control Facility	E	308,200	-	-	-	308,200	317,400	326,900	952,500
R2001	RecRes - 450-1 Reservoir	E	11,800	11,800	12,200	12,600	13,000	13,400	13,800	76,800
R2004	RecPS - 680-1 Pump Station	E	170,100	170,100	175,200	180,500	185,900	191,500	197,200	1,100,400
R2034	RecRes - 860-1 Reservoir	E	7,500	-	-	-	-	-	7,500	7,500
R2077	RecPL - 24-Inch, 860 Zone	E	2,700	-	-	-	-	-	2,700	2,700
R2081	RecPL - 16-Inch, 944 Zone	E	2,700	-	2,700	2,800	2,900	3,000	3,100	14,500
R2087	RecPL - 16-Inch, 944 Zone	E	1,500	-	-	-	-	1,500	1,500	3,000
R2088	RecPL - 24-Inch, 860 Zone	E	2,400	-	-	-	-	2,400	2,500	4,900
R2091	RecPS - 944-1 Pump Station Upgrade	E/B	107,900	-	107,900	111,100	114,400	117,800	121,300	572,500
R2092	Dis - 450-1 Res Disinfection Facility	B	10,700	-	-	10,700	11,000	11,300	11,600	44,600
Total Capital Facility Projects			\$ 704,800	\$ 153,800	\$ 275,800	\$ 334,500	\$ 673,400	\$ 711,700	\$ 750,900	\$ 2,900,100

(1) O&M costs include labor and benefits, materials, and overhead.

(2) J/FS - Justification and Funding Source - Some projects have multiple funding sources as indicated by a slash (/):

E - Expansion

B - Betterment

R - Replacement

Note: See pages 27-28 for complete description of CIP projects.

CIP JUSTIFICATION AND IMPACT ON OPERATING BUDGET

Projected Incremental Operating Expenditures										
CIP No.	Description	J/FS ⁽²⁾	Total	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Total
CAPITAL PURCHASE PROJECTS										
P2286	Field Equipment Capital Purch	R	\$ 1,500	\$ 800	\$ 2,000	\$ 4,100	\$ 8,400	\$ 17,300	\$ 35,600	\$ 68,200
P2443	IT Mobile Services	E/R	18,000	-	18,000	18,500	19,100	19,700	20,300	95,600
Total Capital Purchase Projects			19,500	800	20,000	22,600	27,500	37,000	55,900	163,800
DEVELOPER REIMBURSEMENT PROJECTS										
P2070	PL - 16-Inch, 980 Zone	E	1,000	-	1,000	1,000	1,000	1,000	1,000	5,000
P2107	PL - 12-Inch, 711 Zone	E	1,700	-	-	-	-	-	1,700	1,700
P2121	PL - 16-Inch, 711 Zone	E	2,900	2,900	3,000	3,100	3,200	3,300	3,400	18,900
P2133	PL - 16-Inch, 711 Zone	E	1,900	1,900	2,000	2,100	2,200	2,300	2,400	12,900
P2134	PL - 16-Inch, 711 Zone	E	1,000	-	-	-	1,000	1,000	1,000	3,000
P2164	PL - 20-Inch, 980 Zone	E	900	900	900	900	900	900	900	5,400
P2169	PL - 20-Inch, 980 Zone		900	-	900	900	900	900	900	4,500
P2325	PL - 10" to 12" Oversize	E	2,300	-	2,300	2,400	2,500	2,600	2,700	12,500
P2367	PL - 16-Inch, 980 Zone	E	3,300	-	-	1,700	3,300	3,400	3,500	11,900
P2397	PL - 12-Inch, 711 Zone		300	-	300	300	300	300	300	1,500
P2402	PL - 12-Inch, 624 Zone	E	1,000	-	-	-	-	1,000	1,000	2,000
P2414	PL - 12" to 16" Oversize	E	2,400	2,400	2,500	2,600	2,700	2,800	2,900	15,900
P2435	PL - 16-Inch, 711 Zone	E	1,400	-	1,400	1,400	1,400	1,400	1,400	7,000
R2028	RecPL - 8-Inch, 680 Zone		2,400	-	-	-	-	2,400	2,500	4,900
R2031	RecPL - 12-Inch, 944 Zone	E	900	900	900	900	900	900	900	5,400
R2033	RecPL - 12-Inch, 944 Zone	E	2,100	-	2,100	2,200	2,300	2,400	2,500	11,500
R2040	RecPL - 12-Inch, 680 Zone	E	2,900	2,900	3,000	3,100	3,200	3,300	3,400	18,900
R2041	RecPL - 8-Inch, 944 Zone	E	1,400	1,400	1,400	1,400	1,400	1,400	1,400	8,400
R2042	RecPL - 8-Inch, 944 Zone	E	900	-	-	-	500	900	900	2,300
R2043	RecPL - 8-Inch, 944 Zone	E	1,200	-	1,200	1,200	1,200	1,200	1,200	6,000
R2047	RecPL - 12-Inch, 680 Zone	E	1,400	-	-	-	700	1,400	1,400	3,500
R2058	RecPL - 16-Inch, 860 Zone	E	5,400	-	-	-	-	-	5,400	5,400
R2082	RecPL - 24-Inch, 680 Zone	E	3,100	-	-	-	-	-	3,100	3,100
R2083	RecPL - 20-Inch, 680 Zone	E	700	-	700	700	700	700	700	3,500
R2085	RecPL - 20-Inch, 680 Zone	E	900	-	-	-	-	-	900	900
Total Developer Reimbursement Projects			51,400	13,300	23,600	25,900	30,300	35,500	47,400	176,000
Total Operating Budget Cost Impact			\$ 775,700	\$ 167,900	\$ 319,400	\$ 383,000	\$ 731,200	\$ 784,200	\$ 854,200	\$ 3,239,900

The preceding schedule shows anticipated operating costs associated with each project in the CIP, and below is a summary of each category of new costs that will be impacted. No additional revenues are associated with the individual projects, as revenues

Cost Category	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Total
Operations and Maintenance	\$ 13,700	\$ 68,700	\$ 95,900	\$ 163,700	\$ 189,700	\$ 241,900	\$ 773,600
Energy	144,800	241,000	254,500	524,500	549,100	547,100	2,261,000
Chemical	9,400	9,700	32,600	43,000	45,400	65,200	205,300
Total Operating Budget Cost Impact	\$ 167,900	\$ 319,400	\$ 383,000	\$ 731,200	\$ 784,200	\$ 854,200	\$ 3,239,900

Otay Water District FY 2008 Plus Five Year CIP Project Schedules

This schedule provides the start and finish dates of each project, including all relevant prior years up through FY 2013.

ID	CIP	Task Name	Start	Finish	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14					
Project Category: Capital Facility Projects			7/3/89	6/30/13																														
1	P2009	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regul:	7/3/97	7/30/10																														
34	P2033	PL - 16-Inch, 1296 Zone, Hillsdale Drive - Campc	7/5/05	6/30/11																														
2	P2037	Res - 980-3 Reservoir 15.0 MG	7/3/89	6/28/13																														
3	P2038	PL - 12-Inch, 978 Zone, Jamacha and Hidden Me	7/5/05	3/30/09																														
4	P2040	Res - 1655-1 Reservoir 0.5 MG	7/6/93	12/30/11																														
5	P2129	Groundwater Exploration Program	7/4/95	6/30/13																														
6	P2143	Res - 1296-3 Reservoir 2.0 MG	11/5/01	12/30/09																														
7	P2172	PS - 1485-1 Pump Station Replacement	7/4/01	7/30/09																														
8	P2185	Res - 640-1 Reservoir 20.0 MG	11/7/91	2/28/10																														
9	P2190	PL - 10-Inch, 1485 Zone, Jamul Highlands Road	7/5/05	6/30/11																														
41	P2191	Res - 850-4 Reservoir 2.2 MG	7/3/03	7/30/09																														
42	P2258	PS - Lower Otay Pump Station Phase 1 (9,000 G	9/19/97	6/30/13																														
43	P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilati	7/3/97	6/30/08																														
10	P2295	624-1 Reservoir Disinfection Facility, Inlet/Outlet/	7/6/94	6/30/08																														
46	P2318	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 3l	11/5/97	6/30/10																														
54	P2370	Res - Dorchester Reservoir and Pump Station De	7/5/05	6/30/12																														
56	P2387	PL - 12-Inch, 832 Zone, Steele Canyon Road - Vi	7/5/05	3/30/09																														
65	P2450	Otay River Groundwater Well Demineralization/D	7/1/07	6/28/12																														
66	P2451	Rosarito Desalination Facility Conveyance System	7/4/06	6/30/13																														
70	P2457	Otay Mountain Groundwater Well Development	7/4/06	6/30/11																														
73	P2460	I.D. 7 Trestle and Pipeline Demolition	7/2/07	6/30/10																														
75	P2462	Otay River Demineralization Feasibility Study	7/2/07	6/30/08																														
76	P2463	South Bay Regional Concentrate Conveyance Fe	7/2/07	6/30/09																														
77	P2464	San Diego 17 Pump Station and Flow Control Fa	7/2/07	6/30/10																														
78	P2465	Regulatory Site Material Storage Bins	7/2/07	12/31/08																														
79	P2466	Regional Training Facility	8/2/06	1/30/09																														
80	P2467	San Diego Formation Groundwater Feasibility St	7/2/07	6/30/09																														
11	R2001	RecRes - 450-1 Reservoir 12.0 MG	12/1/00	8/29/07																														
12	R2004	RecPS - 680-1 Pump Station (11,500 GPM)	12/4/00	8/30/08																														
15	R2034	RecRes - 860-1 Reservoir 4 MG	9/4/06	6/30/12																														
19	R2053	RWCWRF - R.O. Building Remodel and Office Ft	7/3/97	7/30/08																														
21	R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gat	9/4/06	6/30/12																														
22	R2081	RecPL - 20-Inch, 944 Zone, Lane Avenue - Proct	7/4/06	8/30/08																														
26	R2087	RecPL - 20-Inch, 944 Zone, Wueste Road - Olym	9/4/06	9/30/11																														
27	R2088	RecPL - 20-Inch, 860 Zone, County Jail - Roll Re	9/4/06	9/30/11																														
28	R2089	North District Recycled Water Regulatory Compli	5/1/07	6/27/08																														
29	R2090	MBR Water Recycling Facility Feasibility Study	7/4/06	8/3/07																														
30	R2091	RecPS - 944-1 Pump Station Upgrade	7/2/07	6/30/08																														
31	R2092	Dis - 450-1 Reservoir Disinfection Facility	7/2/07	6/30/09																														
81	S2016	Pilot Study Solar Panel Installation	7/4/06	12/30/11																														
Project Category: Capital Purchase Projects			7/3/96	6/30/13																														
44	P2282	Vehicle Capital Purchases	12/5/00	6/30/13																														
45	P2286	Field Equipment Capital Purchases	12/5/00	6/30/13																														
48	P2353	Information Technology System Enhancements a	7/3/96	6/30/09																														

Project: OWD FY 08 CIP Schedule
Date: 9/7/07

Progress
 Summary
 External Tasks
 Deadline

Milestone
 Project Summary
 External Milestone

Otay Water District FY 2008 Plus Five Year CIP Project Schedules

This schedule provides the start and finish dates of each project, including all relevant prior years up through FY 2013.

ID	CIP	Task Name	Start	Finish	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
50	P2361	Information Technology GIS Enhancements	7/5/00	6/30/09																									
51	P2363	Information Technology Utility Billing, Data Mana	7/5/00	6/30/09																									
63	P2443	Information Technology Mobile Services	7/5/05	6/30/08																									
74	P2461	Records Management System Upgrade	7/2/07	6/30/08																									
Project Category: Developer Reimbursement			7/4/01	6/30/13																									
35	P2070	PL - 16-Inch, 980 Zone, Pacific Bay Homes Roac	7/3/03	6/30/08																									
37	P2121	PL - 16-Inch, 711 Zone, Hunte Parkway - Olympi	7/3/03	8/30/07																									
38	P2133	PL - 16-Inch, 711 Zone, EastLake Parkway - Olyr	7/3/02	8/30/07																									
39	P2164	PL - 20-Inch, 980 Zone, EastLake Parkway - Olyr	7/3/03	8/30/07																									
40	P2169	PL - 20-Inch, 980 Zone, EastLake Parkway - Birc	7/2/07	6/30/08																									
47	P2325	PL - 10" to 12" Oversize, 1296 Zone, PB Road - f	7/5/04	6/30/08																									
53	P2367	PL - 16-Inch, 980 Zone, Olympic Parkway - East	7/3/02	6/30/09																									
57	P2397	PL - 12 Inch, 711 Zone, EastLake Parkway - Birch	7/1/07	6/27/08																									
58	P2414	PL - 12" to 16" Oversize, 803 Zone, Dehesa Roai	8/5/02	12/30/07																									
36	P2435	PL - 16-Inch, 711 Zone, Birch Road - La Media/S	7/3/03	6/30/08																									
13	R2031	RecPL - 12-Inch, 944 Zone, EastLake Parkway -	7/3/02	12/30/07																									
14	R2033	RecPL - 12-Inch, 944 Zone, Birch Road - La Med	7/3/03	6/30/08																									
16	R2040	RecPL - 12-Inch, 680 Zone, Hunte Parkway - Oly	7/5/04	12/30/07																									
17	R2041	RecPL - 8-Inch, 944 Zone, EastLake Parkway - B	7/4/06	12/30/07																									
18	R2043	RecPL - 8-Inch, 944 Zone, Rock Mountain Road	7/4/06	6/30/08																									
20	R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay I	7/4/01	6/30/12																									
23	R2082	RecPL - 24-Inch, 680 Zone, Olympic Parkway - V	7/5/04	8/30/12																									
24	R2084	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/L	7/5/04	6/30/13																									
Project Category: Replacement/Renewal Proj			12/5/00	6/30/13																									
49	P2356	PL - 12-Inch, 803 Zone, Jamul Drive Permastran	7/5/05	3/30/09																									
52	P2366	APCD Engine Replacements and Retrofits	12/5/00	6/30/12																									
55	P2382	Safety and Security Improvements	7/3/02	6/30/11																									
59	P2416	SR-125 Utility Relocations	10/3/02	3/30/08																									
60	P2422	Agency Interconnections	7/2/03	6/30/13																									
61	P2440	I-905 Utility Relocations	1/3/03	6/30/09																									
62	P2441	NG/RAMAR Meter Replacements	12/4/06	6/30/08																									
64	P2447	Information Technology Meter Routing	7/4/05	6/30/08																									
67	P2453	SR-11 Utility Relocations	7/4/06	6/30/13																									
68	P2455	Data Cleansing Project	7/4/06	6/30/08																									
69	P2456	Air and Vacuum Valve Upgrades	7/4/06	6/30/13																									
71	P2458	AMR Manual Meter Replacement	7/4/06	6/30/13																									
72	P2459	Olive Vista Drive Utility Relocations	1/2/06	1/1/08																									
82	P2468	Finance Department Office Remodel	7/1/07	6/30/08																									
25	R2086	RWCWRF Force Main AirVac Replacements and	7/5/05	5/30/08																									
32	S2012	SVSD Outfall and RSD Replacement and OM Re	7/3/03	6/30/13																									
33	S2015	Calavo Lift Station Replacement	7/5/05	6/30/08																									

Project: OWD FY 08 CIP Schedule
Date: 9/7/07

Task
 Progress
 Summary
 External Tasks
 Deadline
 Split
 Milestone
 Project Summary
 External Milestone

FY 2008 CAPITAL PURCHASES

Capital purchases are non-recurring operating expense items for District-wide use that cost more than \$10,000 each and have an estimated useful life of two years or more. The Capital Purchase Projects include Vehicle, Office Equipment and Furniture, and Field Equipment purchases.

Item#	Description	Amount	Type
Field Equipment			
Engineering Development			
1	GPS Survey Equipment based on an estimate from Trimble	\$ 54,000	N
	Total Field Equipment - Engineering Development	<u>54,000</u>	
Operations			
9	Valve exercise machine for the valve program	\$ 15,000	N
11	John Deere Backhoe Hydraulic Hammer with installation and attachments	21,500	N
	Total Field Equipment - Operations	<u>36,500</u>	
Total Field Equipment		<u>90,500</u>	
Vehicles			
Operations			
10	2008 Mid-size Super Cab 4 door pickup truck or equivalent.	25,000	R
2	2008 Full-size Superduty 4 door Supercab diesel or equivalent.	30,000	R
3	2008 Full-size Superduty 4 door Supercab diesel or equivalent.	30,000	R
4	2008 Mid-size Super Cab 4 door or equivalent.	25,000	R
5	2008 Mid-size Super Cab 4 door or equivalent.	25,000	R
6	2008 Mid-size Super Cab 4 door or equivalent.	25,000	R
7	2008 Mid-size Super Cab 4 door or equivalent.	25,000	R
8	2008 Mid-size Super Cab 4 door or equivalent.	25,000	R
Total Vehicles		<u>210,000</u>	
Total Field Equipment and Vehicles Budget		<u><u>\$ 300,500</u></u>	

N - New

R - Replacement



CIP Projects

CIP PROJECT SHEET DESCRIPTION

The following pages describe each information item on the individual CIP project sheets included in this section.

CIP Number: The CIP project number for all projects is assigned by the Engineering Project Manager.

Project Title: Project titles follow a set format as described herein. The type of project should be identified first. For example, if a project were a 711 Pressure Zone 24-inch pipeline, the title would read “PL - 24-Inch, 711 Zone, Location - From A to B.” Pump stations and reservoirs are identified similarly with abbreviations for type and size.

Work Order Number: A work order number is assigned to a CIP project once it is approved by the Board of Directors. If more than one work order number is assigned to the project, then the word “various” is used and all the various work order numbers shall be identified in the comments field.

Director Division: All projects are located within a Board of Director’s division boundary unless they apply to the entire District or are outside of the District boundaries. The Director division where the majority of the physical project is located is listed. If it is a District-wide project it is listed as “District-wide.” If it is outside the District boundary it is listed as “None.”

Project Manager: The person responsible for managing the project from inception through completion.

I.D. Location: Most projects are located within one or more improvement districts. The I.D. location listed is where the majority of the physical project is located. However, projects located in portions of the District which have not yet been annexed into an improvement district are listed as “None.”

Original Approved Date: The date the project was originally approved with budget expenditures for the corresponding fiscal year by the Board of Directors.

Priority: The priority of the project is listed in this field as one of the following:

1. HIGH: Safety, restoration of service to customers, obligation that requires immediate action, directed by the Board of Directors, and/or critical system need.
2. MEDIUM: Upgrade of system or expansion requirement to maintain system reliability not critical. Identified through planning effort as required within next few fiscal years.
3. LOW: Identified through planning effort as required in future years to support development; not anticipated in the immediate future.
4. VERY LOW: Requirement may have low probability of need in the future.

Related CIP Projects: A maximum of three CIP project numbers that affect the scheduling and/or is related to the subject project and/or could provide important information.

Budget Amount: The estimated budget includes all costs needed to complete a project including land, right-of-way, consultants, contractors, District staff time, etc. All prior years' costs are part of the total cost and dollars are rounded up to the nearest \$1,000.

Description of Project: A brief description of a project which typically includes size, length, capacity, etc.

Justification of Project: A brief explanation of why a project is required which addresses flexibility, reliability, water quality, safety, contractual obligation, immediate growth, etc., as appropriate.

Comments: Pertinent information that should be known about a project that is not shown elsewhere on the project sheet.

Funding Detail: The funding sources are listed along with the percentage of distribution to expansion, betterment, and/or replacement.

Expenditure Schedule: The breakdown of a project's expenditures by fiscal year. Prior years' cost along with a six-year budget schedule. Included in each year are all costs to complete the work scheduled in that year rounded up to the nearest \$1,000.

Project Schedule: The schedule of the primary project phase shown with the estimated start date (month/year) and finish date (month/year). The schedule time frames must correspond with the expenditure schedule information.

Project Incremental Operation Expenditures: To determine the cost to maintain these new assets, the District looks at the cost of maintaining similar assets through the Infrastructure Management System and financial system. Costs are tracked by three main infrastructure asset groups of pipes, pump stations, and reservoirs, as well as capital purchases and other types. Pipes typically have only operation and maintenance (O&M) costs associated with them, pump stations have O&M as well as power cost, and reservoirs have O&M and chemical cost. Each of the capital purchases and other types has its own unique O&M cost.

Project Location: A vicinity map is drawn in AutoCAD format using the GIS database as the foundation showing the approximate location and limits of a project within the District. Some projects do not have a specific location and apply District-wide. In this case, a map of the entire District will then be shown as the project location.

Thomas Bros. Map: The Thomas Brothers' map page is inserted in this field to show where the project is primarily located. Some projects do not have a specific location in which case the words "District-wide" will be shown.

OWD Map Book: The page in the District’s facility map book where a project is primarily located. Some projects do not have a specific location in which case the words “District-wide” will be shown.

Submitted By: The project manager who originally submitted or the project manager who revised the project sheet along with the date of submittal or last revision date of the CIP project sheet.



CIP PROJECT INDEX

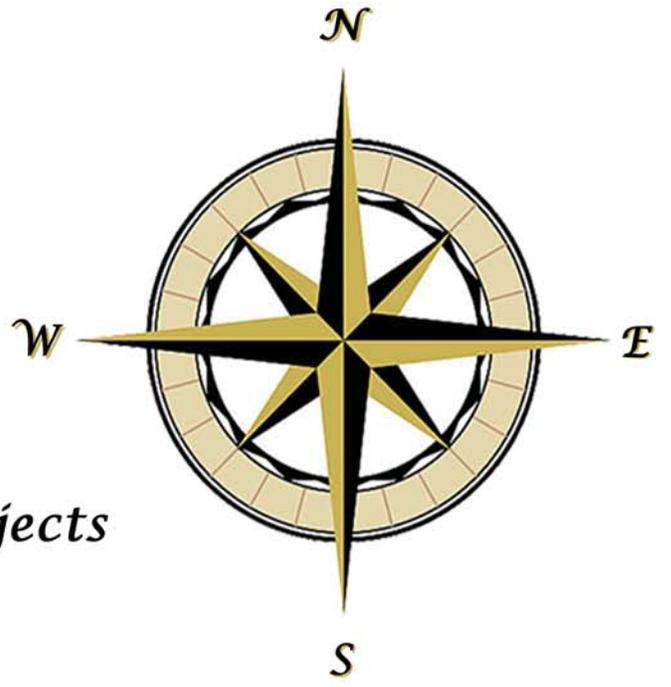
CIP No.	PROJECT DESCRIPTION	PAGE
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Capital Facility Projects

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2009

PROJECT TITLE:	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Juybari	I.D. LOCATION:	3
ORIGINAL APPROVED DATE:	7/16/1997	PRIORITY	1
RELATED CIP PROJECTS:	P2038	BUDGET AMOUNT:	\$18,490,000

DESCRIPTION OF PROJECT
Construction of approximately 25,500 feet of 36-inch pipeline from SDCWA Otay FCF No. 14 to the Regulatory Site and fund 50% of the cost to upgrade FCF No. 14 to a capacity of 16 mgd.

JUSTIFICATION OF PROJECT:
The East County Regional Treated Water Improvement Program(ECRTWIP) Agreement was approved by Otay WD Board in December 2005 and by the SDCWA Board in February 2006. Per terms of the agreement Otay WD is obligated to construct the pipeline by March 1, 2010 and SDCWA is have operational FCF No. 14 as well.

COMMENTS:
SDCWA will provide \$4.2 million in funds towards construction the pipeline. The cost estimate includes the payment of \$775,000 to SDCWA. See Work Order Nos. 2102 and 30136.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
North District Storage	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$660	\$1,150	\$9,770	\$6,865	\$45			\$18,490

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

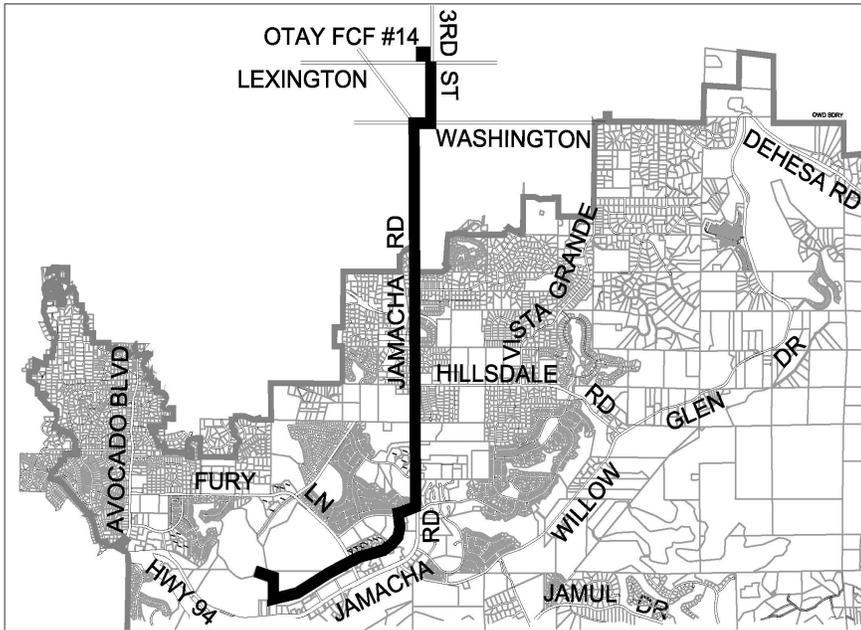
CIP Number: P2009

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/97	10/07
DESIGN:	11/07	10/08
CONSTRUCTION:	11/08	07/10

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$4,400	\$8,700	\$9,000	\$9,300

PROJECT LOCATION: **Thomas Bros. Map:** 1272 **OWD Map Book:** 356



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2033

PROJECT TITLE:	PL - 16-Inch, 1296 Zone, Melody Road - Campo/Presilla		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	9
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,826,000

DESCRIPTION OF PROJECT
Construction of approximately 6,400 feet of 16-inch main within the 1296 Pressure Zone generally along the direction of Melody Road from Campo Road to Presilla Drive.

JUSTIFICATION OF PROJECT:
This project will provide transmission capacity for development within the Rancho Jamul Estates and surrounding areas within the 1296 and higher pressure zones.

COMMENTS:
This project will be coordinated with the proposed Peaceful Valley Ranch development project.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$6	\$5	\$185	\$1,160	\$470			\$1,826

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

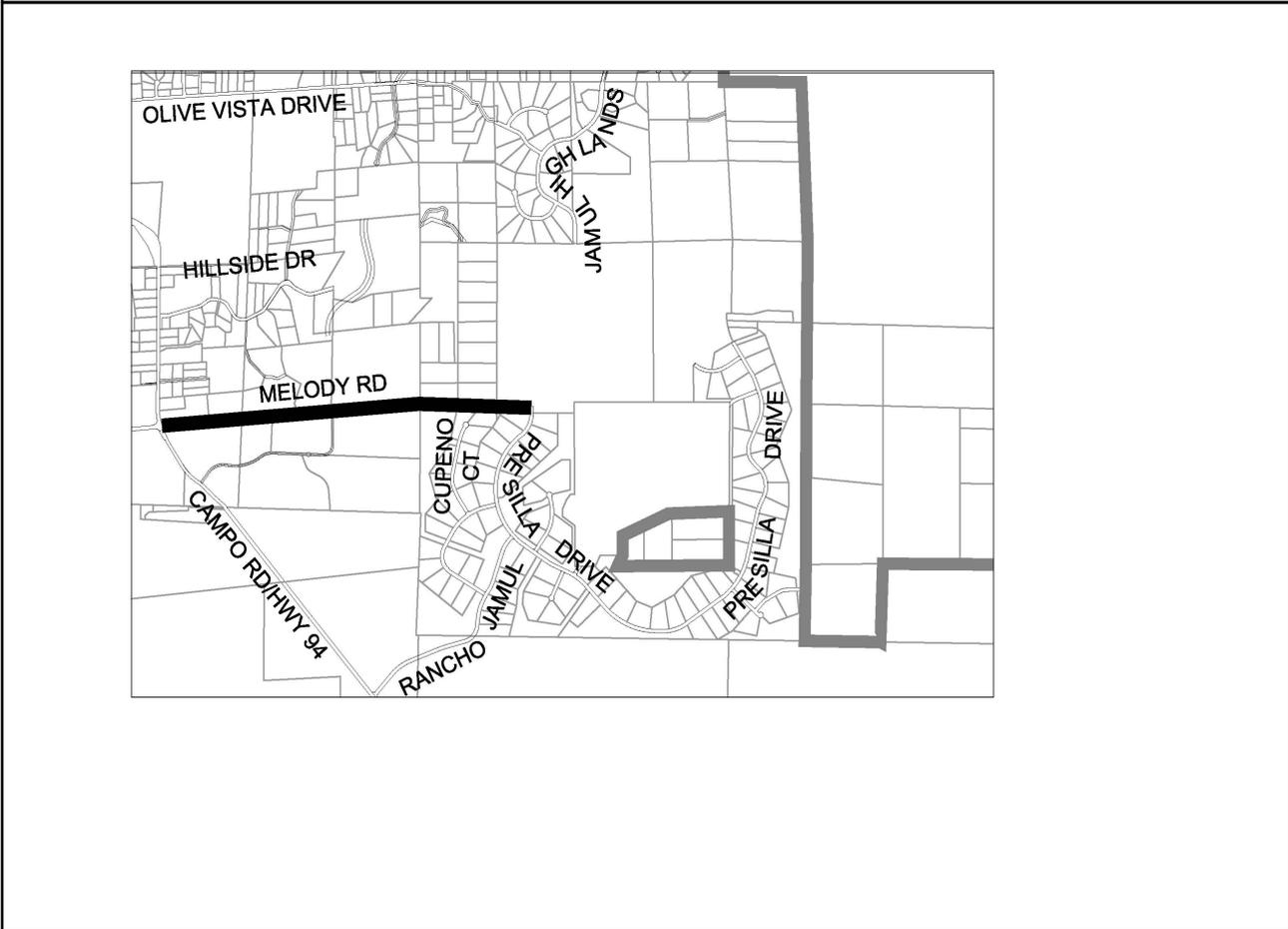
CIP Number: P2033

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	10/08
DESIGN:	11/08	06/10
CONSTRUCTION:	07/10	06/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$2,200	\$2,300

PROJECT LOCATION: Thomas Bros. Map: 1293 **OWD Map Book:** 309



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2037

PROJECT TITLE:	Res - 980-3 Reservoir 15 MG		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	3
RELATED CIP PROJECTS:	P2008, P2272, P2399, P2431	BUDGET AMOUNT:	\$14,205,000

DESCRIPTION OF PROJECT
Construction of a 15 MG reservoir adjacent to the existing 980-1 and 980-2 Reservoirs located within the District's Use Area.

JUSTIFICATION OF PROJECT:
This reservoir will be needed to meet a portion of the projected operational, emergency, and fire flow storage requirements in the 980 Pressure Zone as a result of the ongoing development of the Otay Ranch, EastLake Woods, EastLake Vistas, etc. development projects.

COMMENTS:
See Work Order Nos. 2118 and 30116.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$630	\$200	\$200	\$800	\$4,500	\$7,825	\$50	\$14,205

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

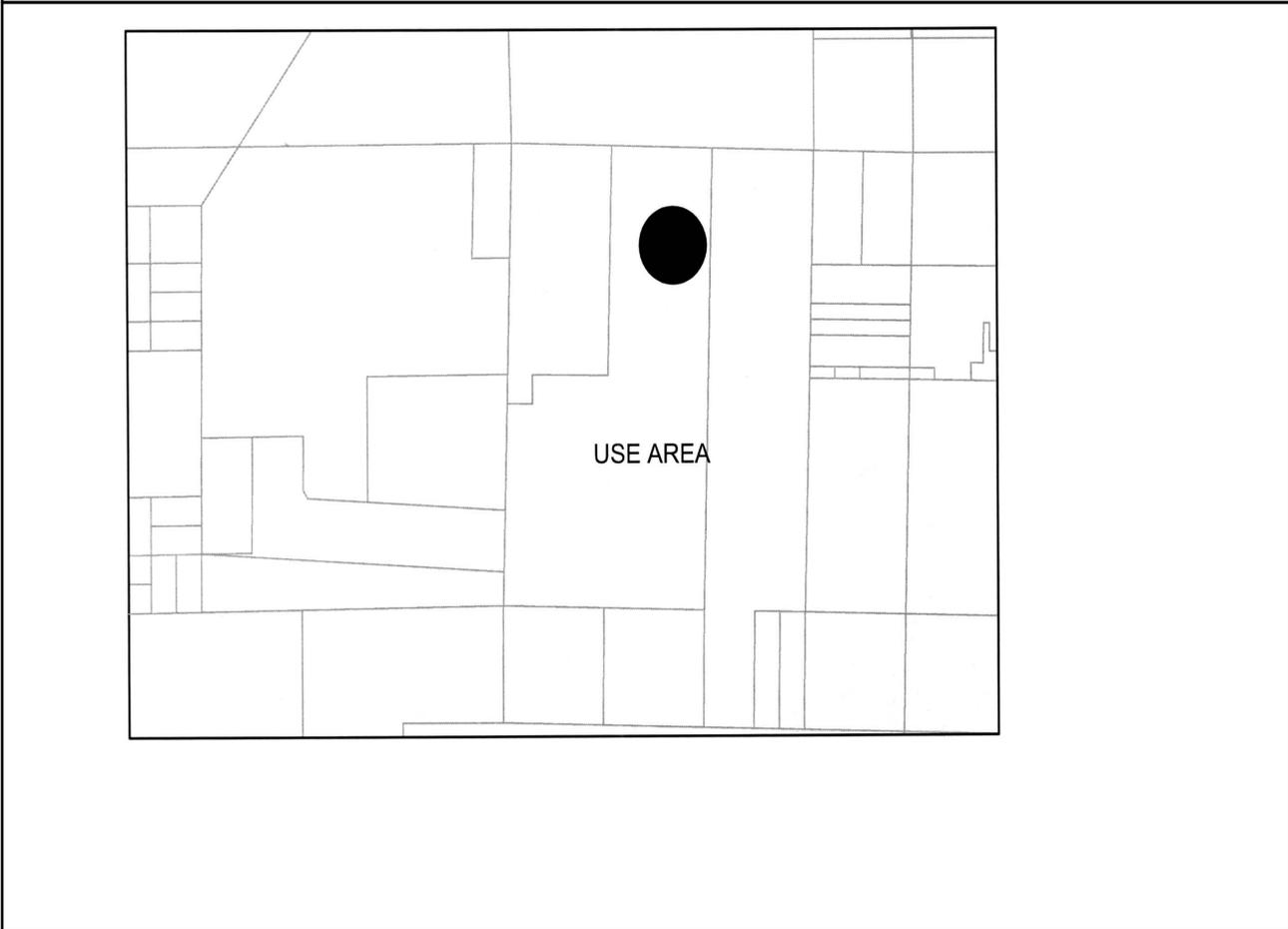
CIP Number: P2037

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/89	01/05
DESIGN:	02/05	10/07
CONSTRUCTION:	11/11	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$28,200

PROJECT LOCATION: **Thomas Bros. Map:** 1291 **OWD Map Book:** 172



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2038

PROJECT TITLE:	PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	3
ORIGINAL APPROVED DATE:	7/16/1997	PRIORITY	1
RELATED CIP PROJECTS:	P2009	BUDGET AMOUNT:	\$1,600,000

DESCRIPTION OF PROJECT
Construction of approximately 8,600 feet of 12-inch pipeline located within Jamacha Road, Hidden Mesa Road, and Chase Avenue. This project includes construction of a looped system between Hidden Mesa Road and Penasco Road.

JUSTIFICATION OF PROJECT:
The existing pipelines in Chase Avenue and Jamacha Boulevard are undersized and the existing pipeline in Hidden Mesa Road is deteriorated steel pipe that needs to be replaced and located within the roadway right-of-way away from the existing residences.

COMMENTS:
The Jamacha Road portion of this project is intended to be designed and constructed as part of CIP project P2009.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 3		50%		50%
General Fund			50%	
TOTAL		50%	50%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$115	\$980	\$505					\$1,600

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

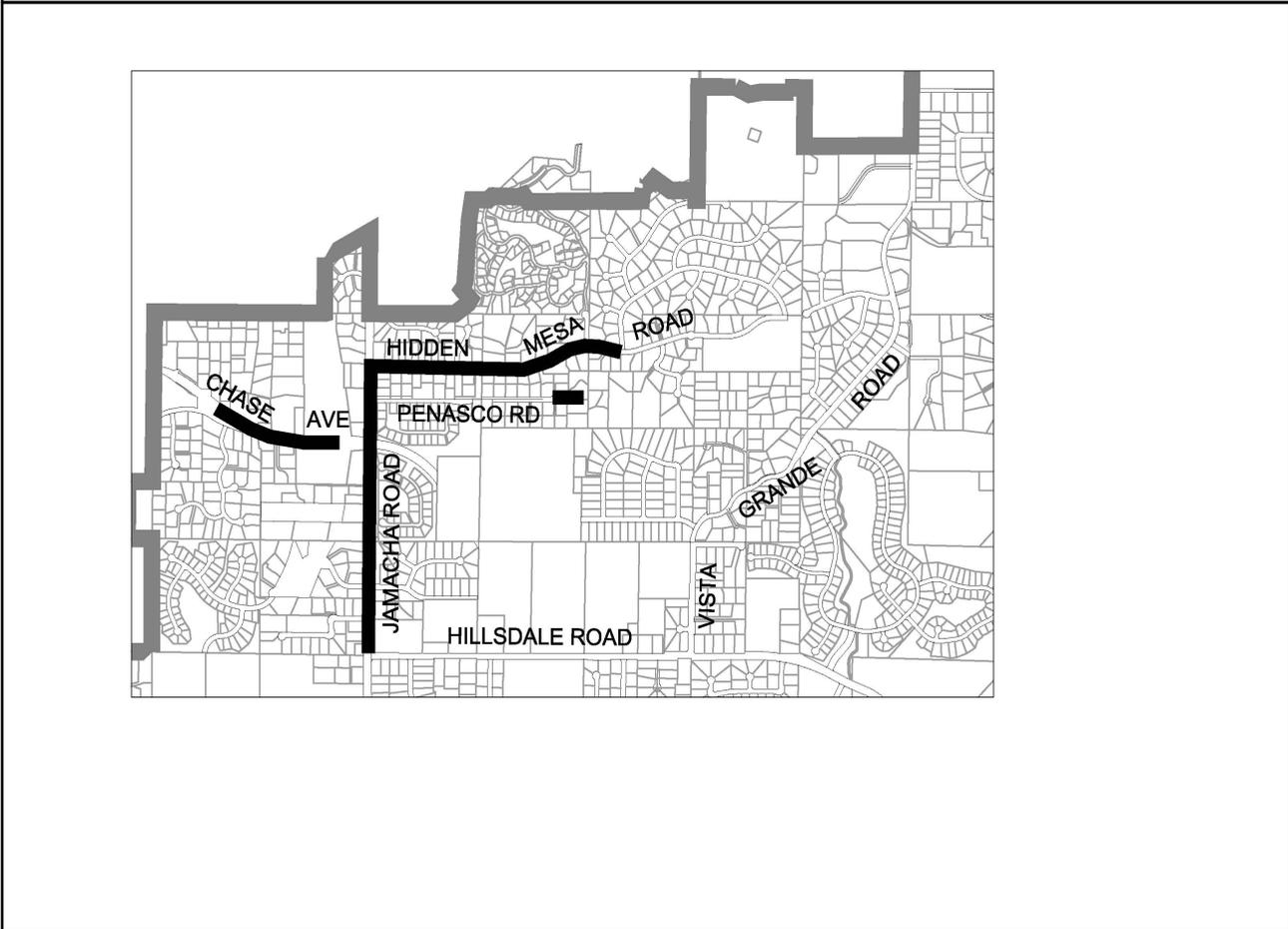
CIP Number: P2038

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	06/06
DESIGN:	07/06	10/07
CONSTRUCTION:	11/07	03/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$1,500	\$1,500	\$1,500	\$1,500

PROJECT LOCATION: Thomas Bros. Map: 1272 **OWD Map Book:** 368



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2040

PROJECT TITLE:	Res - 1655-1 Reservoir 0.5 MG		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	
ORIGINAL APPROVED DATE:	8/19/1992	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$2,055,000

DESCRIPTION OF PROJECT
 Construction of a 0.5 MG reservoir and approximately 1,500 feet of 12-inch pipeline to connect to the existing system in Presilla Drive. These improvements are located within the Rancho Jamul Estates area.

JUSTIFICATION OF PROJECT:
 The project will increase system reliability, increase service capabilities, and provide adequate fire protection for the Rancho Jamul Estates area within the 1655 Pressure Zone. The existing system is currently served with a hydropneumatic pump station.

COMMENTS:
 See Work Order Nos. 2106 and 8893.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 9		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$473	\$1	\$1	\$85	\$700	\$795		\$2,055

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

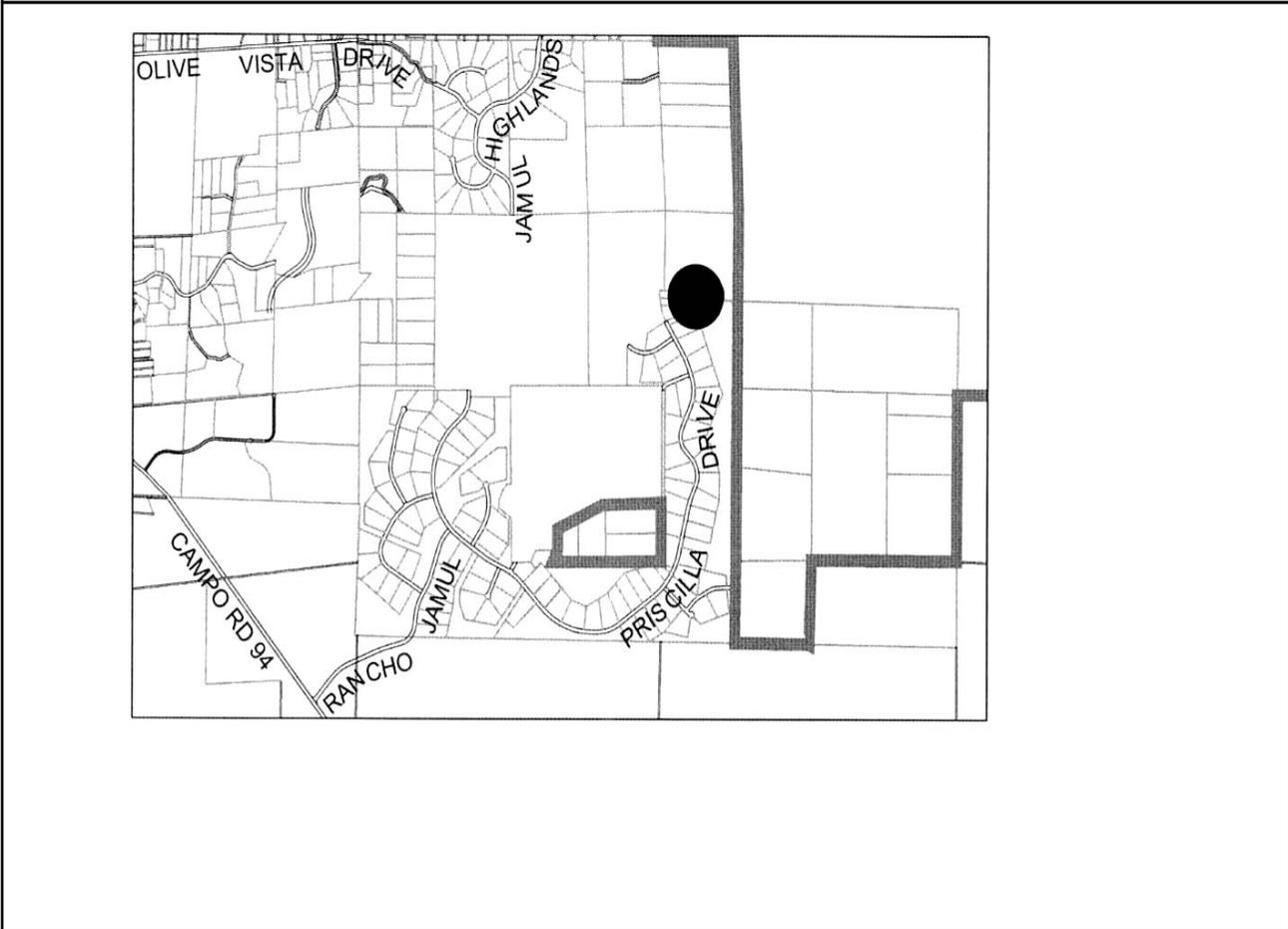
CIP Number: P2040

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/93	06/97
DESIGN:	07/97	06/10
CONSTRUCTION:	07/10	12/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$500	\$900

PROJECT LOCATION: **Thomas Bros. Map:** 1293 **OWD Map Book:** 310



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2129

PROJECT TITLE:	Groundwater Exploration Program		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/15/1994	PRIORITY	2
RELATED CIP PROJECTS:	P2348, P2434, P2450, P2457	BUDGET AMOUNT:	\$2,530,000

DESCRIPTION OF PROJECT

This project funds the planning, exploration, and preliminary investigation of groundwater wells, pumping, treatment requirements, etc., throughout the District. Once specific projects are established for design and construction, they will be set up as separate CIP projects.

JUSTIFICATION OF PROJECT:

Groundwater wells may play an important role in the District's water supply diversification and reliability goals. They can also reduce the District's dependence on imported water by creating a local source of irrigation and/or potable water.

COMMENTS:

See Work Order Nos. 2354, 8399, 8415, 8911, and 9155.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$560	\$10	\$10	\$15	\$25	\$630	\$1,280	\$2,530

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

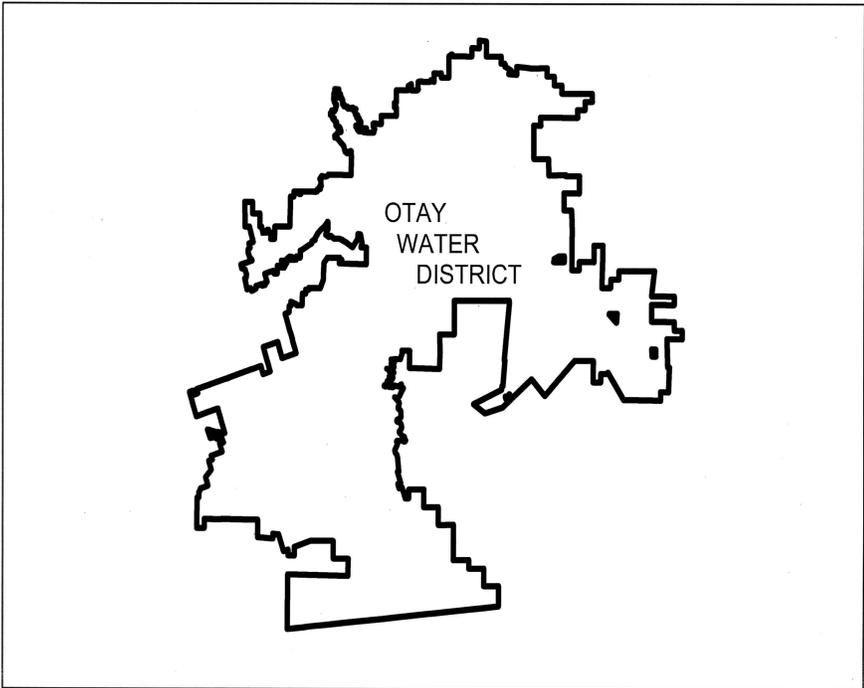
CIP Number: P2129

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/95	06/13
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2143

PROJECT TITLE:	Res - 1296-3 Reservoir 2 MG		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	9
ORIGINAL APPROVED DATE:	5/17/1995	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,340,000

DESCRIPTION OF PROJECT
Construction of a 2 MG steel reservoir on District property adjacent to the District's existing 1296-1 and 1296-2 Reservoirs at the west terminus of Bear Mountain Way.

JUSTIFICATION OF PROJECT:
This project will provide additional storage in the 1296 Pressure Zone. The 1296 Pressure Zone has an existing storage deficiency of about 0.3 million gallons. An additional 12 million gallons of storage is projected to be required at ultimate development.

COMMENTS:
See Work Order Nos. 2394 and 30106.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$290	\$1,200	\$1,800	\$50				\$3,340

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

CIP Number: P2143

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	11/01	05/07
DESIGN:	06/07	11/07
CONSTRUCTION:	12/07	12/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$1,900	\$3,800	\$3,900	\$4,000

PROJECT LOCATION: **Thomas Bros. Map:** 1292 **OWD Map Book:** 307



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2172

PROJECT TITLE:	PS - 1485-1 Pump Station Replacement		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	9
ORIGINAL APPROVED DATE:	6/16/1993	PRIORITY	1
RELATED CIP PROJECTS:	P2028	BUDGET AMOUNT:	\$2,225,000

DESCRIPTION OF PROJECT
Construction of a new pump station to replace the existing pump station and to expand capacity as projected within the Water Resources Master Plan.

JUSTIFICATION OF PROJECT:
The existing pump station is near capacity, and has reached the end of its useful life. The improved pump station systems and additional capacity are required to meet projected demands of the 1485 and higher pressure zones.

COMMENTS:
See Work Order Nos. 8212 and 30138.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 9		50%		50%
General Fund			50%	
TOTAL		50%	50%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$325	\$200	\$1,200	\$500				\$2,225

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

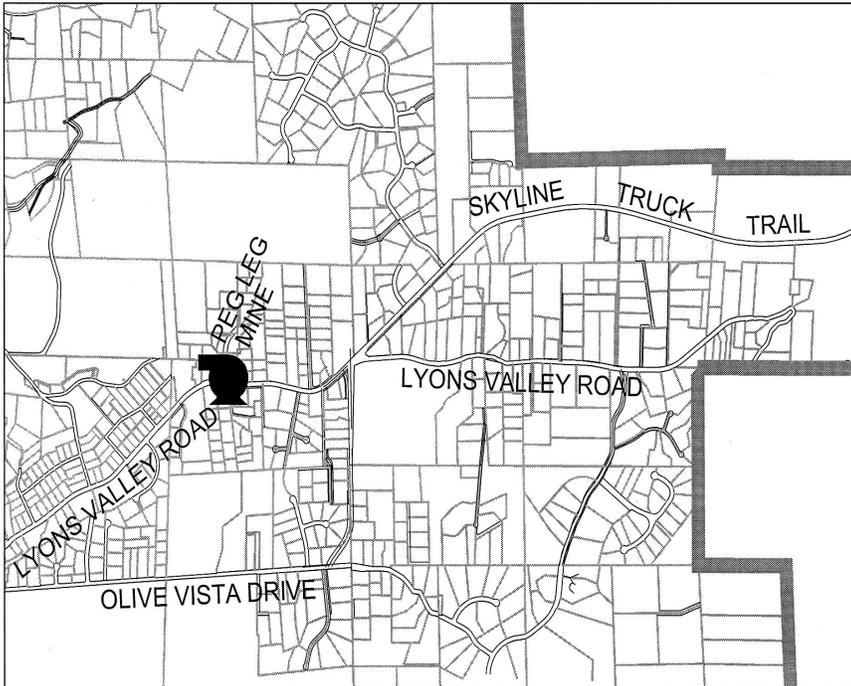
CIP Number: P2172

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/01	06/07
DESIGN:	07/07	09/07
CONSTRUCTION:	10/07	07/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$7,400	\$7,600	\$7,800	\$8,000

PROJECT LOCATION: **Thomas Bros. Map:** 1272 **OWD Map Book:** 323



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2185

PROJECT TITLE: Res - 640-1 Reservoir 20.0 MG		DIRECTOR DIVISION: 5
WORK ORDER NO: Various		I.D. LOCATION: 20
PROJECT MANAGER: Ripperger		PRIORITY: 1
ORIGINAL APPROVED DATE: 8/19/1992		BUDGET AMOUNT: \$29,500,000
RELATED CIP PROJECTS:		

DESCRIPTION OF PROJECT

This project consists of two 10 mg structures where one will provide operational storage for ultimate projected demand conditions for the planned La Presa System 640 Pressure Zone. The other 10 mg reservoir will provide emergency storage for the North District systems.

JUSTIFICATION OF PROJECT:

Storage for the La Presa System is needed to correct existing substantial deficiencies and to operate in conjunction with the existing 36-inch transmission pipeline to prevent depressurization of the La Presa System. The reservoirs will provide higher suction pressures to the 803-1 Pump Station and 832-1 Pump Station resulting in significant energy savings. The 640 Reservoir storage is required to be able to meet the 10,000 acre-feet per year demand from the Helix WD Levy WTP per terms of the ECRTWIP agreement.

COMMENTS:

See Work Order Nos. 2107, 2807, and 30018.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	3%			3%
North District Storage	50%			
I.D. 1		47%		
TOTAL	53%	47%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$8,000	\$15,000	\$6,000	\$500				\$29,500

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

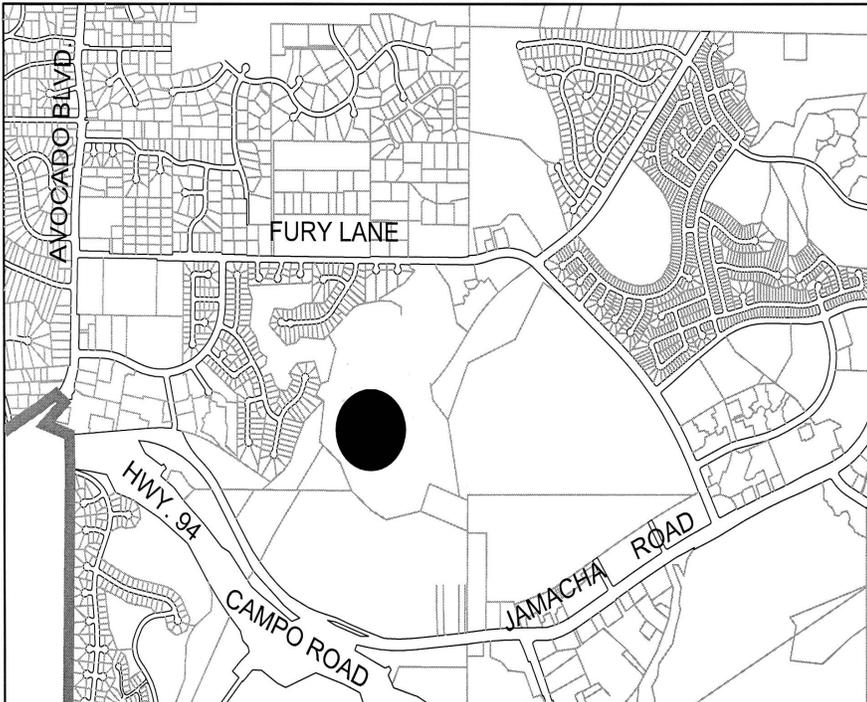
CIP Number: P2185

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	11/91	08/04
DESIGN:	09/04	11/06
CONSTRUCTION:	12/06	02/10

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$18,800	\$37,600	\$38,700	\$39,900

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 343



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2190

PROJECT TITLE:	PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	9
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	3
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$228,000

DESCRIPTION OF PROJECT
Construction of approximately 1,300 feet of 10-inch pipeline located within Jamul Highlands Road to the future extension of Presilla Drive.

JUSTIFICATION OF PROJECT:
The project will increase system reliability by providing a loop system, increase service capabilities, and insure adequate fire protection for the Rancho Jamul Estates area. The project is planned to coincide with the development of Rancho Jamul Estates Unit No. 3 and surrounding land areas.

COMMENTS:
This project is to coincide with development of Rancho Jamul Estates Unit No. 3 and/or other nearby land areas.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 9		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$3	\$5	\$5	\$120	\$95			\$228

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

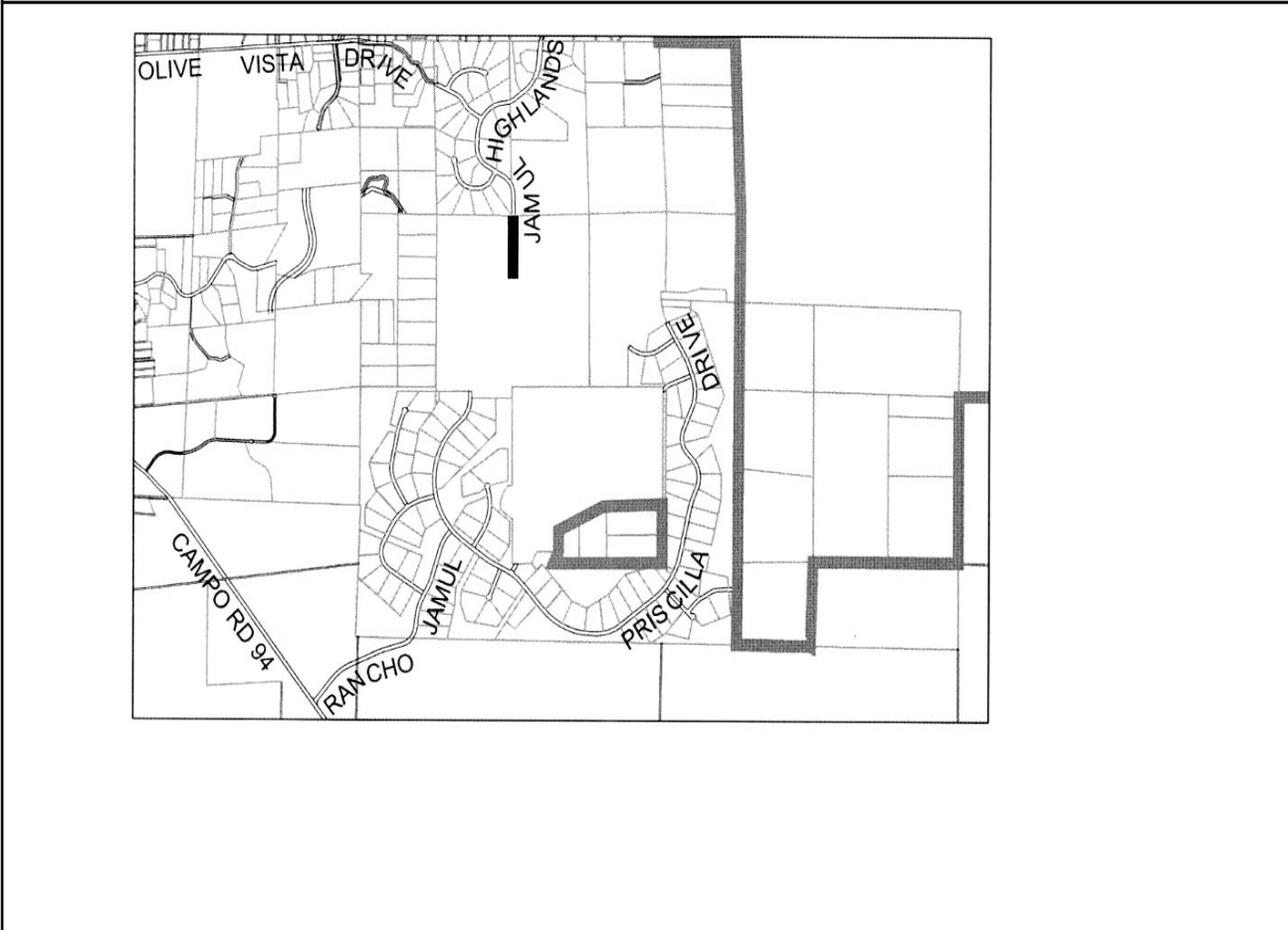
CIP Number: P2190

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	06/07
DESIGN:	07/07	06/10
CONSTRUCTION:	07/10	06/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$400	\$400

PROJECT LOCATION: **Thomas Bros. Map:** 1293 **OWD Map Book:** 310



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2191

PROJECT TITLE:	Res - 850-4 Reservoir 2.2 MG		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Kay	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	7/16/1997	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,285,000

DESCRIPTION OF PROJECT
 Construction of a 2.2 million gallon steel reservoir on District property adjacent to the existing 850-2 Reservoir in the La Presa System 850 Pressure Zone. The project is located at the South terminus of Ledge Avenue in Spring Valley.

JUSTIFICATION OF PROJECT:
 This project is required to increase operational, emergency, and fire storage in the 850 Pressure Zone. The 850 Pressure Zone storage is currently at capacity and will require this additional storage volume to meet the projected ultimate storage volume.

COMMENTS:
 See Work Order Nos. 8808 and 8943.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	27%			27%
I.D. 20		73%		73%
TOTAL	27%	73%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$635	\$750	\$1,800	\$100				\$3,285

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

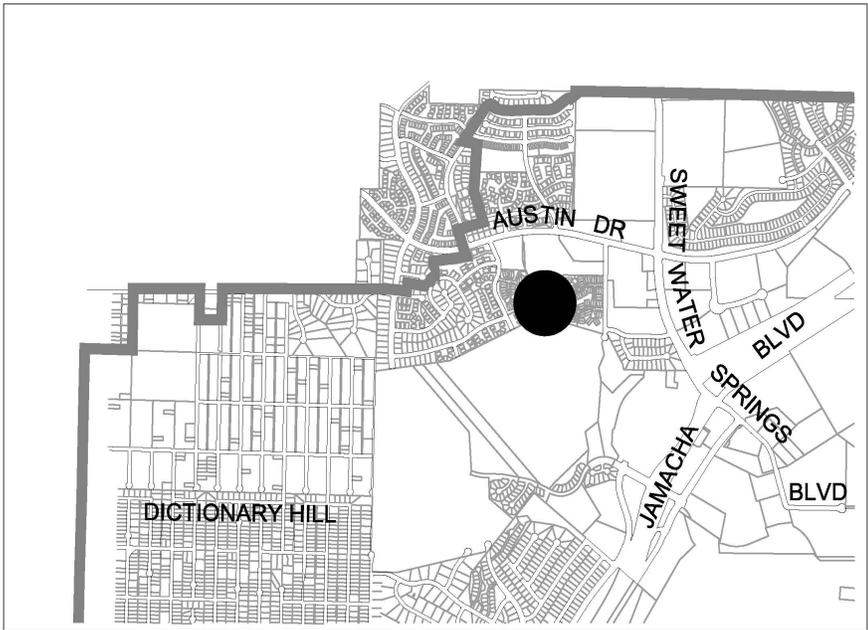
CIP Number: P2191

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	12/04
DESIGN:	01/05	11/07
CONSTRUCTION:	12/07	07/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$4,200	\$4,300	\$4,400	\$4,500

PROJECT LOCATION: **Thomas Bros. Map:** 1291 **OWD Map Book:** 317



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2258

PROJECT TITLE:	PS - Lower Otay Pump Station Phase 1 (9,000 GPM)		
WORK ORDER NO:	8696	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	
ORIGINAL APPROVED DATE:	6/3/1996	PRIORITY	2
RELATED CIP PROJECTS:	P2288, P2425	BUDGET AMOUNT:	\$7,805,000

DESCRIPTION OF PROJECT
 Construction of the Lower Otay Pump Station to obtain increased flows from the City of San Diego Otay WTP and pump water into the Central Area System 624-3 Reservoir plus the Otay Mesa System 571-1 Reservoir. An interim trailer mounted engine driven pump has been installed until the permanent pump station is constructed and placed into operation.

JUSTIFICATION OF PROJECT:
 This pump station is required to obtain increased capacity from the City of San Diego Otay WTP to meet water supply needs for the Central Area and Otay Mesa Systems. The minimum capacity of the ultimate pump station is 30 mgd.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$2,085	\$50				\$2,000	\$3,670	\$7,805

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

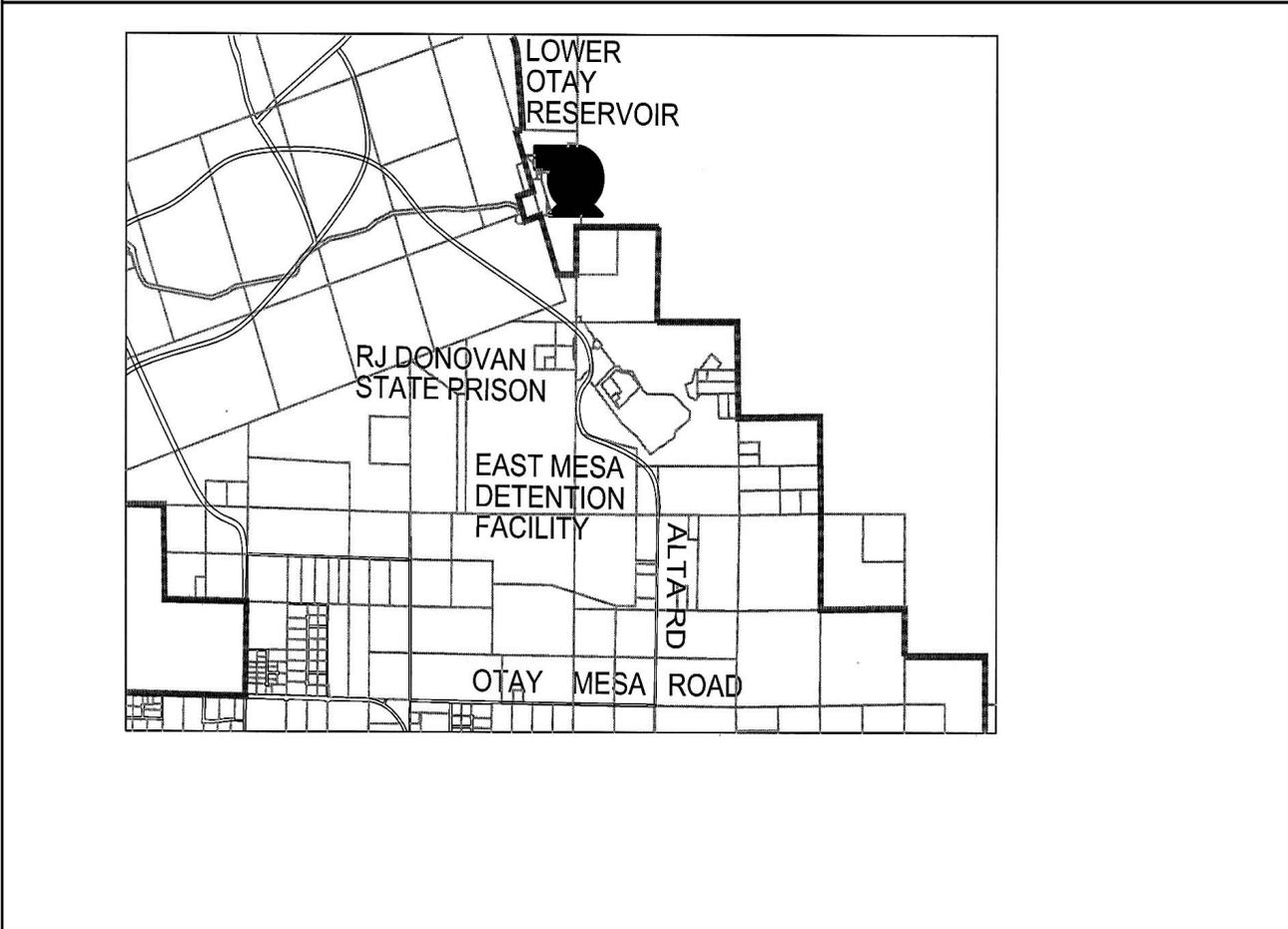
CIP Number: P2258

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	09/97	12/02
DESIGN:	01/03	10/06
CONSTRUCTION:	11/06	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1332 **OWD Map Book:** 70



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2267

PROJECT TITLE:	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations		
WORK ORDER NO:	8660	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Henderson	I.D. LOCATION:	1
ORIGINAL APPROVED DATE:	6/3/1996	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$345,000

DESCRIPTION OF PROJECT

Installation of ventilation equipment on the existing pump out and air/vacuum vaults on 36-inch transmission main from the SDCWA Otay FCF No. 11 to the Regulatory Site. This project also includes upsizing the existing 2-inch air/vacuum valves to 6-inch.

JUSTIFICATION OF PROJECT:

The vault openings do not stay in place when refilling because they lack ventilation. By installing vents in these vaults, the lids will stay in place, thus eliminating a safety hazard. Draining and filling the 36-inch main at higher flow rates is required to return the system to service in shorter periods of time.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
North District Fee		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$195	\$150						\$345

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

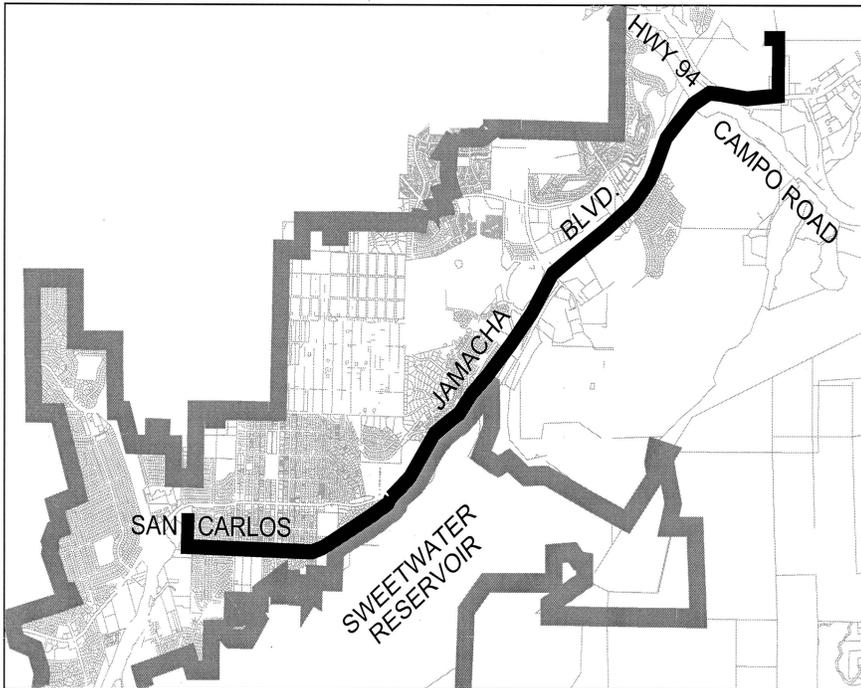
CIP Number: P2267

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:		
DESIGN:		
CONSTRUCTION:	07/97	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1291 **OWD Map Book:** 198



Submitted By: Don Henderson **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2295

PROJECT TITLE:	624-1 Reservoir Disinfection Facility, Inlet/Outlet/Bypass and 613-1 Reservoir Demolition		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/15/1994	PRIORITY	1
RELATED CIP PROJECTS:	P2235	BUDGET AMOUNT:	\$4,500,000

DESCRIPTION OF PROJECT

Construction of new inlet and outlet pipelines, a reservoir bypass pipeline, and a disinfection facility for the 624-1 Reservoir. The project also includes the demolition of the 613-1 Reservoir.

JUSTIFICATION OF PROJECT:

The 624-1 Reservoir requires these facilities to allow for parallel operation of the 624-3 Reservoir. Construction of the disinfection facility is consistent with the recommendations made in the Distribution Systems Disinfection Master Plan.

COMMENTS:

See Work Order Nos. 8199, 30004, and 30006.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	70%	15%		85%
I.D. 10		6%		
I.D. 22		9%		
TOTAL	70%	30%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$3,950	\$550						\$4,500

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

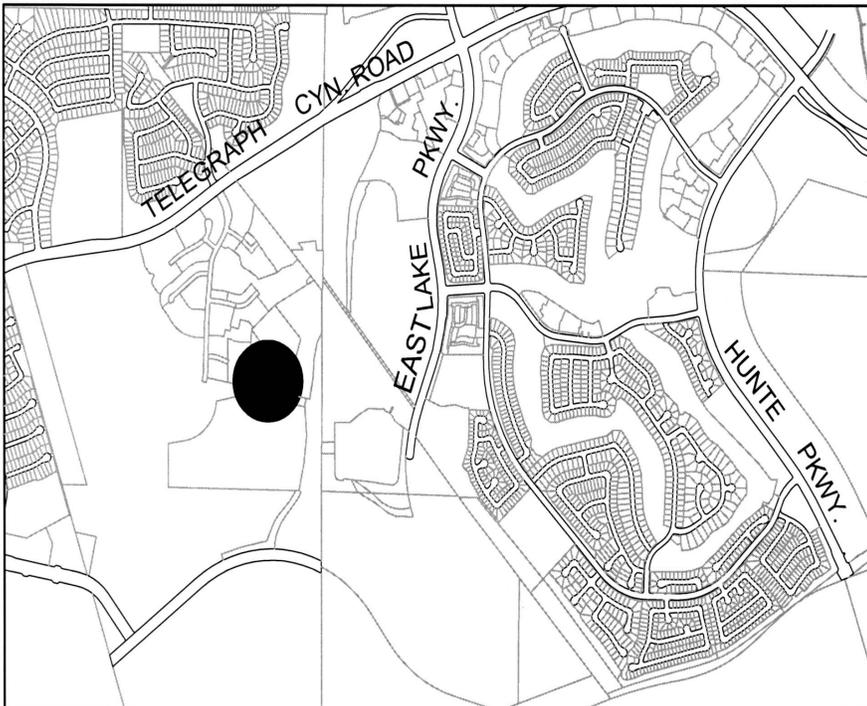
CIP Number: P2295

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/94	07/01
DESIGN:	08/01	12/02
CONSTRUCTION:	01/03	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$8,400	\$8,700	\$9,000	\$9,300	\$9,600	\$9,900

PROJECT LOCATION: Thomas Bros. Map: 1311 **OWD Map Book:** 114



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2318

PROJECT TITLE:	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections		
WORK ORDER NO:	8692	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Juybari	I.D. LOCATION:	1
ORIGINAL APPROVED DATE:	7/16/1997	PRIORITY	2
RELATED CIP PROJECTS:	P2185, P2370	BUDGET AMOUNT:	\$601,000

DESCRIPTION OF PROJECT

Construction of a pipeline between the two existing 18-inch mains to allow for bypass of the existing 36-inch transmission main near the old SDCWA Otay FCF No. 5 that was on Pipeline No. 3. Also includes construction of several system connections to the existing 36-inch transmission main within the La Presa System.

JUSTIFICATION OF PROJECT:

This will provide adequate and enhanced pipeline transmission capacity, increase reliability, and provide operational flexibility for the existing La Presa System network. This project is required when the 640 Reservoirs become operational.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
North District Fee		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$56		\$200	\$345				\$601

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

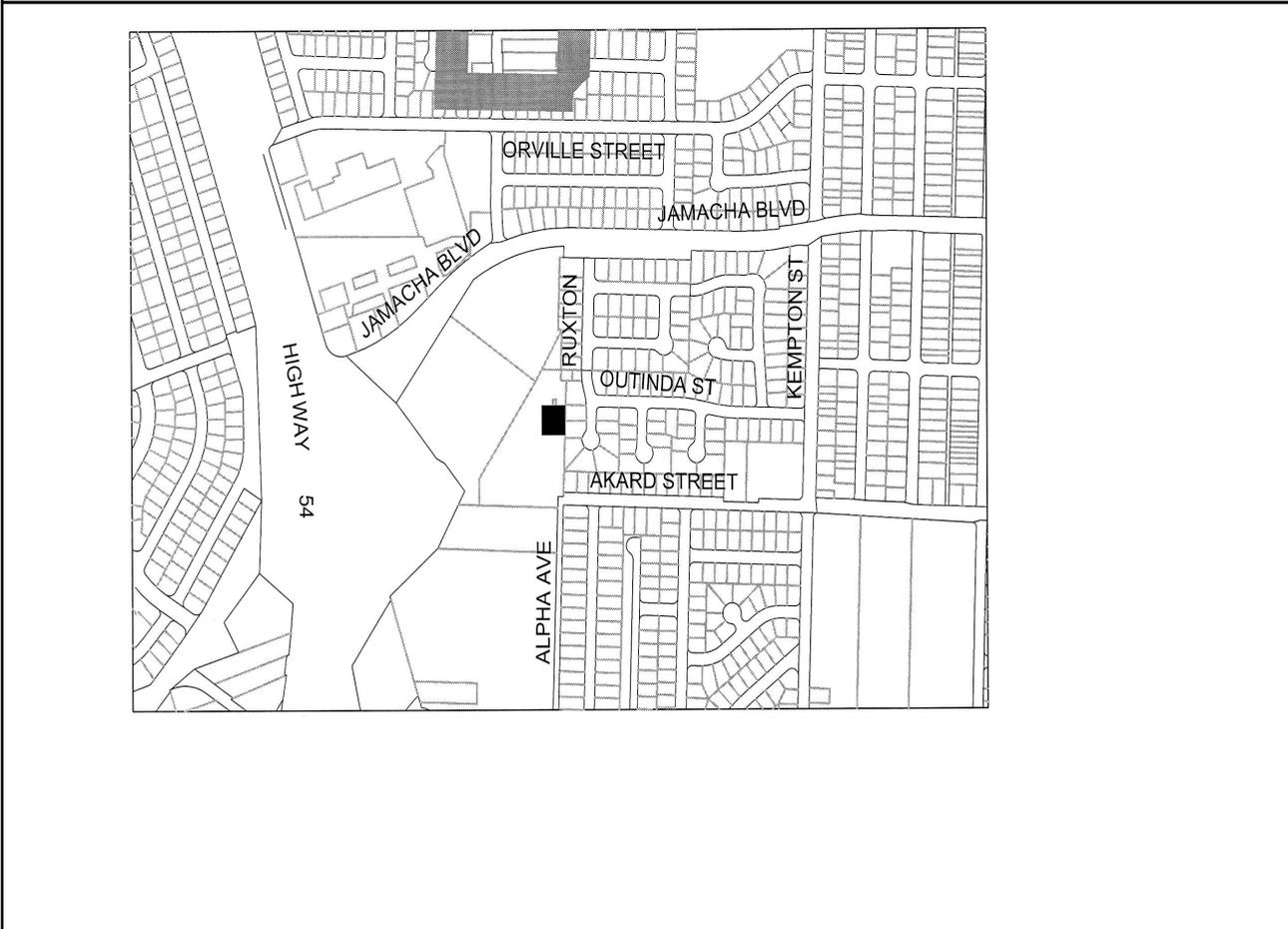
CIP Number: P2318

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	11/97	11/07
DESIGN:	12/07	10/08
CONSTRUCTION:	11/09	06/10

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
			\$100	\$100	\$100

PROJECT LOCATION: **Thomas Bros. Map:** 1291 **OWD Map Book:** 198



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2370

PROJECT TITLE:	Res - Dorchester Reservoir and Pump Station Demolition		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Juybari	I.D. LOCATION:	1
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:	P2318	BUDGET AMOUNT:	\$150,000

DESCRIPTION OF PROJECT
Demolish the existing Dorchester Reservoir and hydropneumatic pump station located on the same site on Dorchester Street.

JUSTIFICATION OF PROJECT:
The existing reservoir and hydropneumatic pump station are no longer required to serve customers.

COMMENTS:
This project will be included in the contract as for CIP P2318.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 1		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$15				\$65	\$70		\$150

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

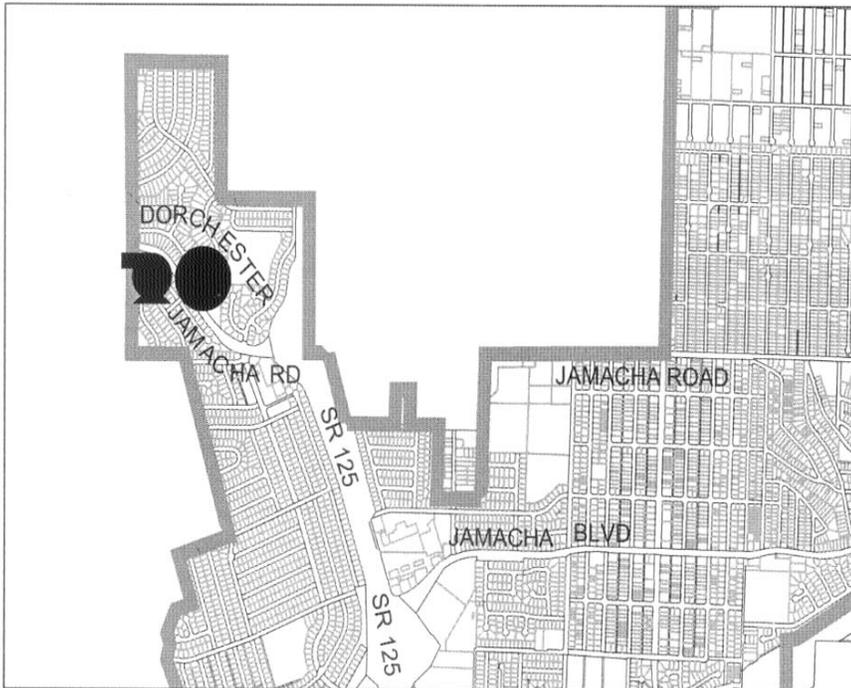
CIP Number: P2370

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	07/10
DESIGN:	08/10	06/11
CONSTRUCTION:	07/11	06/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$-4,800

PROJECT LOCATION: **Thomas Bros. Map:** 1290 **OWD Map Book:** 301



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2387

PROJECT TITLE:	PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	6/5/2002	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$525,000

DESCRIPTION OF PROJECT
Replacement of the existing 12-inch pipeline along Steele Canyon Road with approximately 1,800 feet of 12-inch main within the 832 Pressure Zone

JUSTIFICATION OF PROJECT:
The existing pipeline is within existing front yards of several homes and it poses a potential threat to cause property damage.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 2		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$70	\$270	\$185					\$525

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

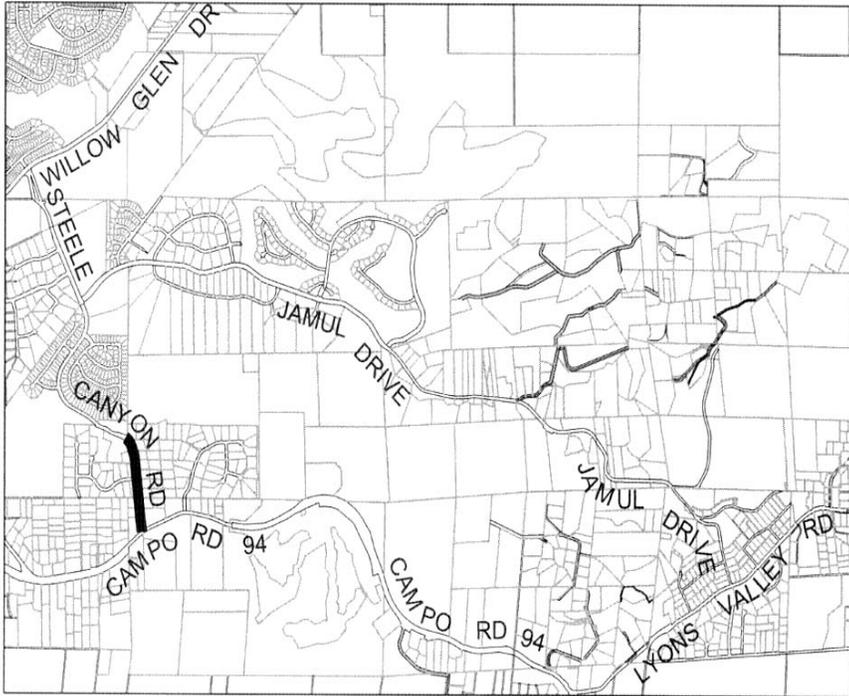
CIP Number: P2387

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	08/06
DESIGN:	09/06	10/07
CONSTRUCTION:	11/07	03/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$600	\$600	\$600	\$600

PROJECT LOCATION: **Thomas Bros. Map:** 1272 **OWD Map Book:** 321



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2450

PROJECT TITLE:	Otay River Groundwater Well Demineralization/Development		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:	P2129, P2462	BUDGET AMOUNT:	\$5,000,000

DESCRIPTION OF PROJECT
 The Sweetwater Authority and Otay WD are investigating the possibility to develop a brackish water demineralization facility within the Otay River to produce say 5 mgd of potable water.

JUSTIFICATION OF PROJECT:
 This project will provide for a level of water supply independence from SDCWA.

COMMENTS:
 The Sweetwater Authority was awarded a Proposition 50 grant to help pay for 50% of the cost of the feasibility study.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$115	\$85	\$800	\$3,600	\$400		\$5,000

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

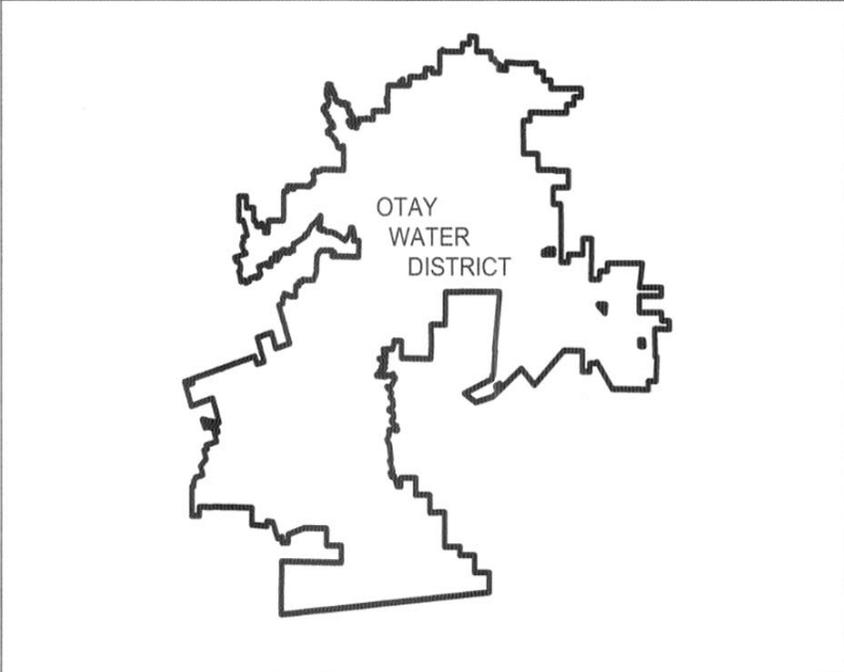
CIP Number: P2450

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/09
DESIGN:	07/09	12/10
CONSTRUCTION:	01/11	06/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$27,900

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2451

PROJECT TITLE:	Rosarito Desalination Facility Conveyance System		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,000,000

DESCRIPTION OF PROJECT

The San Diego Region could potentially receive a potable water supply source from the planned Rosarito Desalination Facility via a conveyance system or an exchange arrangement.

JUSTIFICATION OF PROJECT:

The conveyance system or exchange concept could provide for a independent water source to the San Diego County Region.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$5	\$5	\$15	\$80	\$95	\$800	\$1,000

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

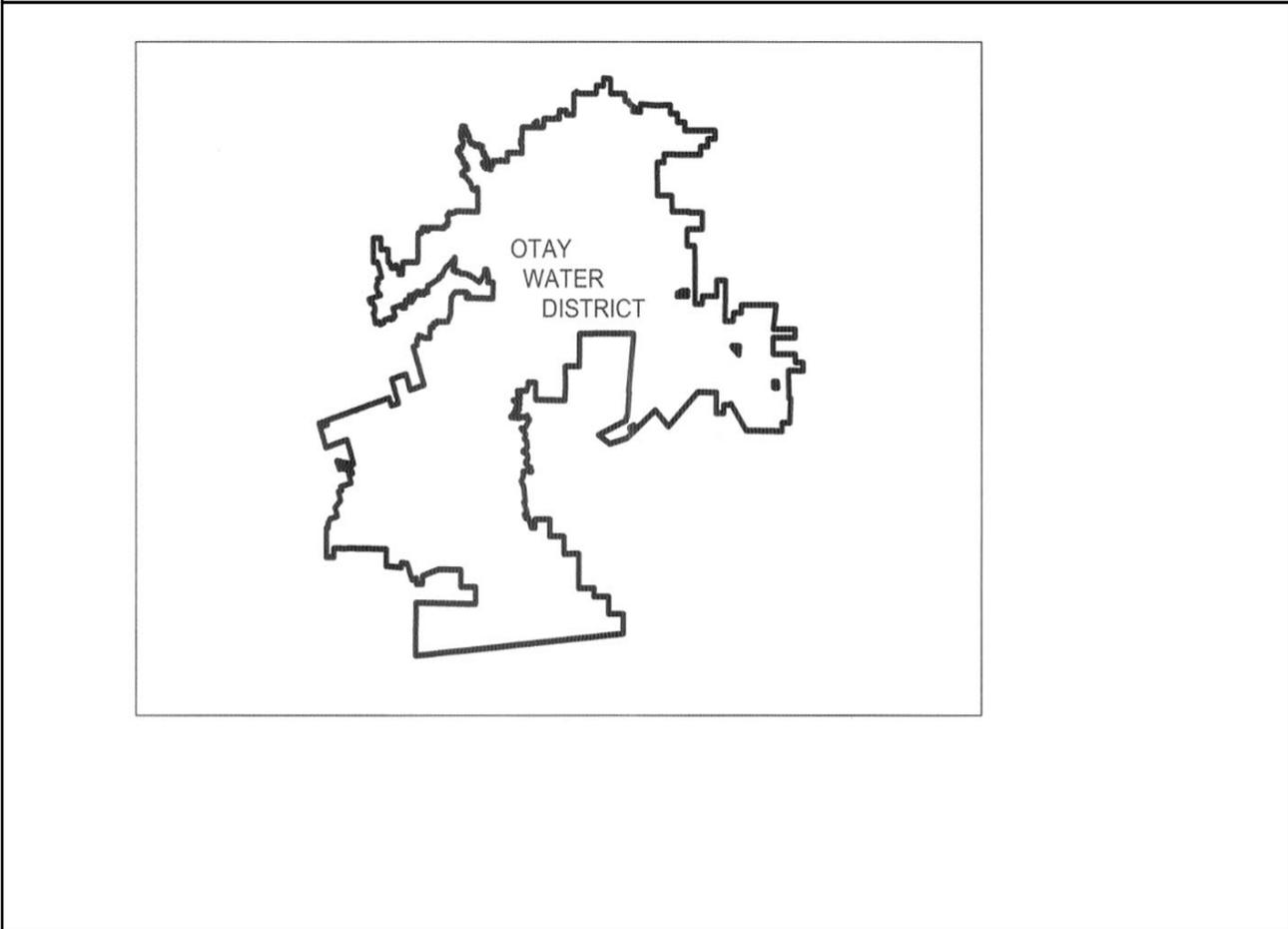
CIP Number: P2451

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	06/13
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2457

PROJECT TITLE:	Otay Mountain Groundwater Well Development		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Peasley	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:	P2129	BUDGET AMOUNT:	\$6,500,000

DESCRIPTION OF PROJECT
 This project is to provide funding for development of a potential groundwater production well on Otay Mesa near the foot of Otay Mountain.

JUSTIFICATION OF PROJECT:
 The potential of an agreement for the development of a potable water production well could provide the possibility of an independent local water supply resource for the Otay WD.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$10	\$290	\$6,000	\$200			\$6,500

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

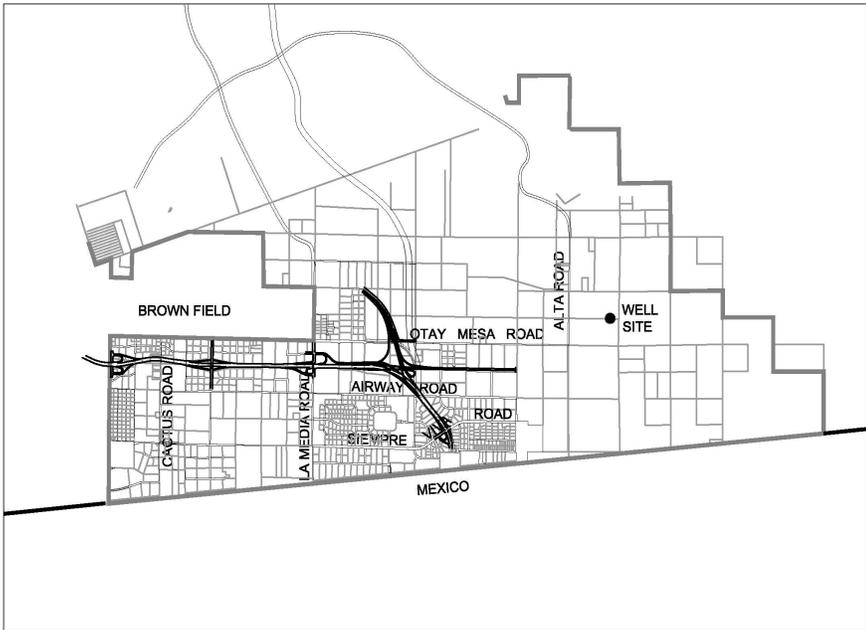
CIP Number: P2457

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/07	06/08
DESIGN:	07/08	09/09
CONSTRUCTION:	10/09	06/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$11,200	\$11,500

PROJECT LOCATION: **Thomas Bros. Map:** 1352 **OWD Map Book:** 27



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2460

PROJECT TITLE:	I.D. 7 Trestle and Pipeline Demolition		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:		PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$375,000

DESCRIPTION OF PROJECT

The proposed project is to remove the existing trestle and 24-inch pipeline that crosses the Otay River valley. This pipeline was the transmission main to supply water to the Otay Mesa System.

JUSTIFICATION OF PROJECT:

The existing pipeline is no longer in service and should be removed to address liability concerns. The Central Area-Otay Mesa Interconnection Pipeline supplies water to the Otay Mesa System.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$20	\$55	\$300				\$375

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

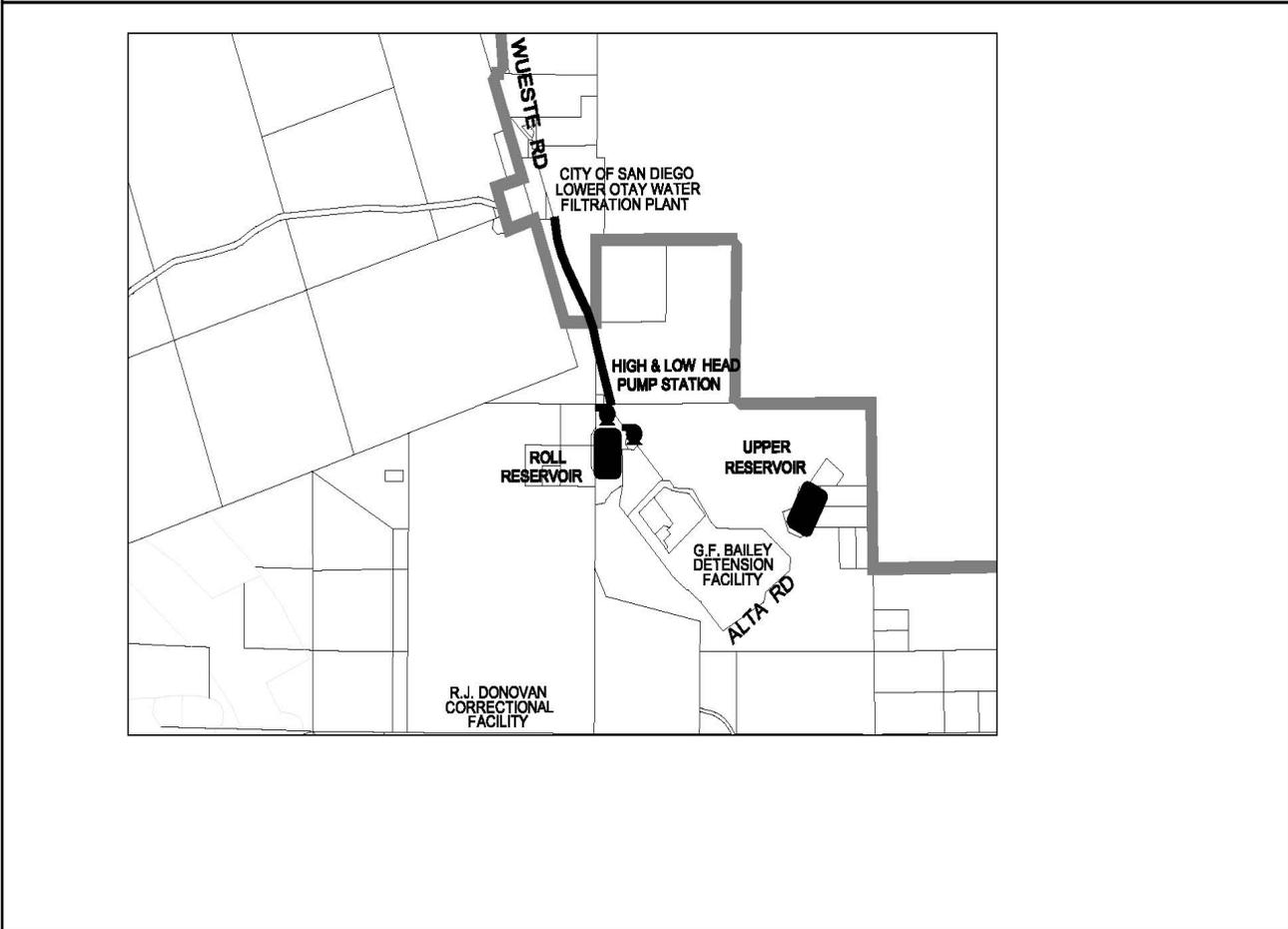
CIP Number: P2460

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	10/07
DESIGN:	11/07	06/09
CONSTRUCTION:	07/09	06/10

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1332 **OWD Map Book:** 71



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2462

PROJECT TITLE:	Otay River Demineralization Feasibility Study		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	P2450	BUDGET AMOUNT:	\$200,000

DESCRIPTION OF PROJECT

This project is a feasibility study of the concept to potentially develop a demineralization facility within the Otay River valley. The project is being jointly funded by Sweetwater Authority and Otay. Proposition 50 funding for 50% of the cost has been secured by Sweetwater Authority.

JUSTIFICATION OF PROJECT:

The potential of an agreement for the development of a potable water production well could provide the possibility of an independent local water supply resource for the Otay WD.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$200						\$200

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

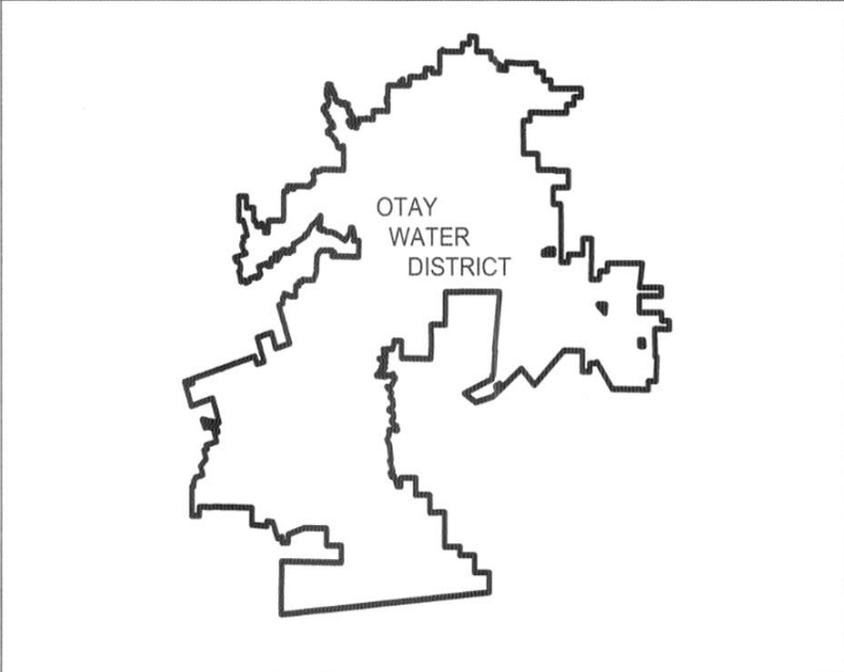
CIP Number: P2462

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2463

PROJECT TITLE:	South Bay Regional Concentrate Conveyance Feasibility Study		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$125,000

DESCRIPTION OF PROJECT

This project is a feasibility study of the concept to potentially develop a South Bay regional concentrate conveyance facility. The project is being jointly funded by San Diego County Water Authority, Sweetwater Authority, the City of San Diego, and Otay. Proposition 50 funding for 50% of the cost has been secured by the San Diego County Water Authority.

JUSTIFICATION OF PROJECT:

The potential of the development of a regional concentrate conveyance facility within the South Bay would provide the region with the ability to dispose of brine concentrates into the ocean. The facility could be an important element for the development of a potable water production wells that could provide the possibility of an independent local water supply resource for the Otay WD and others.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$25	\$100					\$125

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

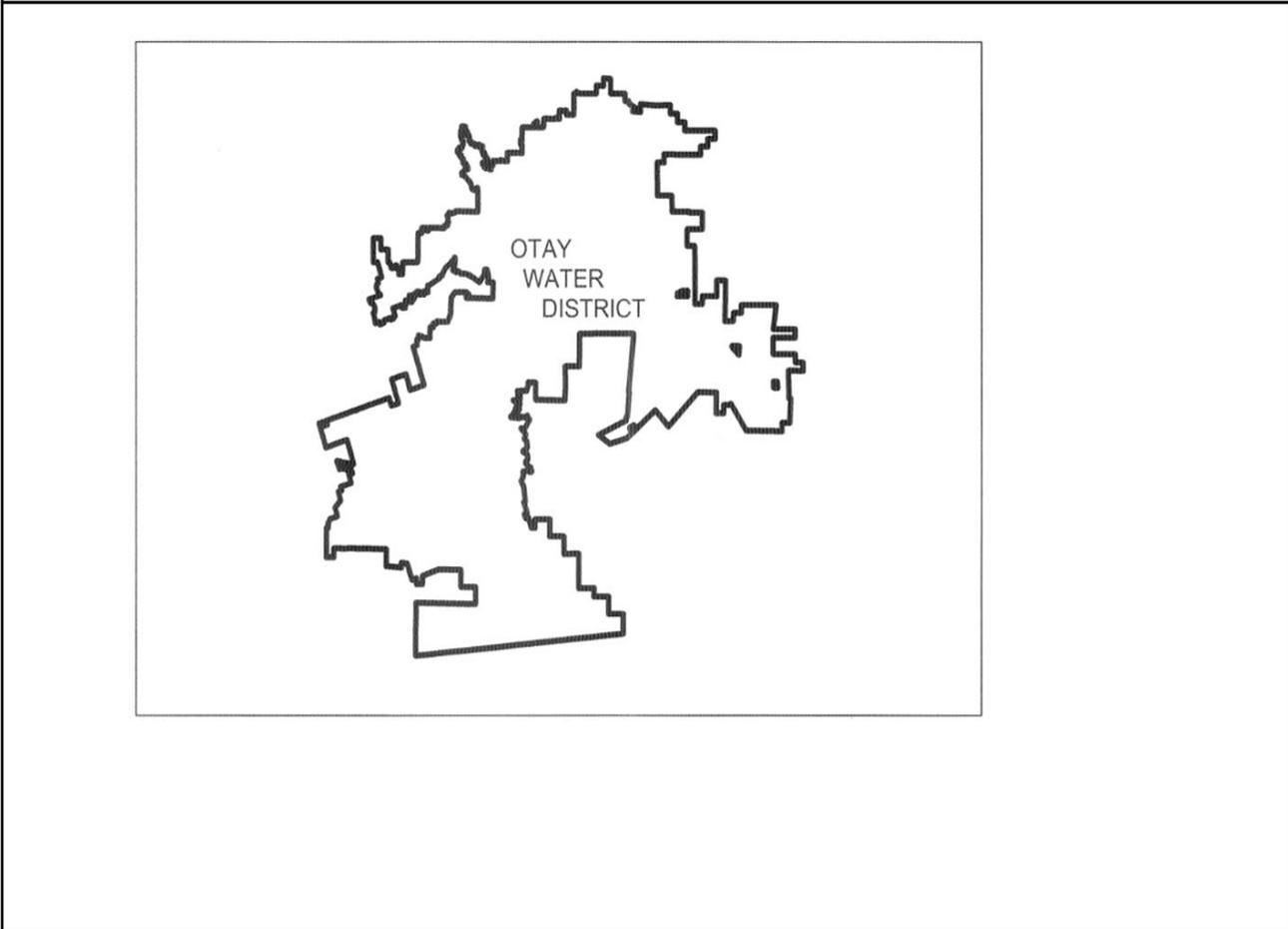
CIP Number: P2463

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/09
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2464

PROJECT TITLE:	San Diego 17 Pump Station and Flow Control Facility		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$16,250,000

DESCRIPTION OF PROJECT

This project is for the construction of a pump station by the City of San Diego, known as SD17 at their Alvarado Water Treatment Plant. The pump station capacity is 60 million gallons per day (mgd) of which Otay may acquire up to 50 mgd. The City of San Diego has the potential to acquire Proposition 50 funding for about \$6,500,000 from construction of SD17 and is willing to share these funds with Otay.

JUSTIFICATION OF PROJECT:

With the pending agreement approval with the City of San Diego and the San Diego County Water Authority (SDCWA) and subsequent construction of SD17, Otay will be able to take water supply from the Alvarado WTP at potentially reduced rates over the prevailing SDCWA rate for treated water.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$750	\$7,500	\$8,000				\$16,250

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

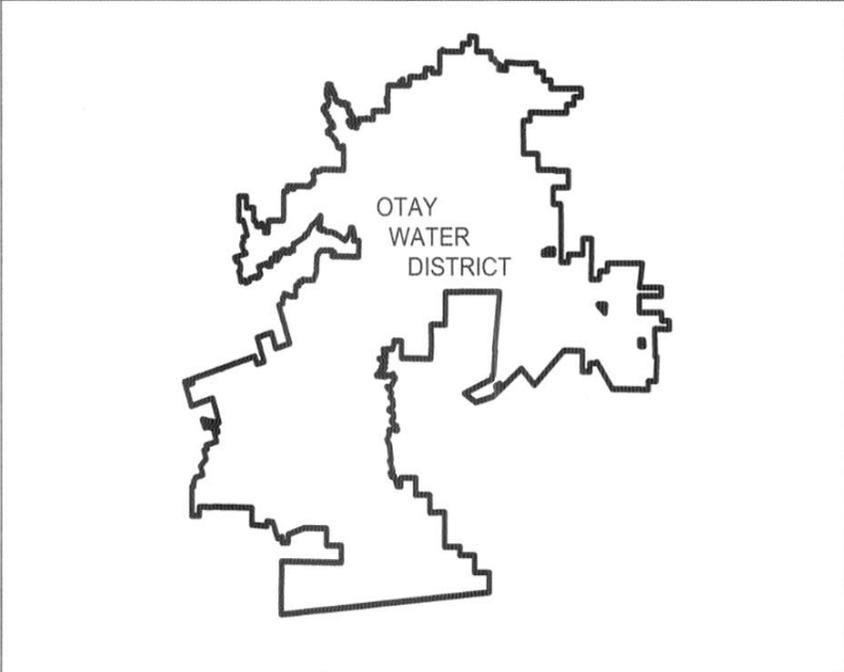
CIP Number: P2464

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/10
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
			\$308,200	\$317,400	\$326,900

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2465

PROJECT TITLE:	Regulatory Site Material Storage Bins		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	P2185	BUDGET AMOUNT:	\$250,000

DESCRIPTION OF PROJECT
This project is to install material storage bins at the Regulatory Site.

JUSTIFICATION OF PROJECT:
The material storage bins will improve the efficiency of the District operations for their installation and construction efforts.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$30	\$220					\$250

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

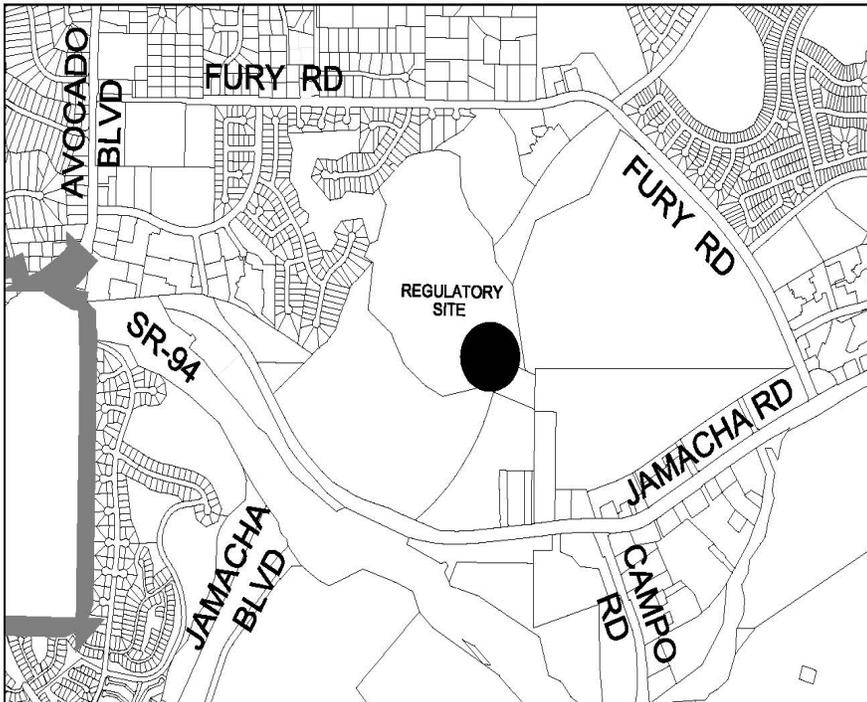
CIP Number: P2465

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	09/07
DESIGN:	10/07	01/08
CONSTRUCTION:	02/08	12/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 343



Submitted By: Rick Acuna **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2466

PROJECT TITLE:	Regional Training Facility		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Juybari	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$200,000

DESCRIPTION OF PROJECT

The project is the construction of a Regional Training Facility at the Regulatory Site through a partnership with the San Miguel Consolidated Fire Protection District.

JUSTIFICATION OF PROJECT:

Otay needs a training center to train staff on trenching, shoring, fire safety, rescue, and confined space. The San Miguel Consolidated Fire Protection District has secured funding for this project and will be the lead agency in the development of the training facility.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$100	\$100					\$200

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

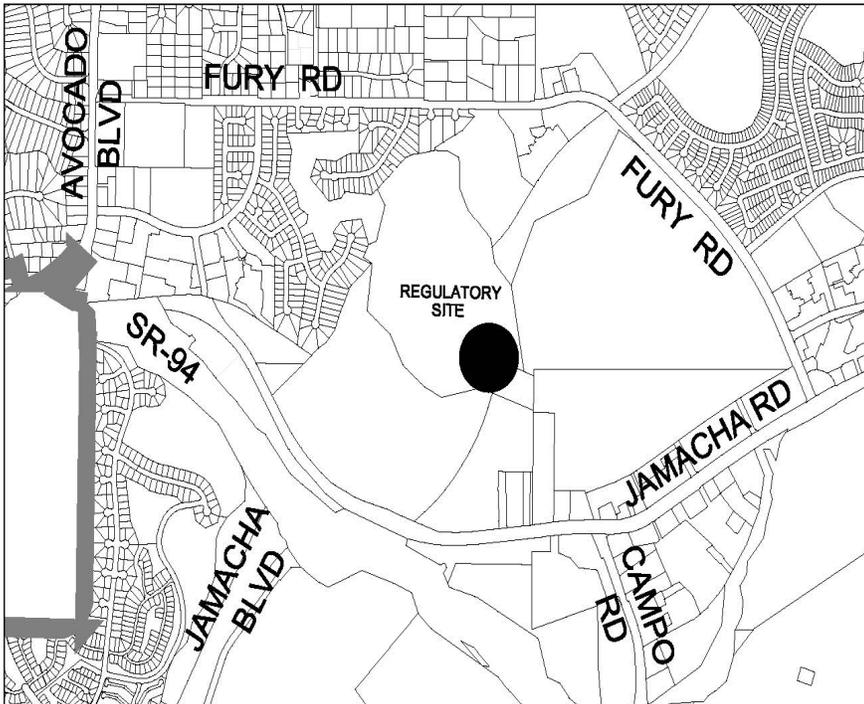
CIP Number: P2466

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	08/06	06/07
DESIGN:	07/07	01/08
CONSTRUCTION:	02/08	01/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 343



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2467

PROJECT TITLE:	San Diego Formation Groundwater Feasibility Study		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,600,000

DESCRIPTION OF PROJECT

This project is a research and data gathering effort to enhance the ongoing USGS study of the concept to potentially develop a groundwater supply from the San Diego Formation. The project is planned to be jointly funded by Sweetwater Authority and Otay. A proposal for the San Diego County Water Authority LISA grant program is being developed and may fund up to 50% of the cost of the effort.

JUSTIFICATION OF PROJECT:

The potential of an agreement for the development of a potable water production well within the San Diego Formation could provide the possibility of an independent local water supply resource for the Otay WD and others.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$800	\$800					\$1,600

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

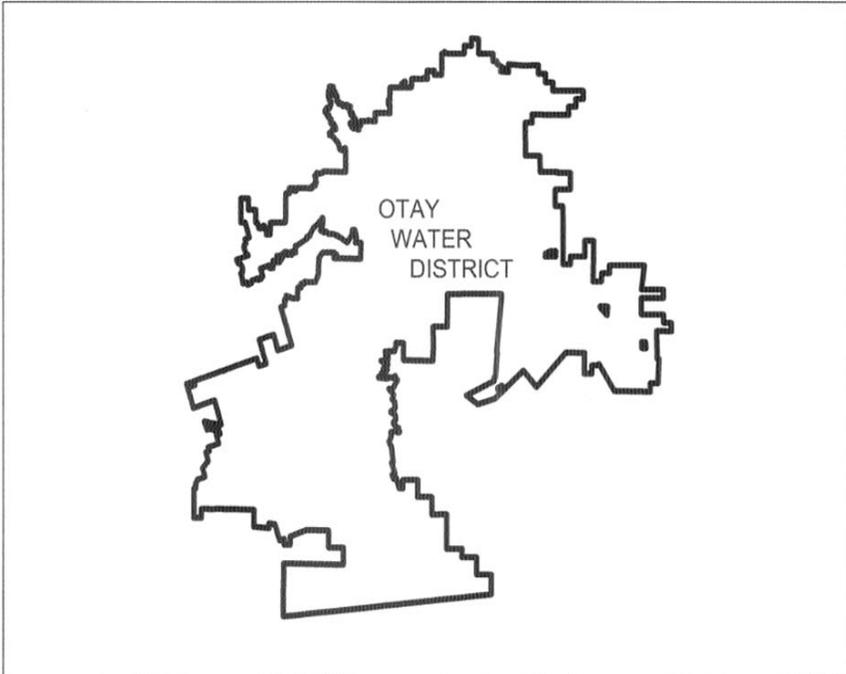
CIP Number: P2467

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/09
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2001

PROJECT TITLE:	RecRes - 450-1 Reservoir 12 MG		
WORK ORDER NO:	30016	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	10
ORIGINAL APPROVED DATE:	6/17/1998	PRIORITY	1
RELATED CIP PROJECTS:	R2004, R2022	BUDGET AMOUNT:	\$9,967,000

DESCRIPTION OF PROJECT

Construction of a 12 MG reservoir for the 450 Pressure Zone within recycled water system. The final agreement has been approved with the City of San Diego for recycled water supply from the South Bay Water Reclamation Plant (SBWRP) for 6 mgd.

JUSTIFICATION OF PROJECT:

This project will receive water from the pump station at the City of San Diego's SBWRP to supply demands in the Central Area System recycled water system. The facility will balance the 24-hour supply rate with a peaking rate generated by demand.

COMMENTS:

Steel prices have risen dramatically since January 2004 due to supply and demand conditions. Additional costs for full time inspection and construction management consulting services have been reflected in the budget.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$9,917	\$50						\$9,967

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

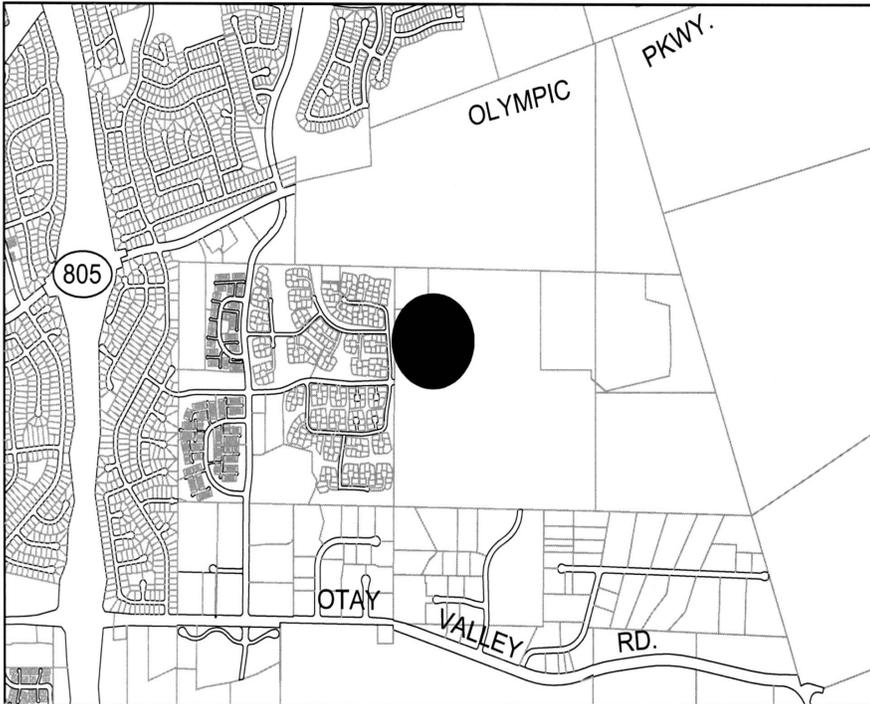
CIP Number: R2001

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/00	11/03
DESIGN:	12/03	12/05
CONSTRUCTION:	01/06	08/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$11,800	\$12,200	\$12,600	\$13,000	\$13,400	\$13,800

PROJECT LOCATION: **Thomas Bros. Map:** 1330 **OWD Map Book:** 66



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2004

PROJECT TITLE:	RecPS - 680-1 Pump Station (11,500 GPM)		
WORK ORDER NO:	30015	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	10
ORIGINAL APPROVED DATE:	6/17/1998	PRIORITY	1
RELATED CIP PROJECTS:	R2001, R2022	BUDGET AMOUNT:	\$8,333,000

DESCRIPTION OF PROJECT

Construction of an 11,500 gpm pump station and 24-inch discharge transmission main to supply recycled water to the 680 and 944 Pressure Zones from the planned 450-1 Reservoir. The final agreement with the City of San Diego for recycled water supply from the SBWRP has been approved for 6 mgd.

JUSTIFICATION OF PROJECT:

This project is required to pump recycled water from the 450-1 Reservoir to the 680 and 944 Pressure Zones in the Central Area System.

COMMENTS:

Steel prices have risen dramatically since January 2004 due to supply and demand conditions. Additional costs for full time inspection and construction management consulting services have been reflected in the budget.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$8,283	\$50						\$8,333

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

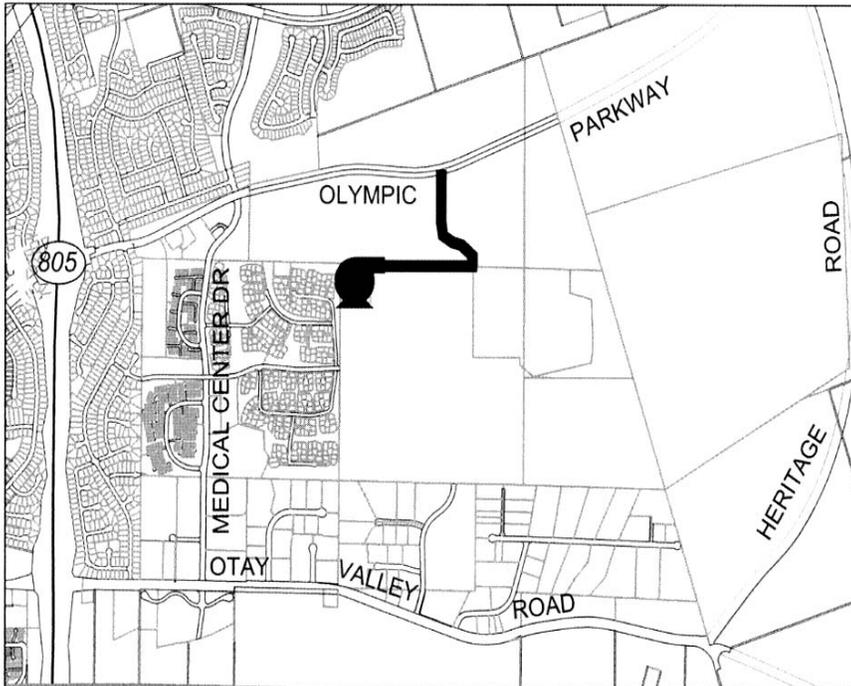
CIP Number: R2004

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/00	11/03
DESIGN:	12/03	12/05
CONSTRUCTION:	01/06	08/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$170,100	\$175,200	\$180,500	\$185,900	\$191,500	\$197,200

PROJECT LOCATION: **Thomas Bros. Map:** 1330 **OWD Map Book:** 66



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2034

PROJECT TITLE:	RecRes - 860-1 Reservoir 4 MG		
WORK ORDER NO:	8693	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:	R2088	BUDGET AMOUNT:	\$3,800,000

DESCRIPTION OF PROJECT
Construction of a 4 MG reservoir for the 860 Pressure Zone of the recycled water system with Otay Mesa.

JUSTIFICATION OF PROJECT:
This project will receive water from the 944 Pressure Zone within the Central Area System to supply demands in the Otay Mesa System recycled water system. The facility will balance the 24-hour supply rate with a peaking rate generated by demand.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$5		\$100	\$395	\$1,800	\$1,500		\$3,800

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

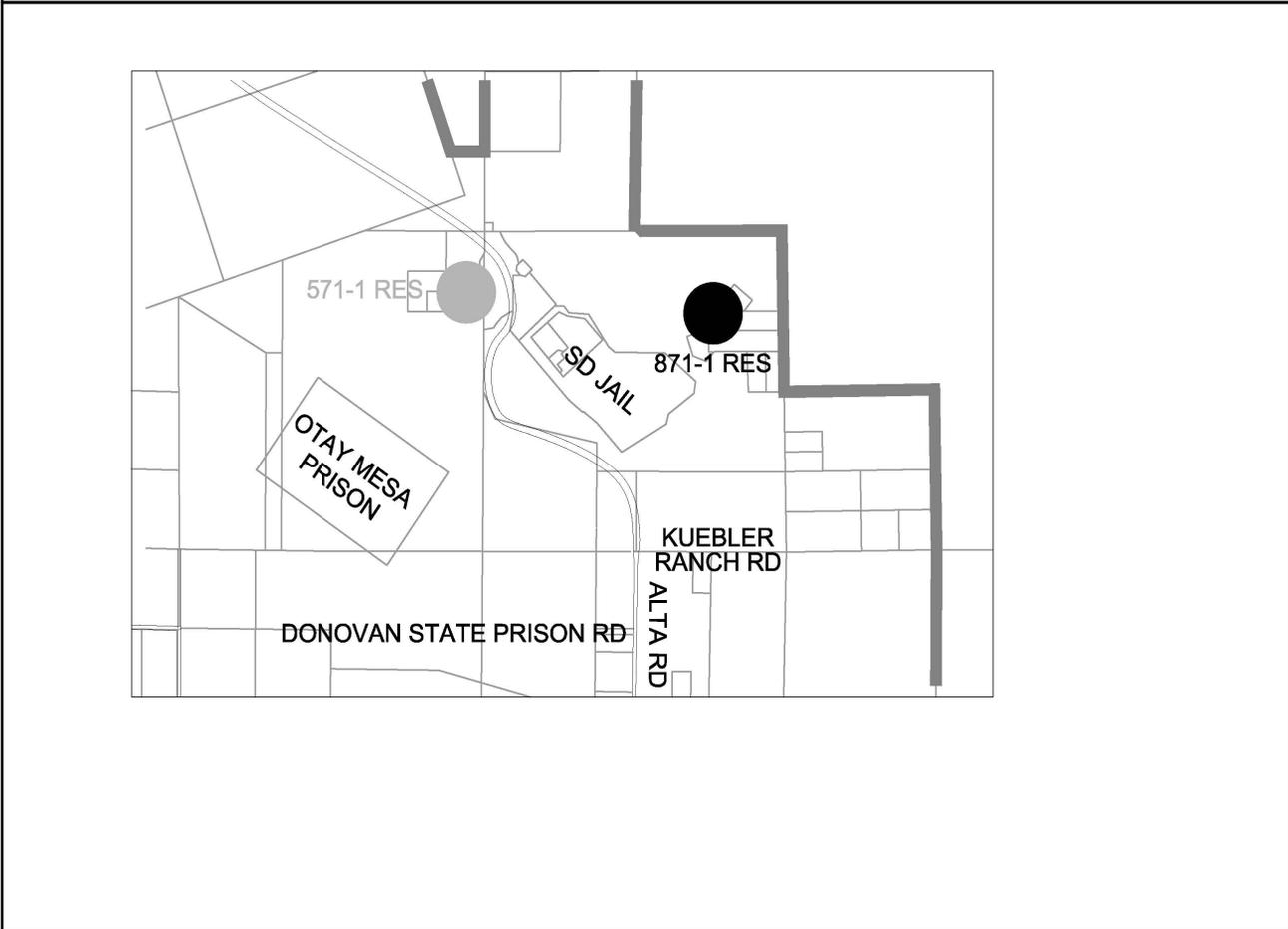
CIP Number: R2034

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	09/06	09/07
DESIGN:	10/07	06/09
CONSTRUCTION:	07/09	06/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$7,500

PROJECT LOCATION: **Thomas Bros. Map:** 1332 **OWD Map Book:** 55



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2053

PROJECT TITLE:	RWCWRF - R.O. Building Remodel and Office Furniture		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Juybari	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	7/16/1997	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$495,000

DESCRIPTION OF PROJECT
 Installation of offices and training room and purchasing of furniture upon the existing reverse osmosis building site at the RWCWRF.

JUSTIFICATION OF PROJECT:
 This project will eliminate the rental costs for trailers that currently contain the required offices space. The existing systems at the RWCWRF will be used in a more effective and cost efficient manner.

COMMENTS:
 See Work Order Nos. 8690 and 8760.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 22		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$140	\$305	\$50					\$495

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

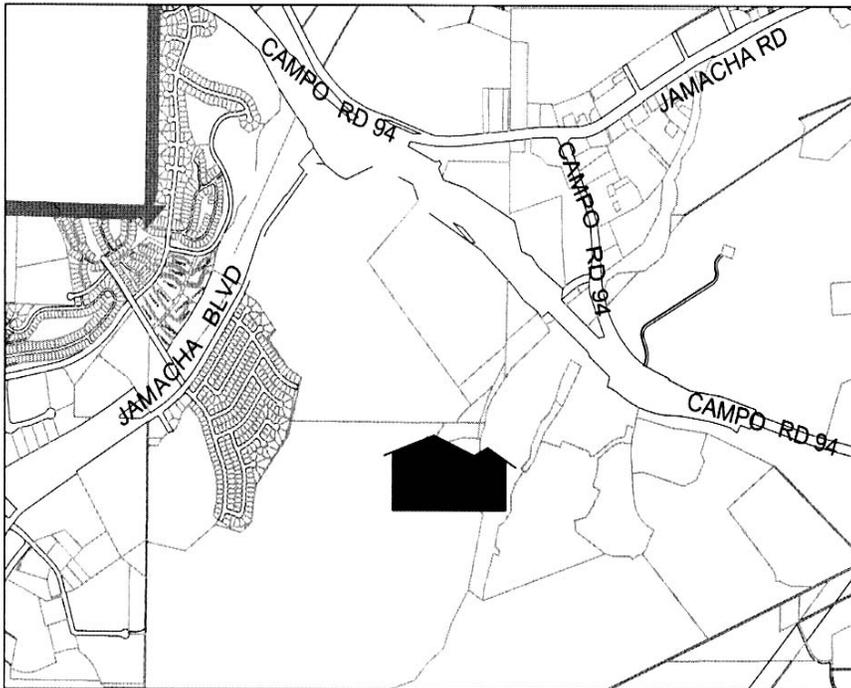
CIP Number: R2053

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/97	01/06
DESIGN:	02/06	07/07
CONSTRUCTION:	08/07	07/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 319



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2077

PROJECT TITLE:	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway		
WORK ORDER NO:	30017	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Juybari	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:	R2058	BUDGET AMOUNT:	\$3,000,000

DESCRIPTION OF PROJECT
 Construction of a 24-inch pipeline within the 860 Pressure Zone in Alta Road from the Alta Gate location to Airway Road. This project will be constructed as part of the Otay Mesa recycled water system.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Mesa and link the planned 860-1 Reservoir with the recycled water system in Otay Mesa.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$22	\$50	\$50	\$378	\$1,000	\$1,500		\$3,000

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

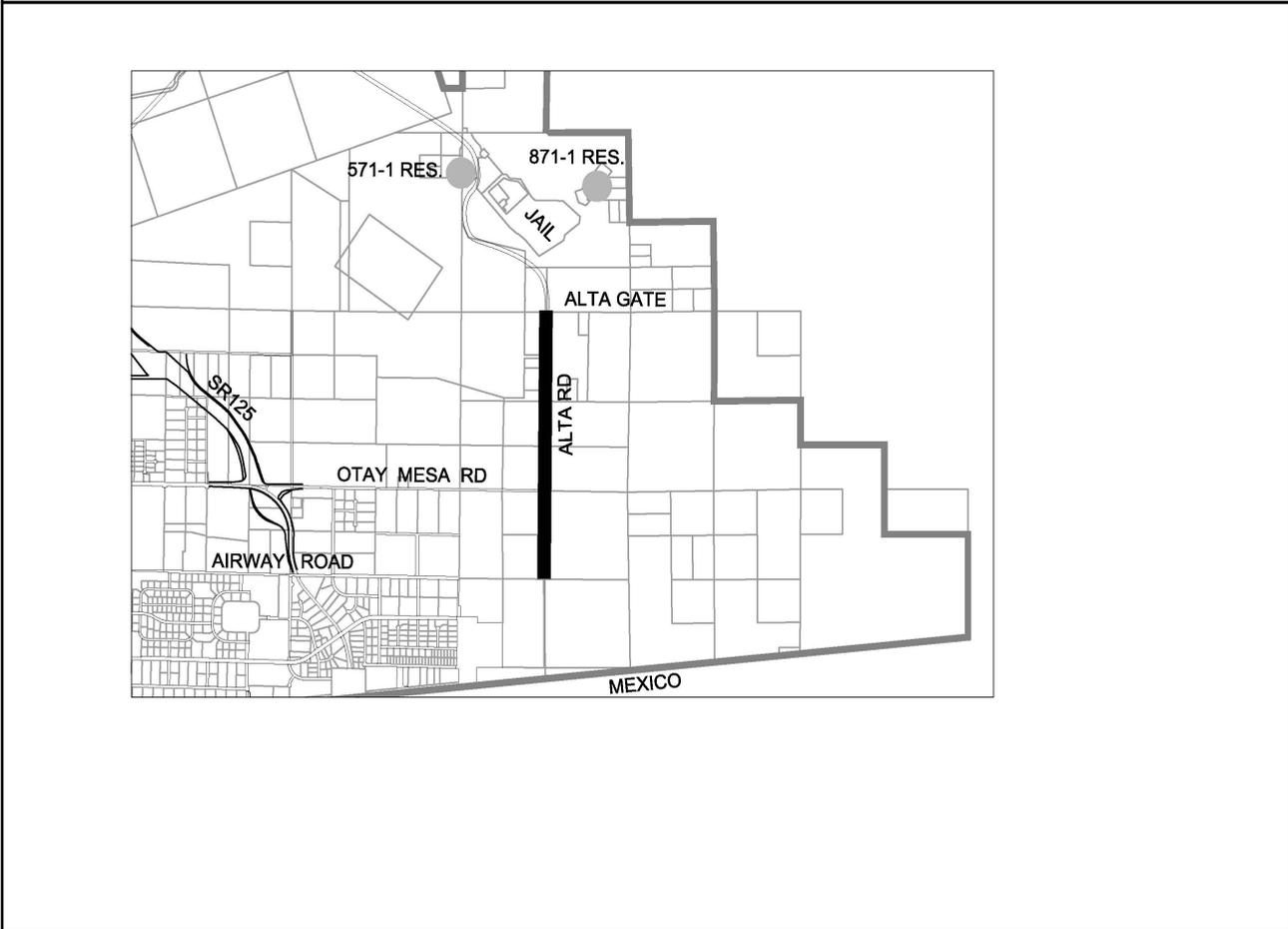
CIP Number: R2077

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	09/06	09/07
DESIGN:	10/07	06/09
CONSTRUCTION:	07/09	06/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$2,700

PROJECT LOCATION: **Thomas Bros. Map:** 1332 **OWD Map Book:** 39



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2081

PROJECT TITLE:	RecPL - 20-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Kay	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,290,000

DESCRIPTION OF PROJECT
Construction of a 20-inch pipeline within the 944 Pressure Zone in Lane Avenue from Proctor Valley Road to Pond No. 1 within the Use Area.

JUSTIFICATION OF PROJECT:
This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$90	\$900	\$300					\$1,290

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

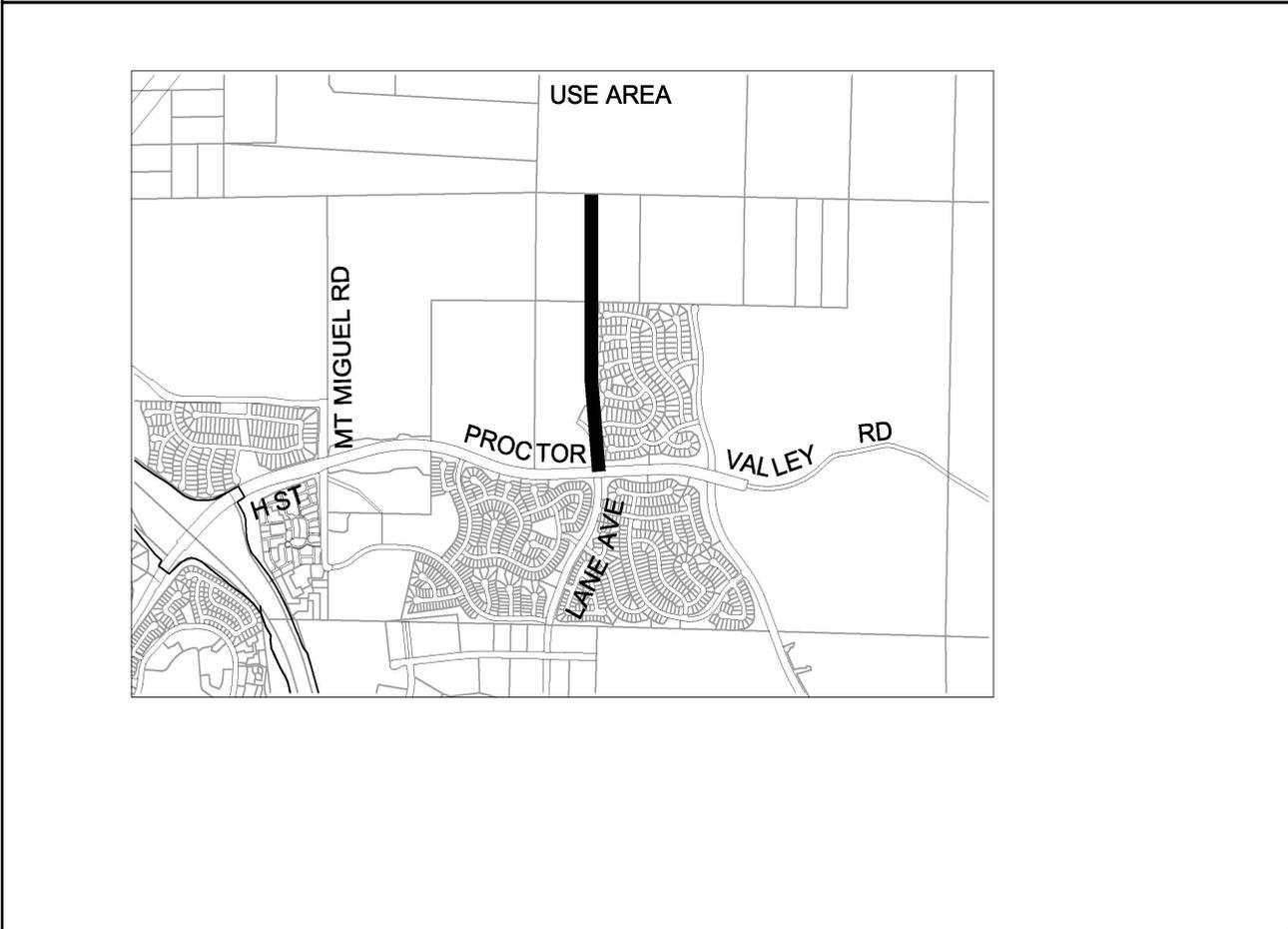
CIP Number: R2081

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	08/06
DESIGN:	09/06	07/07
CONSTRUCTION:	08/07	08/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$2,700	\$2,800	\$2,900	\$3,000	\$3,100

PROJECT LOCATION: **Thomas Bros. Map:** 1311 **OWD Map Book:** 159



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2087

PROJECT TITLE:	RecPL - 20-Inch, 944 Zone, Wueste Road - Olympic/Otay WTP		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Juybari	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,598,000

DESCRIPTION OF PROJECT

Construction of a 20-inch pipeline within the 944 Pressure Zone in Wueste Road from Olympic Parkway to near the existing City of San Diego Otay WTP. This project will be constructed as part of the Otay Mesa recycled water system supply link.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for development of Otay Mesa and is a part of the link to the 944 Pressure Zone supply to the planned 860-1 Reservoir within the Otay Mesa recycled water system.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$13	\$50	\$50	\$2,000	\$1,400	\$85		\$3,598

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

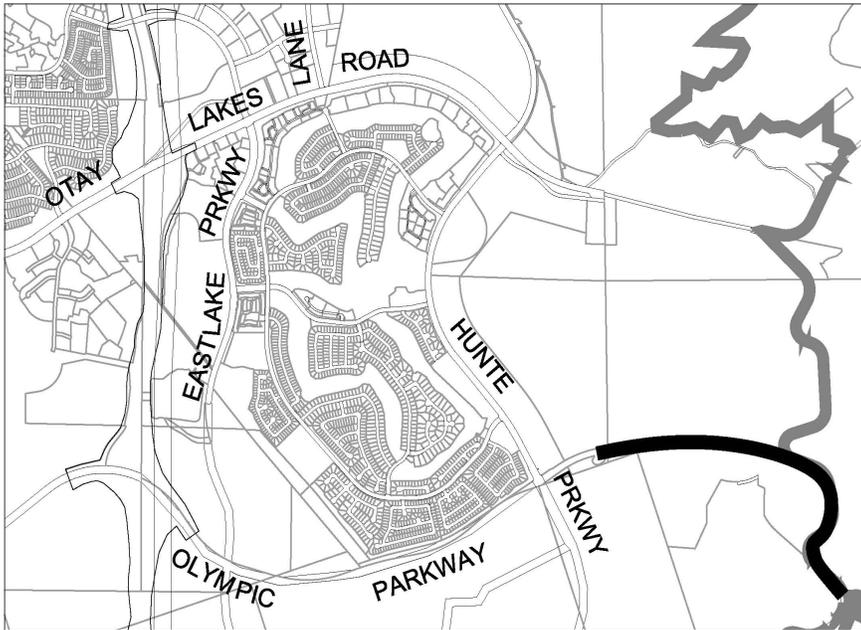
CIP Number: R2087

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	09/06	09/07
DESIGN:	10/07	06/10
CONSTRUCTION:	07/10	09/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$1,500	\$1,500

PROJECT LOCATION: **Thomas Bros. Map:** 1312 **OWD Map Book:** 85



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2088

PROJECT TITLE:	RecPL - 20-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Juybari	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:	R2034	BUDGET AMOUNT:	\$1,500,000

DESCRIPTION OF PROJECT

Construction of a 20-inch pipeline within the 860 Pressure Zone from the 571-1 Reservoir site to the planned 860-1 Reservoir. This project will be constructed as part of the Otay Mesa recycled water system supply link.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for development of Otay Mesa and link the planned 944 Pressure Zone supply to the planned 860-1 Reservoir within the Otay Mesa recycled water system.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1	\$50	\$50	\$149	\$1,000	\$250		\$1,500

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

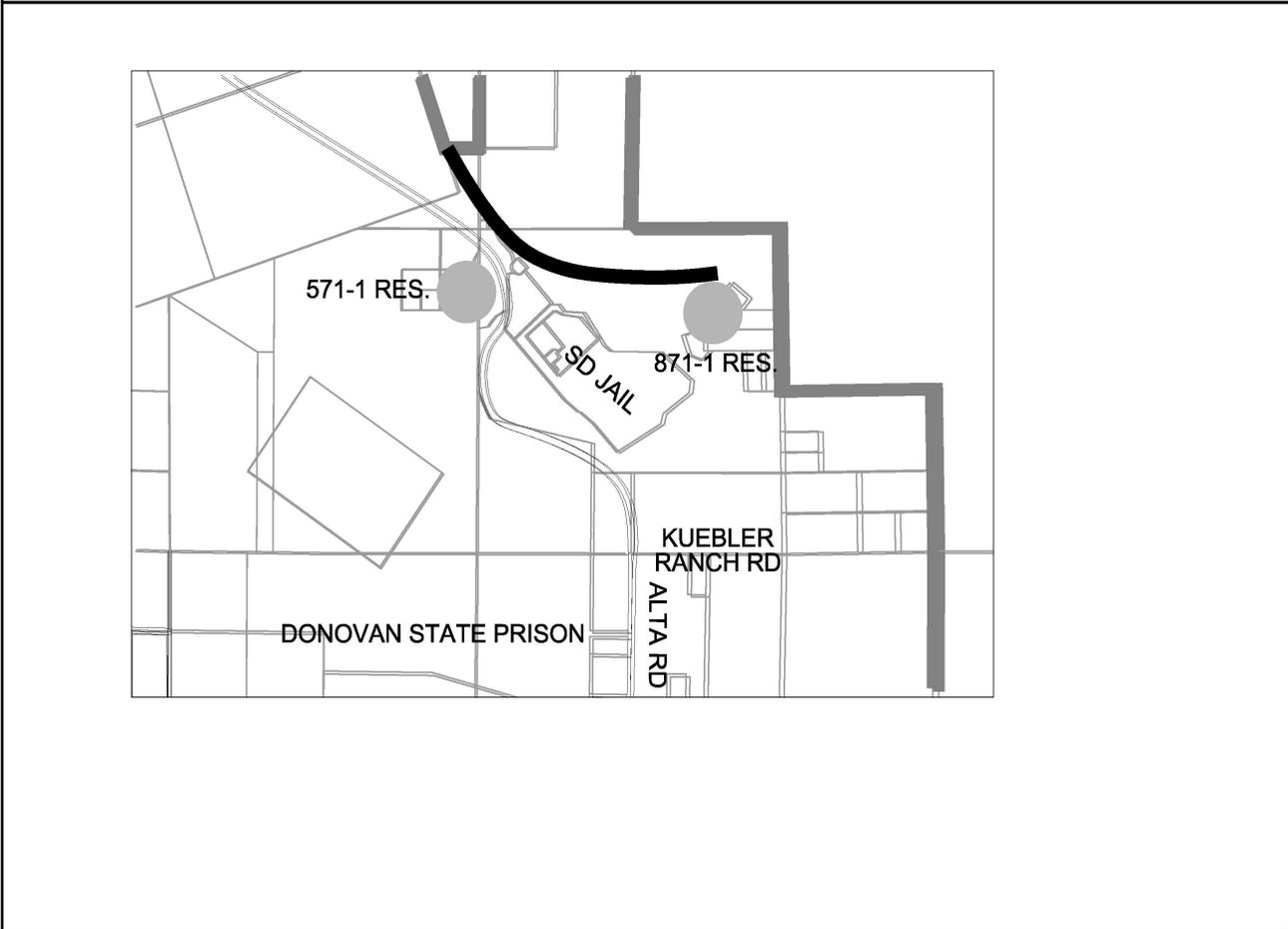
CIP Number: R2088

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	09/06	03/07
DESIGN:	04/07	06/10
CONSTRUCTION:	07/10	09/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
				\$2,400	\$2,500

PROJECT LOCATION: **Thomas Bros. Map:** 1332 **OWD Map Book:** 55



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2089

PROJECT TITLE:	North District Recycled Water Regulatory Compliance		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$200,000

DESCRIPTION OF PROJECT

This project is to fund any RWQCB Basin Plan revisions, State Department of Health Services reporting requirements addressing health, safety, institutional, and water quality concerns and potential CEQA compliance requirements.

JUSTIFICATION OF PROJECT:

Regulatory and institutional requirements for recycled water use within the Jamacha Basin must be addressed to further the vision for eventual development of recycled water infrastructure within the North District.

COMMENTS:

The necessary infrastructure of storage, transmission mains, and distribution pipelines for recycled water will be budgeted under another CIP project once the regulatory and institutional issues resolve into a successful outcome.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$5	\$195						\$200

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

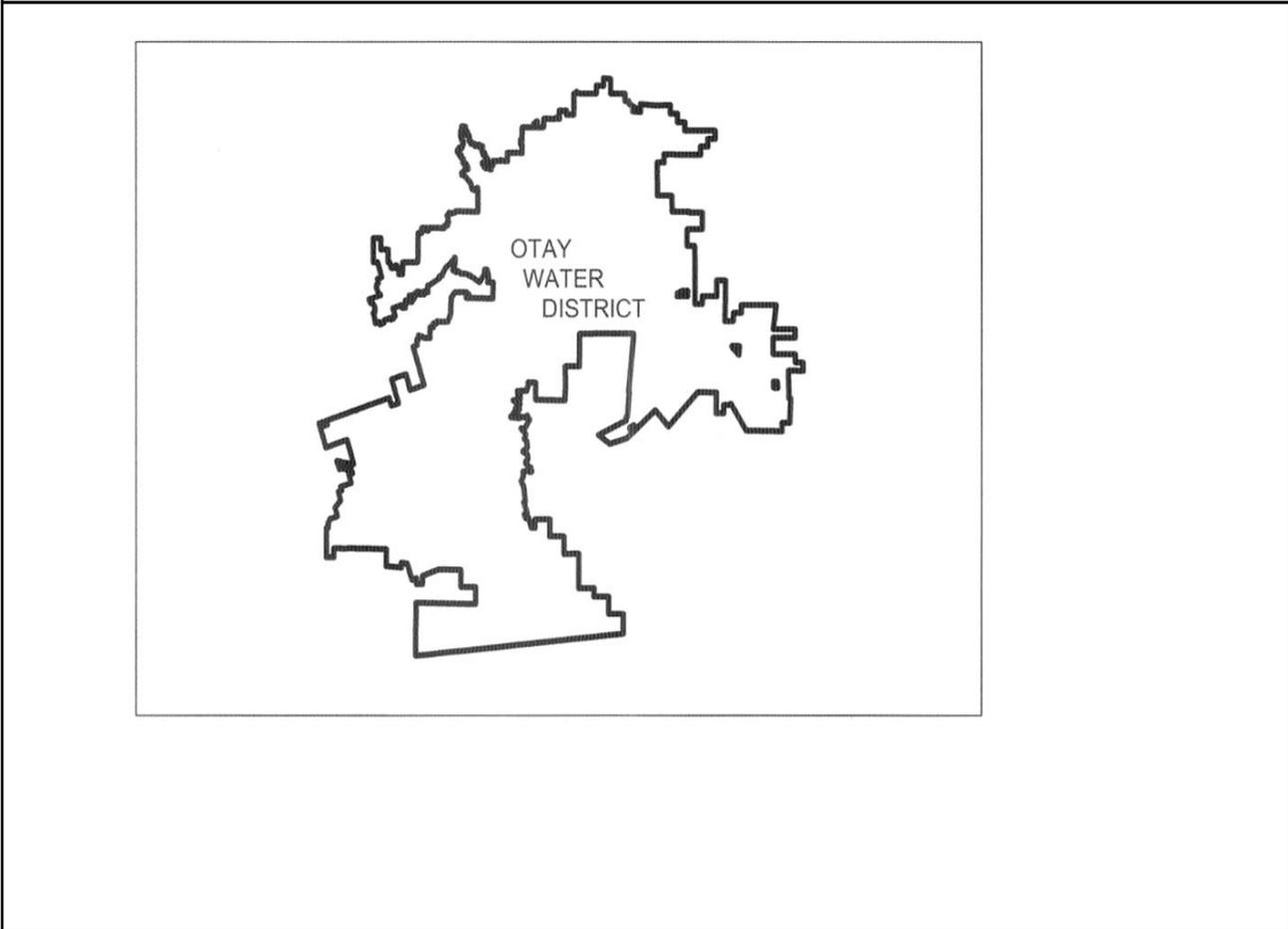
CIP Number: R2089

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	05/07	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2090

PROJECT TITLE:	MBR Water Recycling Facility Feasibility Study		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Juybari	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	7/5/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$100,000

DESCRIPTION OF PROJECT
 This project is to fund the joint water recycling facility feasibility study for future recycled water supply needs. The partners for this effort are the City of Chula Vista, Sweetwater Authority, and Otay.

JUSTIFICATION OF PROJECT:
 This project has a very good potential to create a new and much needed recycled water supply source.

COMMENTS:
 Otay is participating in the feasibility study as a one third cost sharing partner.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$60	\$40						\$100

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

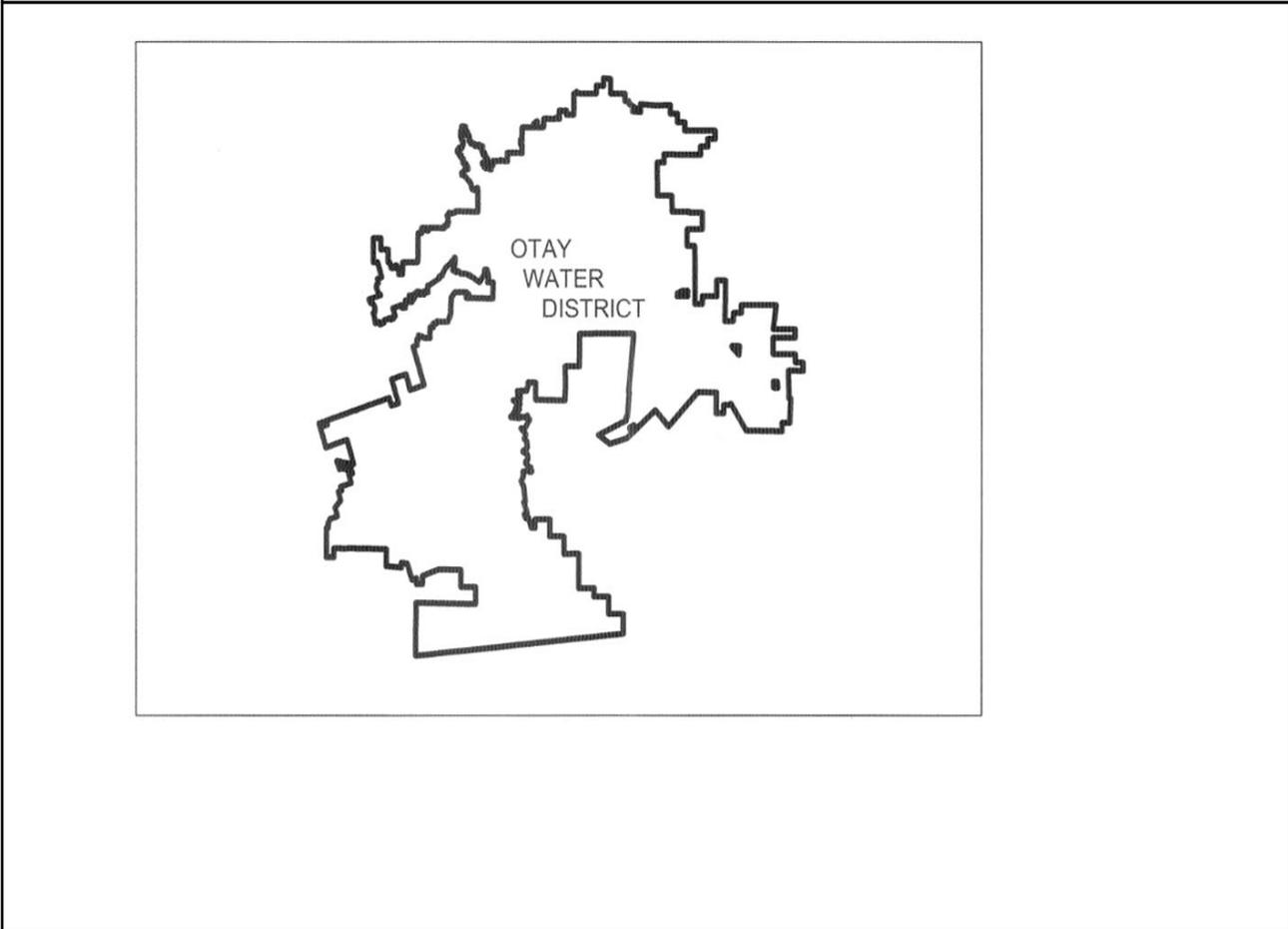
CIP Number: R2090

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	08/07
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2091

PROJECT TITLE:	RecPS - 944-1 Pump Station Upgrade		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	R2003	BUDGET AMOUNT:	\$325,000

DESCRIPTION OF PROJECT

This project consists of adding a new pump and modifying two existing pumps to operate within the system at higher efficiencies.

JUSTIFICATION OF PROJECT:

The overall operating conditions of the pump station have been modified as a result of the planned service to the Otay Mesa System recycled water system from the Central Area System and the conversion of a existing potable water pipeline within the Use Area for recycled water service.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	50%			50%
I.D. 22		50%		
TOTAL	50%	50%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$325						\$325

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

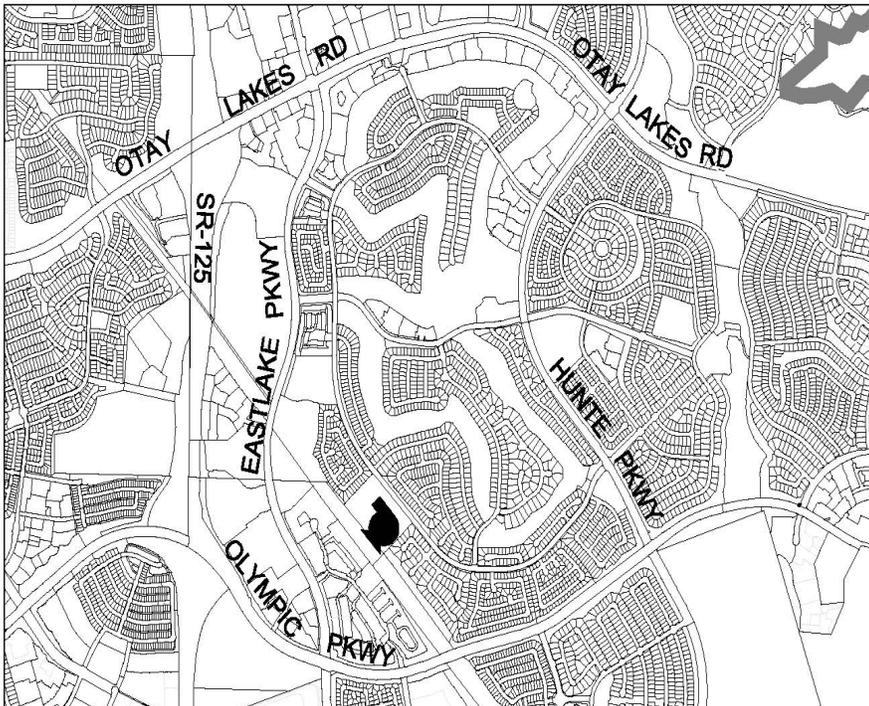
CIP Number: R2091

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	10/07
DESIGN:	11/07	12/07
CONSTRUCTION:	01/08	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$107,900	\$111,100	\$114,400	\$117,800	\$121,300

PROJECT LOCATION: **Thomas Bros. Map:** 1311 **OWD Map Book:** 115



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2092

PROJECT TITLE:	Dis - 450-1 Reservoir Disinfection Facility		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	10
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	R2001, R2004	BUDGET AMOUNT:	\$1,100,000

DESCRIPTION OF PROJECT
This project consists of construction of a disinfection system facility at the 450-1 Reservoir.

JUSTIFICATION OF PROJECT:
The recycled water received from the City of San Diego South Bay Water Reclamation Plant is not planned to be disinfected with chemicals. The recycled water will be to disinfected prior to deliver to the District customers.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 22		100%		100%
TOTAL		100%		100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$300	\$800					\$1,100

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

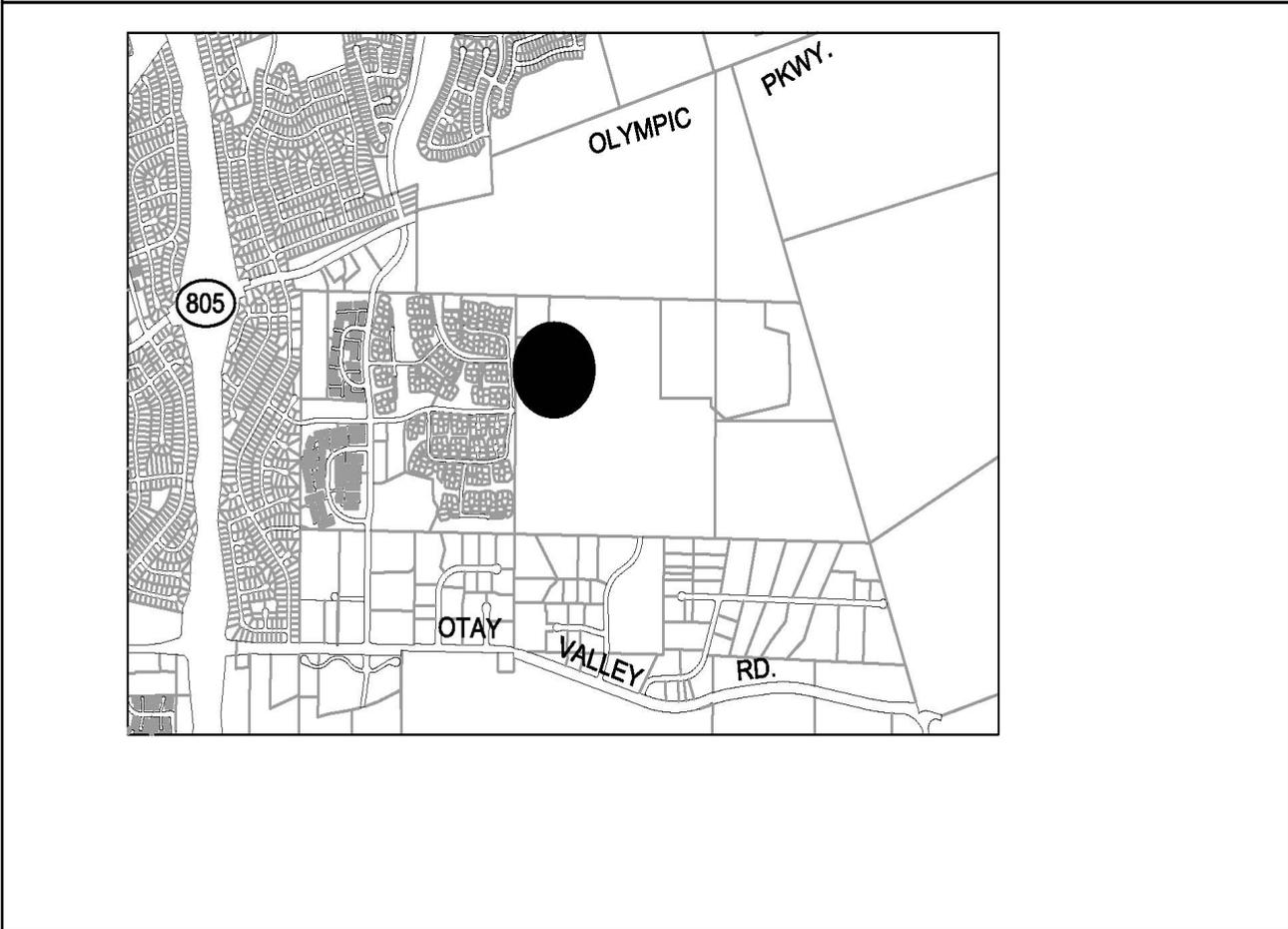
CIP Number: R2092

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	10/07
DESIGN:	11/07	03/08
CONSTRUCTION:	04/08	06/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$10,700	\$11,000	\$11,300	\$11,600

PROJECT LOCATION: **Thomas Bros. Map:** 1330 **OWD Map Book:** 66



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: S2016

PROJECT TITLE:	Solar Panel Installation Phase I		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Juybari	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$645,000

DESCRIPTION OF PROJECT

The solar panel installation of a 65 KW AC solar system at the roof of the operations building or on the administration building.

JUSTIFICATION OF PROJECT:

The installation of the solar panels will potentially assist in reducing electrical costs and aid in the effort to provide a clean environment. The photovoltaic system can produce electricity from a clean, renewable resource without noise or air pollution.

COMMENTS:

An average commercial photovoltaic system costs from about \$8 to \$10 per AC watt. The California Public Utilities Commission approved the California Solar Initiative (CSI) in November 2006. The CSI program pays the public sector owner such as Otay \$0.50 per kwh generated every month to five years.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$10	\$10	\$25	\$200	\$200	\$200		\$645

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

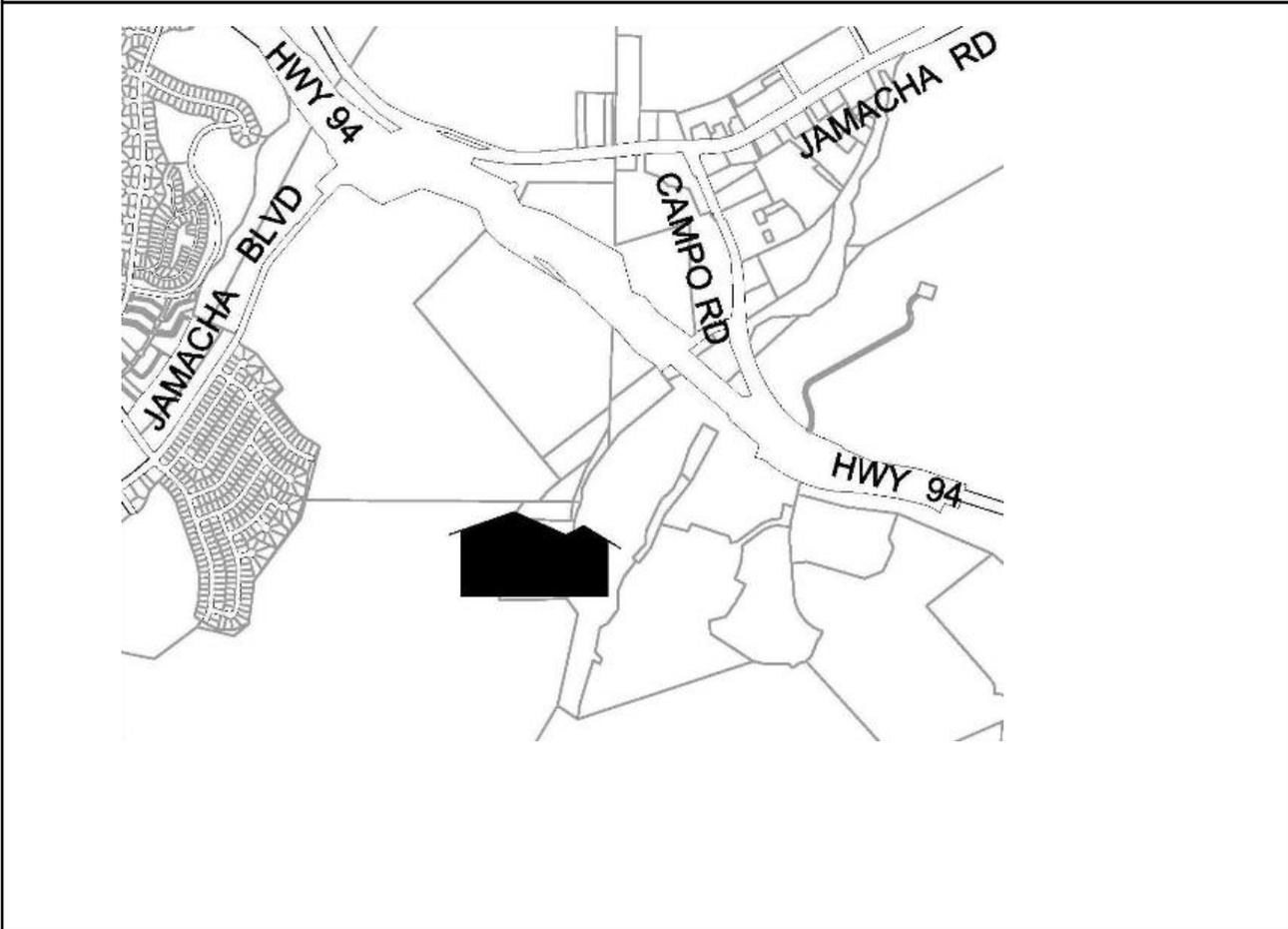
CIP Number: S2016

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	09/07
DESIGN:	10/07	12/09
CONSTRUCTION:	01/10	12/11

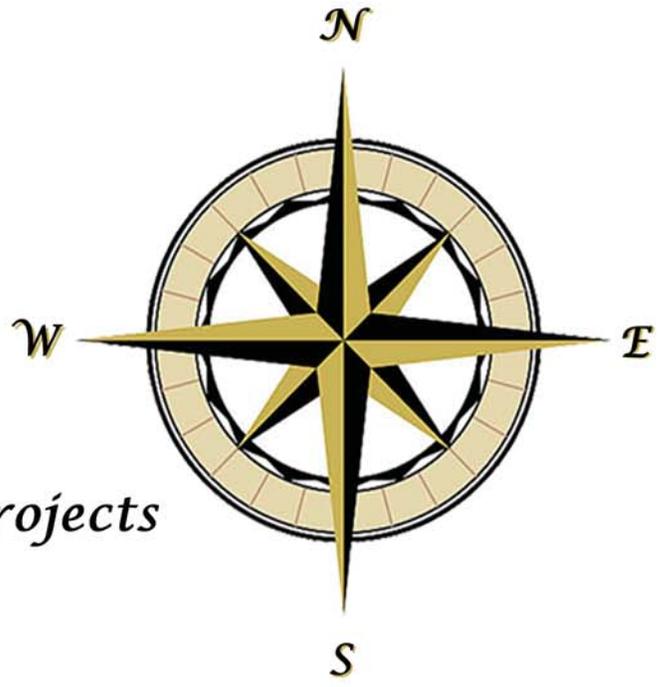
PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 318



Submitted By: Hossein Juybari **Date:** 2/28/2007



Replacement/Renewal Projects

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2356

PROJECT TITLE:	PL - 12-Inch, 803 Zone, Jamul Drive Permastran Pipeline Replacement		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$765,000

DESCRIPTION OF PROJECT
Replacement of the existing 12-inch permastran pipeline within Jamul Drive with approximately 3,600 feet of 12-inch main.

JUSTIFICATION OF PROJECT:
The existing permastran pipeline has experienced failures and is sensitive to the normally occurring pressure changes.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$79	\$420	\$266					\$765

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

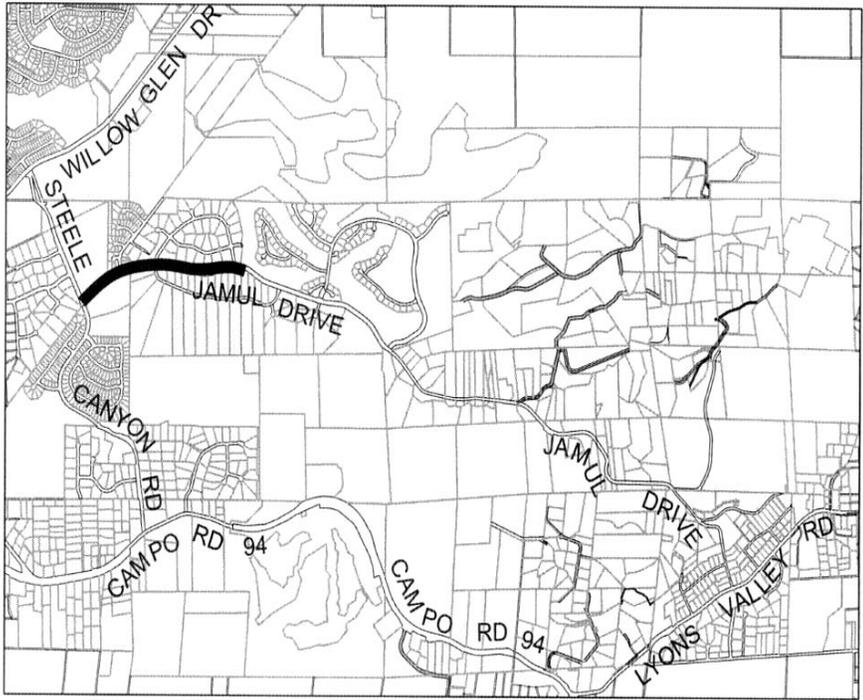
CIP Number: P2356

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	08/06
DESIGN:	09/06	10/07
CONSTRUCTION:	11/07	03/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1272 **OWD Map Book:** 332



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2366

PROJECT TITLE:	APCD Engine Replacements and Retrofits		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Rahders	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	12/6/2000	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$2,438,000

DESCRIPTION OF PROJECT

This project is to replace and/or retrofit 14 diesel fuel burning engines with best technology exhaust gas control systems throughout the District to comply with APCD engine emission regulations. The District also needs to replace, repower, and/or retrofit the heavy vehicle diesel fleet to comply with upcoming emissions regulations.

JUSTIFICATION OF PROJECT:

The District is required to replace and/or retrofit 14 of its engines to meet current APCD requirements including the Air Toxics Control Measures, and to be consistent with the intended operation of the engines to meet system demands. The District also needs to replace, repower, and/or retrofit the heavy vehicle diesel fleet to meet future emissions requirements.

COMMENTS:

See Work Order Nos. 30034, 30043, and 30083.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,518	\$160	\$170	\$180	\$190	\$220		\$2,438

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

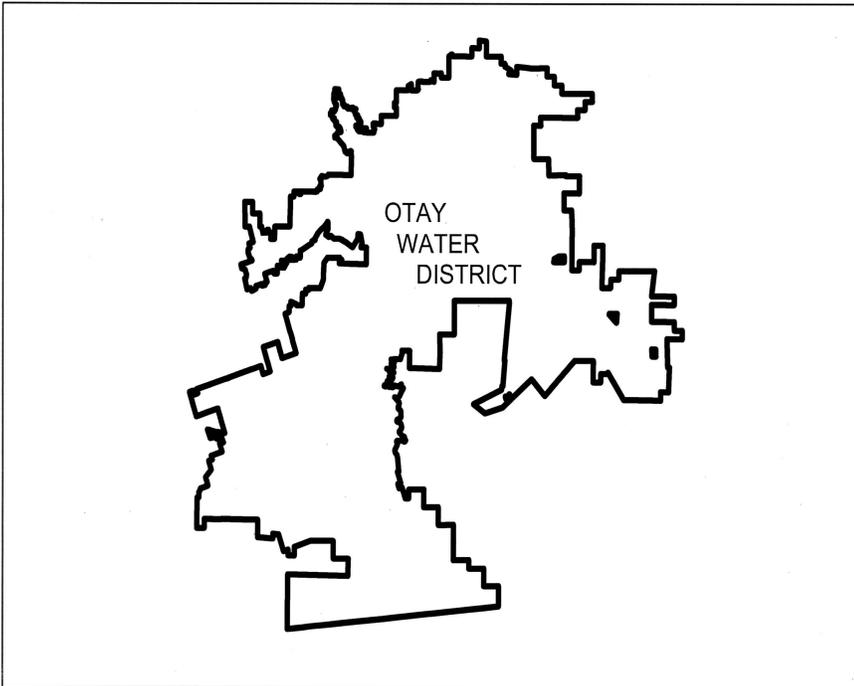
CIP Number: P2366

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/00	06/01
DESIGN:	07/01	06/10
CONSTRUCTION:	07/05	06/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Lisa Coburn-Boyd **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2382

PROJECT TITLE:	Safety and Security Improvements		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Burpeau	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/5/2002	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,317,000

DESCRIPTION OF PROJECT

This project is to improve the security of the District's facilities by developing a response plan, installing protection systems, and contracting with a protection monitoring and response service. This project will also include additional safety and security improvements as required throughout the District. The security improvements are a result of the District's Vulnerability Assessment Report completed in March 2003.

JUSTIFICATION OF PROJECT:

Although existing facilities are relatively safe and secure, the Federal government may mandate that security of water systems be improved by monitoring and response to intrusions. The security improvements are in response to the September 11, 2001 incident and potential future acts of terrorism.

COMMENTS:

See Work Order Nos. 30074 and 30079.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	20%		80%	100%
TOTAL	20%		80%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$958	\$90	\$90	\$90	\$89			\$1,317

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

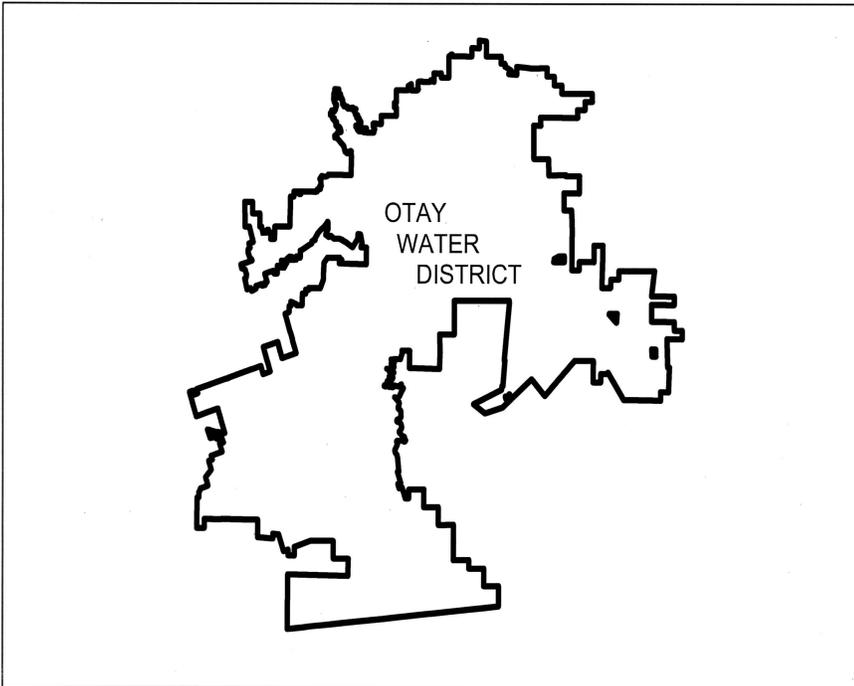
CIP Number: P2382

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/02	08/03
DESIGN:	09/03	06/09
CONSTRUCTION:	08/04	06/11

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Dave Burbeau **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2416

PROJECT TITLE:	SR-125 Utility Relocations		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Kay	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$809,000

DESCRIPTION OF PROJECT

This project provides funding for all utility relocations required due to construction of SR-125. Facility relocations vary in size from 8-inch to 24-inch and they impact both the potable and recycled water systems.

JUSTIFICATION OF PROJECT:

Otay River Constructors, under contract with California Transportation Ventures, is constructing SR-125, which conflicts with existing District facilities at various locations. In some cases, the District does have prior and superior rights; and the facilities must be relocated to avoid physical conflicts.

COMMENTS:

A master agreement has been signed with Otay River Constructors to define the relationship between the two entities and outline the process for defining the scope and cost of each required facility relocation. See Work Order Nos. 30094 and 30103.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$619	\$190					\$809

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

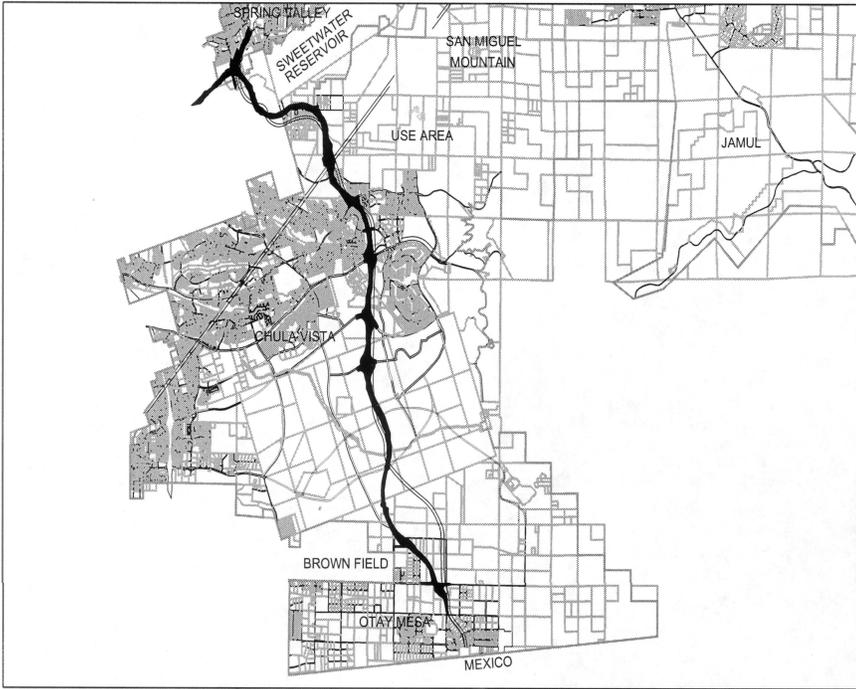
CIP Number: P2416

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	10/02	12/03
DESIGN:	01/04	12/05
CONSTRUCTION:	10/04	03/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2422

PROJECT TITLE:	Agency Interconnections		
WORK ORDER NO:	30093	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Juybari	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$2,050,000

DESCRIPTION OF PROJECT

This project will provide funding to improve the existing interconnections with the District's neighboring agencies. Some of these connections are very old and require the installation of meters, pressure gauges, valves, air/vacuum valves, blow-offs, etc., to ensure efficient, effective, and reliable operation.

JUSTIFICATION OF PROJECT:

The existing interconnections play a vital role in supplying the District with alternative water resources during an outage or supply shortfall from the normal SDCWA facility, known as Pipeline No. 4. Typically on an annual basis, the SDCWA shuts down Pipeline No. 4 for inspection, maintenance, and/or installation of new system components.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$250	\$300	\$300	\$300	\$300	\$300	\$300	\$2,050

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

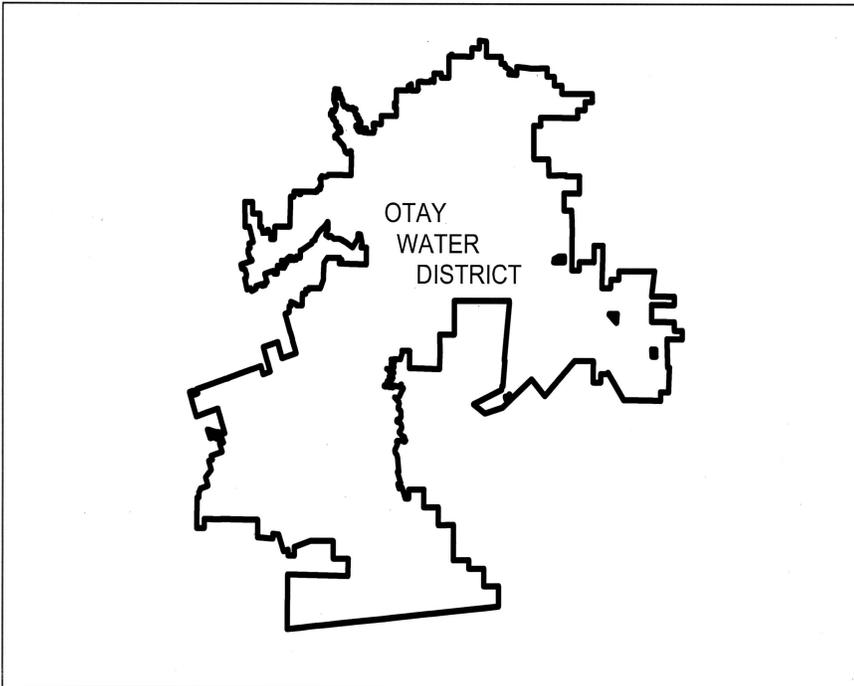
CIP Number: P2422

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	06/12
DESIGN:	06/06	06/12
CONSTRUCTION:	07/07	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2440

PROJECT TITLE:	I-905 Utility Relocations		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Kay	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	1
RELATED CIP PROJECTS:	P2454	BUDGET AMOUNT:	\$1,660,000

DESCRIPTION OF PROJECT

This project provides funding for all utility relocations required due to construction of I-905 on the Otay Mesa. Pipeline relocations vary from 12-inch to 24-inch. Five locations have been identified as in conflict with I-905.

JUSTIFICATION OF PROJECT:

Caltrans will construct I-905, which will result in utility conflicts with District pipelines. In all cases, the District has prior and superior rights. The facilities must be relocated prior to Caltrans construction of I-905. The cost of the facilities relocations that have prior rights will be reimbursed by Caltrans.

COMMENTS:

Utility agreements were developed by Caltrans for each of the required facility relocations. Any betterment work such as pipeline size increase and /or additional length are at the District expense. See Work Order Nos. 30128, 30129, 30130, and 30131.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,000	\$360	\$300					\$1,660

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

CIP Number: P2440

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	01/03	09/06
DESIGN:	10/03	09/06
CONSTRUCTION:	10/06	06/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1351 **OWD Map Book:** 10



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2441

PROJECT TITLE:	NG/RAMAR Meter Replacements		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Henderson	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:	P2458	BUDGET AMOUNT:	\$1,932,000

DESCRIPTION OF PROJECT

This project is to replace the existing meters that were installed in recent years that have become inoperable due to allowed frequencies by the Federal Communication Commission.

JUSTIFICATION OF PROJECT:

The District is currently in pending litigation to recoup the cost of replacing the non functioning NG/Ramar meters. The Board has directed staff to proceed with the replacements.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,832	\$100						\$1,932

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

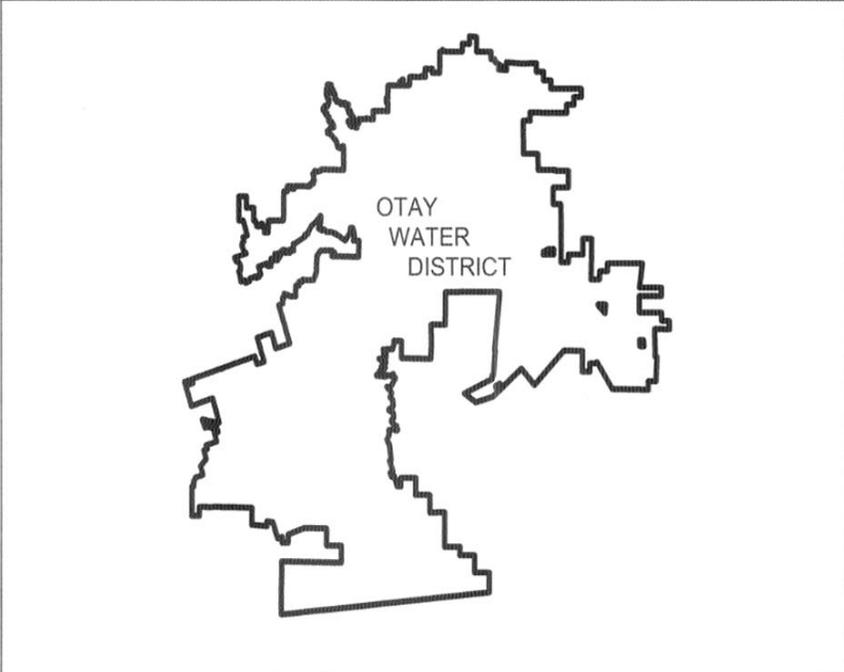
CIP Number: P2441

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:		
DESIGN:		
CONSTRUCTION:	12/06	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Don Henderson **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2447

PROJECT TITLE:	Information Technology Meter Routing		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$130,000

DESCRIPTION OF PROJECT

This project will provide an automated and dynamic meter routing capabilities to District customer service personnel.

JUSTIFICATION OF PROJECT:

With the advent of the Automated Meter Reading (AMR) meters, meter reading routes will be changing on a routine basis. The use of GIS technology and Smart Route routing software will allow for automated route revisions shifting from manual techniques. These improvements will lower costs and leverage the AMR investment.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	25%		75%	100%
TOTAL	25%		75%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$50	\$80						\$130

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

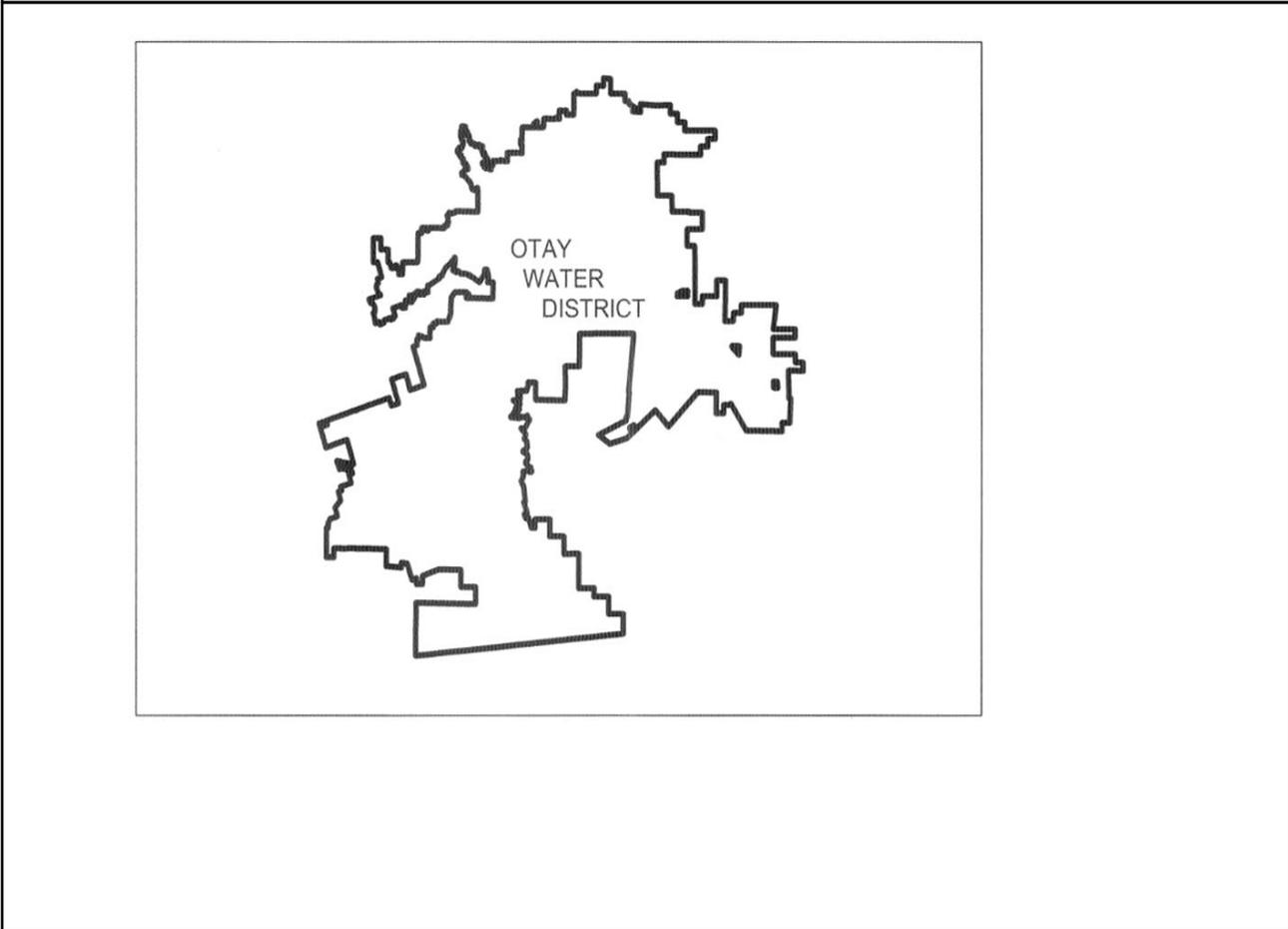
CIP Number: P2447

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$3,600	\$3,700	\$3,800	\$3,900	\$4,000

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2453

PROJECT TITLE:	SR-11 Utility Relocations		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Kay	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$2,300,000

DESCRIPTION OF PROJECT

This project provides funding for all utility relocations required due to construction of SR-11 on the Otay Mesa. Facility relocations vary in size from 8-inch to 24-inch. Both the potable and recycled water systems are impacted.

JUSTIFICATION OF PROJECT:

Caltrans will construct SR-11, which will result in utility conflicts with existing District facilities at various locations. In most cases, the District does have prior and superior rights. The facilities must be relocated prior to Caltrans construction of SR-11. The cost of the facilities relocations that have prior rights will be reimbursed by Caltrans.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$5	\$165	\$125	\$680	\$655	\$670	\$2,300

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

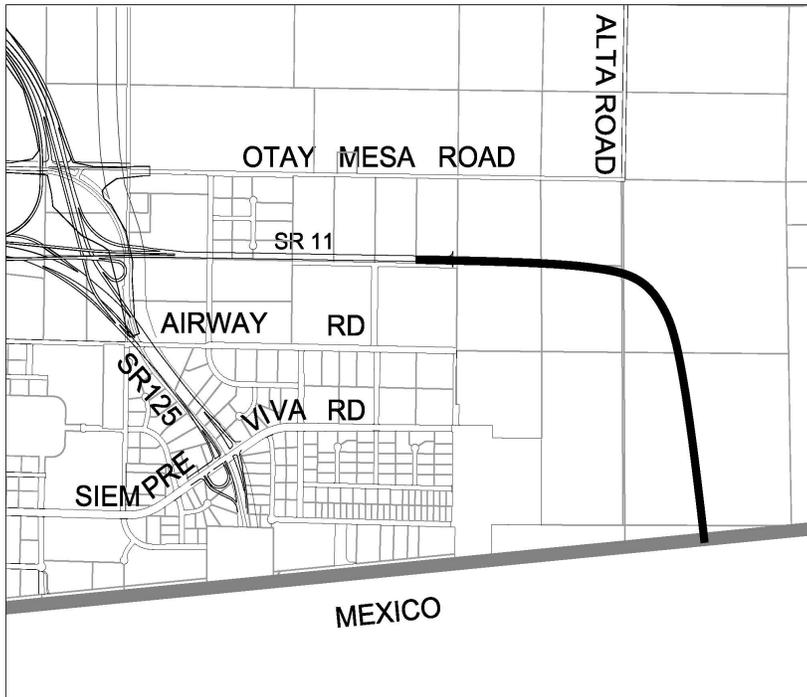
CIP Number: P2453

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	06/09
DESIGN:	07/07	10/09
CONSTRUCTION:	11/09	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1351 **OWD Map Book:** 5



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2455

PROJECT TITLE:	Data Cleansing Project		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:	P2363	BUDGET AMOUNT:	\$350,000

DESCRIPTION OF PROJECT

This project provides funding for clean up of inaccurate data in the District's core customer, permitting, and facilities databases. Through use of data analysis tools, inaccurate and corrupted data will be eliminated from the OIS databases.

JUSTIFICATION OF PROJECT:

The District's information systems require accurate and functional data to operate efficiently and achieve the benefits of integration. Through the process of implementation and the collection of inaccurate data over time the District needs to correct bad data to achieve system benefits.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$190	\$160						\$350

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

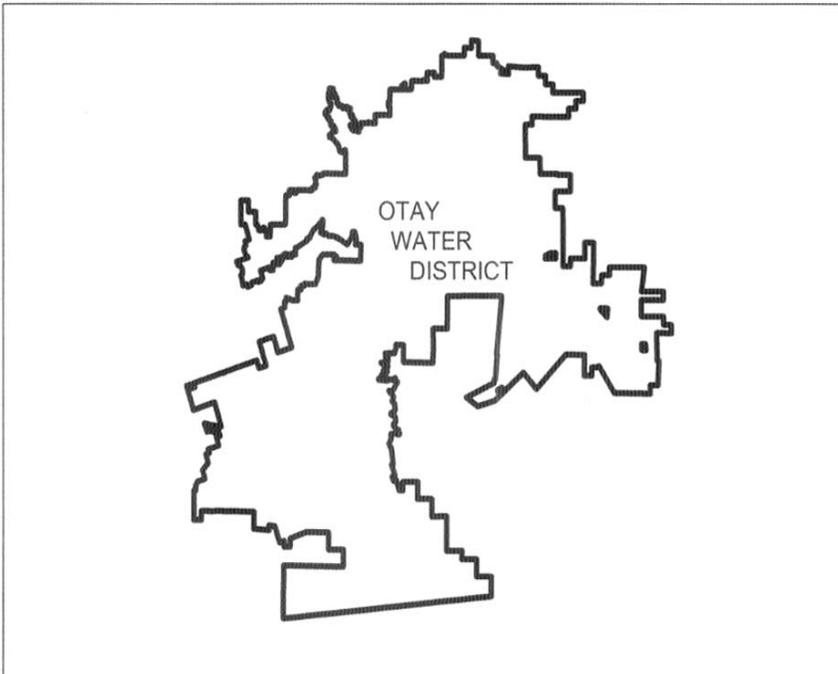
CIP Number: P2455

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2456

PROJECT TITLE:	Air and Vacuum Valve Upgrades		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Henderson	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,744,000

DESCRIPTION OF PROJECT

This project is to provide funding for the upgrading of approximately 750 existing are and vacuum valves that are currently below grade.

JUSTIFICATION OF PROJECT:

The current Department of Health regulations requires that all potable air and vacuum valves be installed above grade to eliminate the possibility of back siphoning ground water into the potable water system in the event of pressure loss within the water system.

COMMENTS:

Some of the existing are and vacuum valves are located in streets and roadways. These facilities will require extension of the plumping outside of the traveled way. It is planned to upgrade approximately 140 units per year.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			74%	74%
I.D. 1		14%		14%
I.D. 20		12%		12%
TOTAL		26%	74%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$234	\$520	\$550	\$580	\$600	\$620	\$640	\$3,744

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

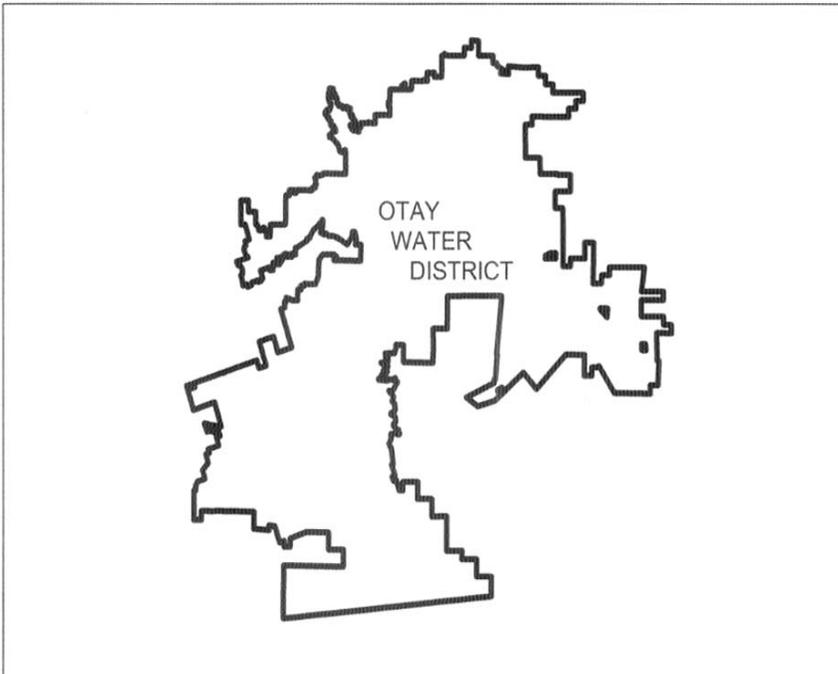
CIP Number: P2456

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:		
DESIGN:		
CONSTRUCTION:	07/06	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Don Henderson **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2458

PROJECT TITLE:	AMR Manual Meter Replacement		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Henderson	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:	P2441	BUDGET AMOUNT:	\$9,368,000

DESCRIPTION OF PROJECT

This project will provide funding to replace all manually read meters with AMR meters. Approximately 34,700 existing manual 3/4-inch meters will be replaced with the AMR meter.

JUSTIFICATION OF PROJECT:

This program will benefit the District in the form of reducing manpower resources as the systems are expanded.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$143	\$1,250	\$1,375	\$1,500	\$1,650	\$1,700	\$1,750	\$9,368

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

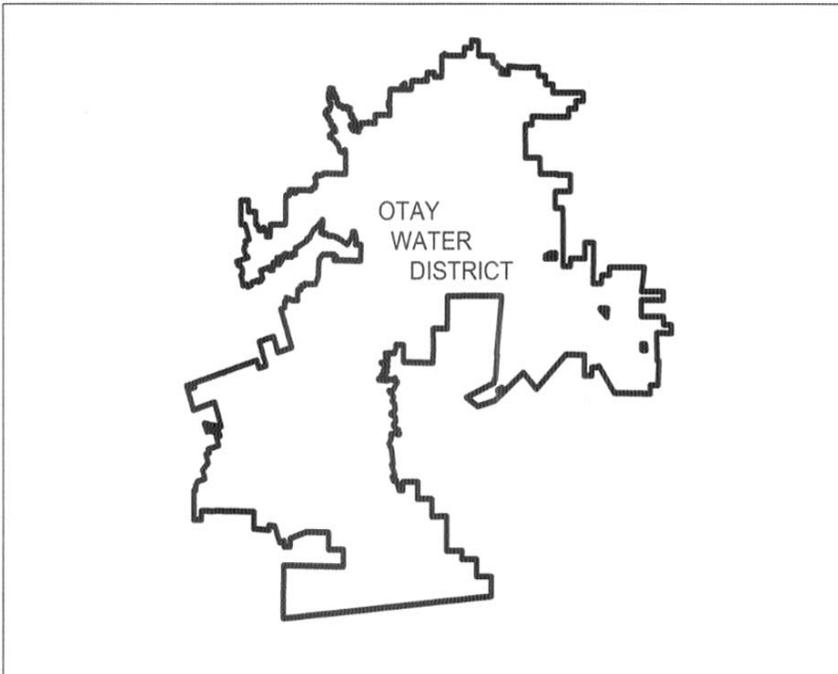
CIP Number: P2458

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:		
DESIGN:		
CONSTRUCTION:	07/06	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$-36,500	\$-34,500	\$-34,700	\$-39,300	\$-40,400	\$-41,000

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Don Henderson **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2459

PROJECT TITLE:	Olive Vista Drive Utility Relocations		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	9
ORIGINAL APPROVED DATE:	5/23/2006	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,242,000

DESCRIPTION OF PROJECT

This project provides funding for all utility relocations required due to the reconstruction and widening of Olive Vista Drive.

JUSTIFICATION OF PROJECT:

The County of San Diego is reconstructing and widening Olive Vista Drive and Jefferson Road in Jamul. The District does not have prior and superior rights. Approximately 875 feet of 10-inch and 600 feet on 12-inch pipelines need to be relocated and lowered, along with the associated appurtenances.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$142	\$1,100						\$1,242

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

CIP Number: P2459

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	01/06	06/06
DESIGN:	07/06	06/07
CONSTRUCTION:	07/07	01/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1292 **OWD Map Book:** 322



Submitted By: Daniel Kay **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2468

PROJECT TITLE:	Finance Department Office Remodel		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$50,000

DESCRIPTION OF PROJECT
 This project is to provide funding for additional offices and related improvements to the Administration Building within the Finance Department.

JUSTIFICATION OF PROJECT:
 The new office spaces within the Finance Department are necessary to improve functionality. The concept is to foster a teamwork atmosphere plus contribute to the sharing of information and skills among staff.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$50						\$50

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

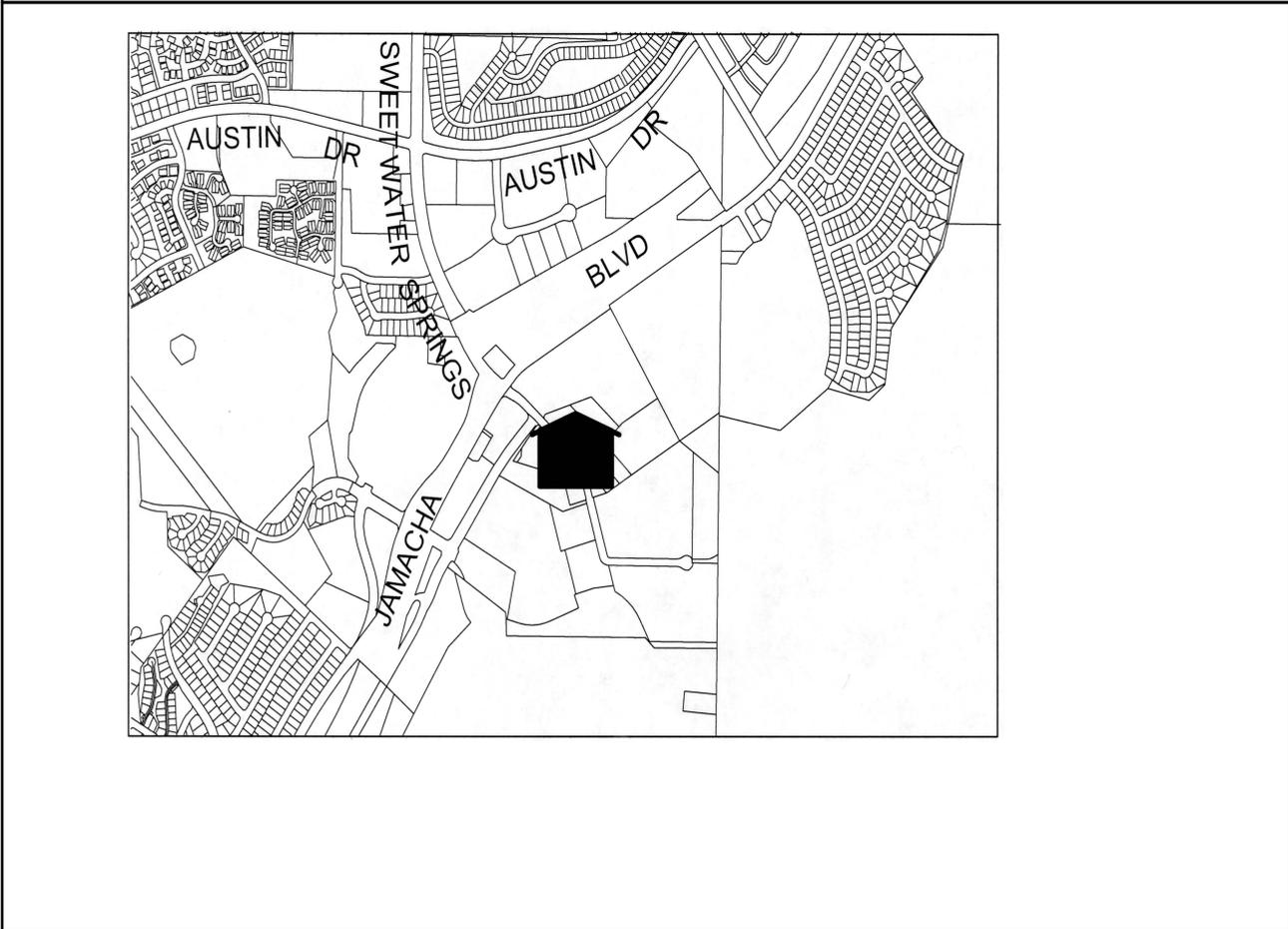
CIP Number: P2468

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	09/07
DESIGN:	10/07	02/08
CONSTRUCTION:	03/08	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1291 **OWD Map Book:** 318



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2086

PROJECT TITLE:	RWCWRF Force Main AirVac Replacements and Road Improvements		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	3
PROJECT MANAGER:	Juybari	I.D. LOCATION:	
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$875,000

DESCRIPTION OF PROJECT

Replacement of 21 existing two inch air release and vacuum valves on the recycled water force main from the RWCWRF to the Use Area with improved capacity and corrosion resistance features. The existing seven isolation valves on the force main will be replaced. The existing roadway along the force main will be improved.

JUSTIFICATION OF PROJECT:

The existing air release and vacuum valves on the force main have failed frequently, which causes unauthorized discharges of recycled water. The existing isolation valves are corroded and exhibit signs of leakage. The existing access road along the force main is damaged and improvements will increase safety for operations personnel.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$205	\$670						\$875

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

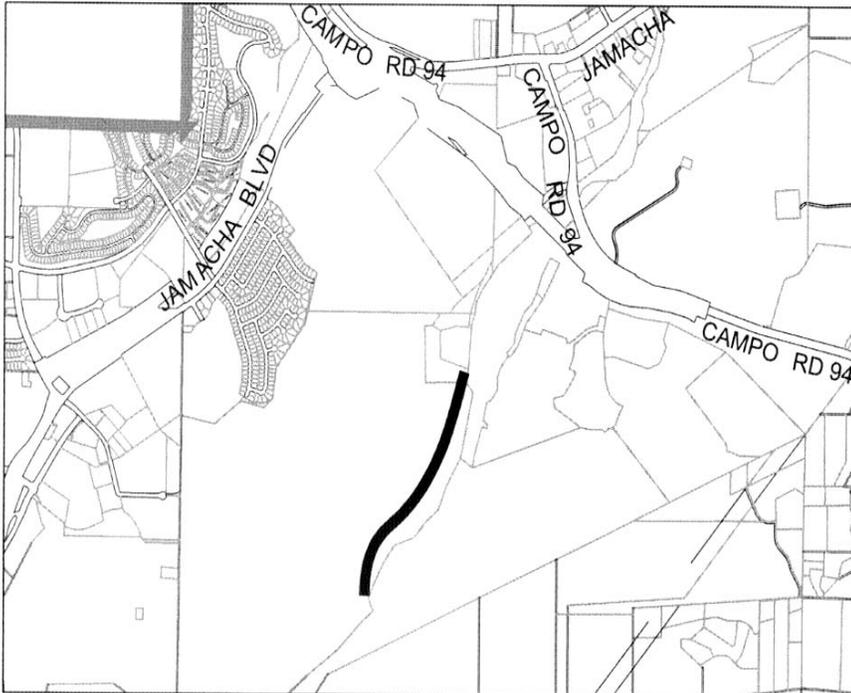
CIP Number: R2086

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	07/06
DESIGN:	08/06	02/07
CONSTRUCTION:	03/07	05/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 319



Submitted By: Hossein Juybari **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: **S2012**

PROJECT TITLE:	SVSD Outfall and RSD Replacement and OM Reimbursement		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Peasley	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,571,000

DESCRIPTION OF PROJECT

This project provides funding for the District's proportionate share of the SVSD total costs for replacement of various system components of the existing Spring Valley and Rancho San Diego Outfall Systems per terms of an existing agreement with the SVSD. The reimbursement also includes a proportionate share of operating and maintenance costs.

JUSTIFICATION OF PROJECT:

Various components of the SVSD Spring Valley Outfall and the Rancho San Diego Outfall are in very bad condition and are need of repair and/or replacement.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,281	\$605	\$365	\$270	\$340	\$350	\$360	\$3,571

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

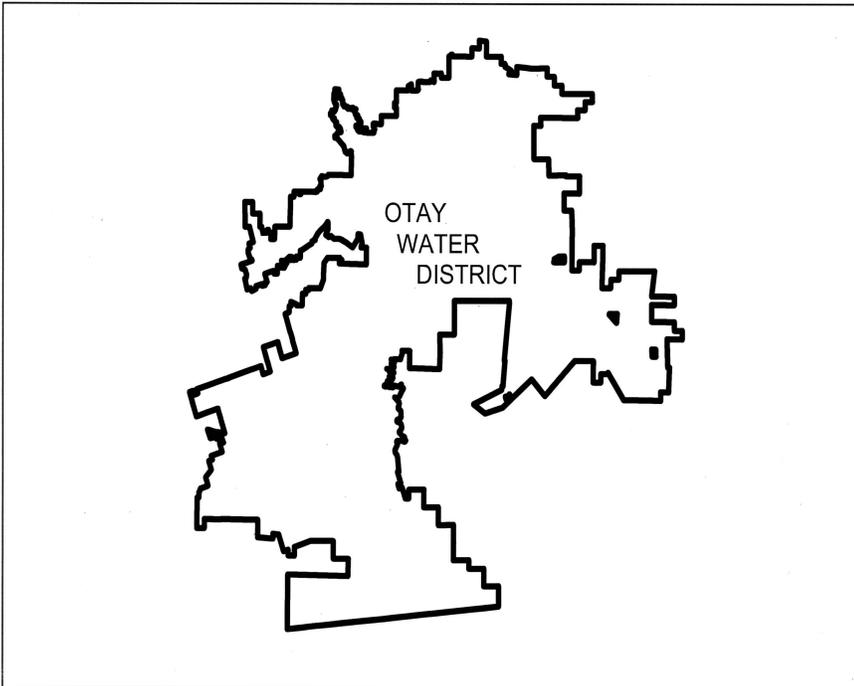
CIP Number: S2012

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	06/13
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Jim Peasley **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: **S2015**

PROJECT TITLE:	Calavo Lift Station Replacement		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Kay	I.D. LOCATION:	14
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$726,000

DESCRIPTION OF PROJECT
Construction of a new sewer lift station to replace the existing lift station.

JUSTIFICATION OF PROJECT:
The existing lift station has no remaining useful life, has groundwater intrusion problems, and replacement components are hard to find.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$141	\$585						\$726

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

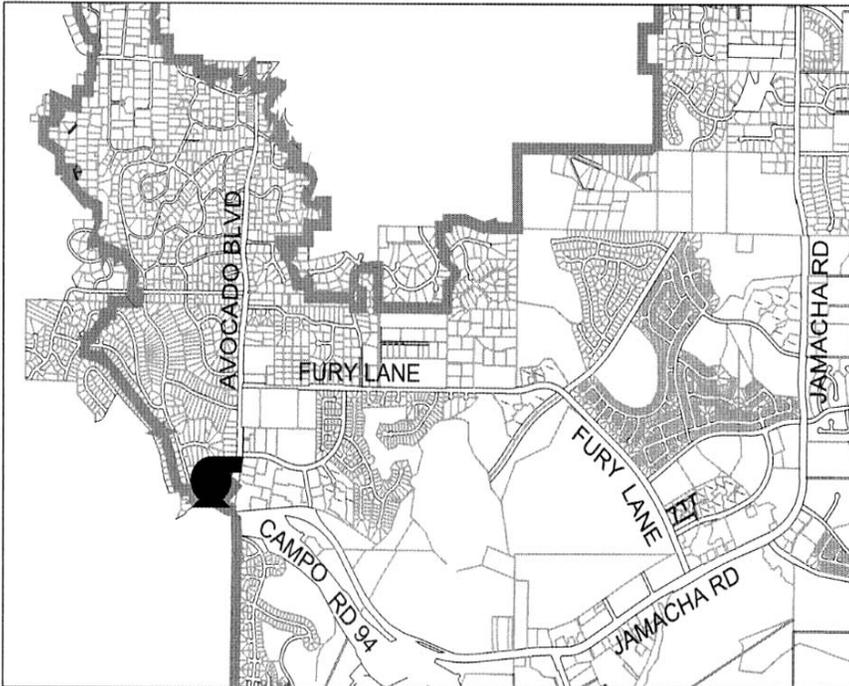
CIP Number: S2015

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/05	08/06
DESIGN:	09/06	09/07
CONSTRUCTION:	10/07	06/08

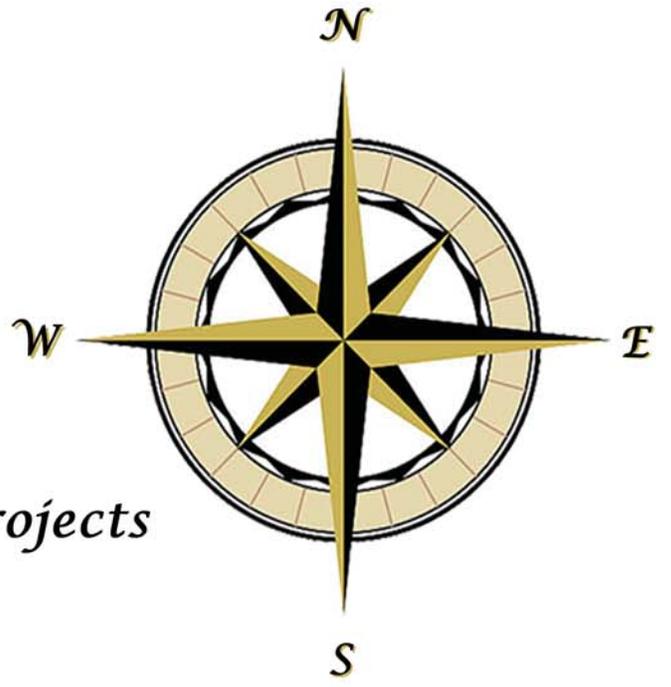
PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1271 **OWD Map Book:** 342



Submitted By: Daniel Kay **Date:** 2/28/2007



Capital Purchase Projects

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2282

PROJECT TITLE:	Vehicle Capital Purchases		
WORK ORDER NO:	30012	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Porras	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/3/1996	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$2,451,000

DESCRIPTION OF PROJECT
 This project provides funding for capital purchase of various vehicles for daily District functions.

JUSTIFICATION OF PROJECT:
 Replacements or newly acquired vehicles will be used for operational and administrative functions throughout the entire District.

COMMENTS:
 It is planned to purchase nine vehicles in fiscal year 2008.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,141	\$210	\$220	\$220	\$220	\$220	\$220	\$2,451

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

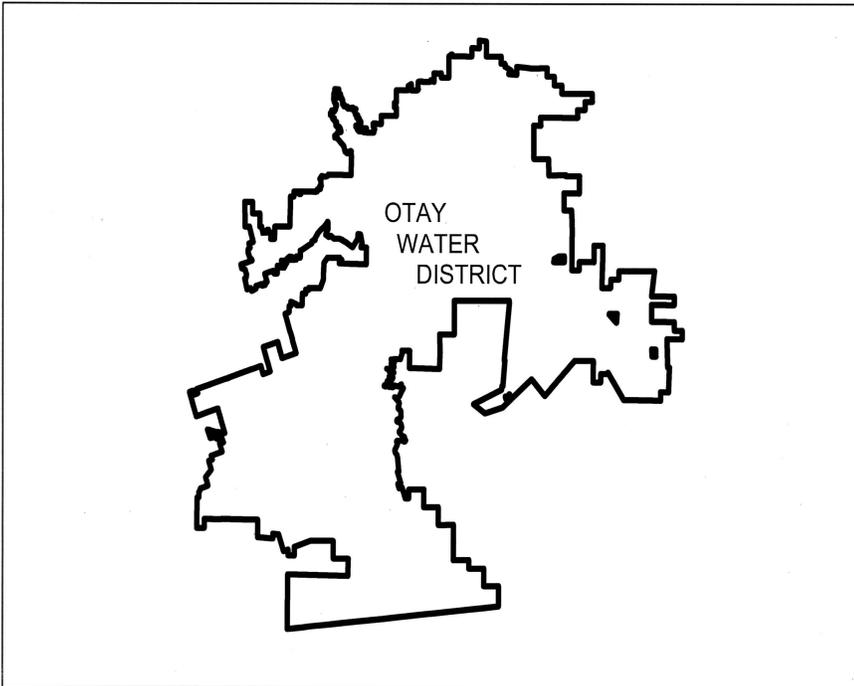
CIP Number: P2282

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/00	06/13
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Pedro Porras **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2286

PROJECT TITLE:	Field Equipment Capital Purchases		
WORK ORDER NO:	30014	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Porras	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/3/1996	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,202,000

DESCRIPTION OF PROJECT
 This project provides funding for capital purchase of various pieces of field equipment used for daily District functions.

JUSTIFICATION OF PROJECT:
 Replacements or new acquisitions of field equipment will be used for operational and administrative functions throughout the entire District.

COMMENTS:
 It is planned to purchase a hydraulic breaker and valve machine in fiscal year 2008.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund			100%	100%
TOTAL			100%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$611	\$91	\$100	\$100	\$100	\$100	\$100	\$1,202

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

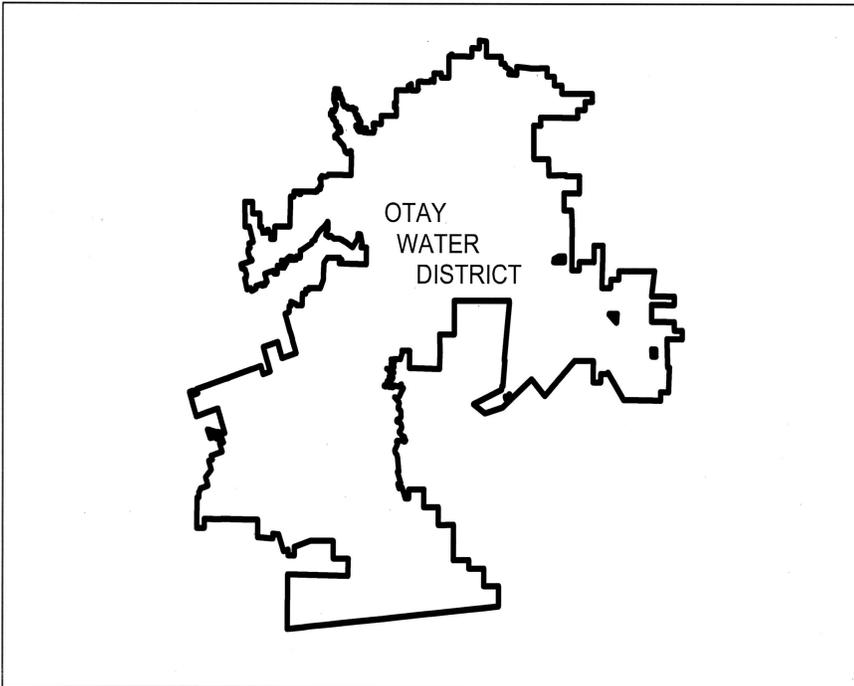
CIP Number: P2286

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	12/00	06/13
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$800	\$2,000	\$4,100	\$8,400	\$17,300	\$35,600

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Pedro Porras **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2353

PROJECT TITLE:	Information Technology System Enhancements and Replacements		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$3,762,000

DESCRIPTION OF PROJECT

Regular and ongoing enhancement and replacement of Information Technologies (IT) systems components. This includes the computer network, security services, network servers, personal computers, computer software, printers, voicemail, and telecommunications.

JUSTIFICATION OF PROJECT:

The useful life of IT systems components is about three years. Over this period, advances in technology make older components obsolete, rendering them inadequate for business operations. Constant improvements in network servers and infrastructure, personal computers, the Windows operating systems, office applications, and telecommunications equipment mandate upgrades about every three years. This program will ensure that we are able to implement new technology architectures and platforms plus bring significant improvements in functionality on a regular ongoing basis.

COMMENTS:

See Work Order Nos. 8478, 8859, 8860, 9242, 30065, 30089, 30090, and 30097.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	33%		67%	100%
TOTAL	33%		67%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$3,047	\$365	\$350					\$3,762

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

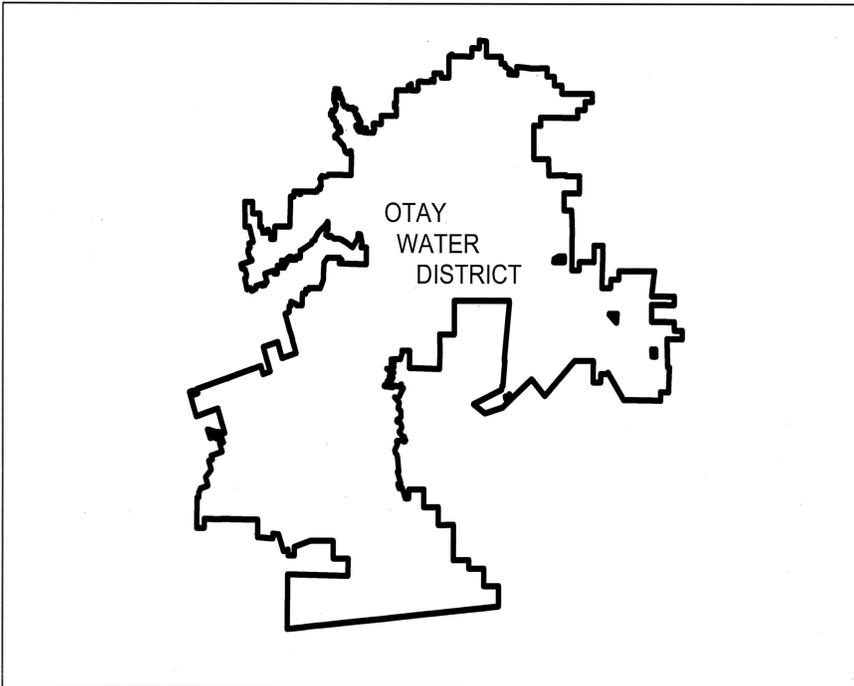
CIP Number: P2353

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/96	06/09
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2361

PROJECT TITLE:	Information Technology GIS Enhancements		
WORK ORDER NO:	9219	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$1,945,000

DESCRIPTION OF PROJECT
 This project provides funding for capital purchases of software and installation services to support the Geographic Information System (GIS).

JUSTIFICATION OF PROJECT:
 The GIS project and systems have been deployed in both an intranet and a mobile application to support facility mapping and utilization requirements. The GIS system needs to be expanded to serve as a basis for infrastructure management systems and to prepare it to interface with the customer billing and work order systems that are under development.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	25%		75%	100%
TOTAL	25%		75%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1,695	\$150	\$100					\$1,945

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

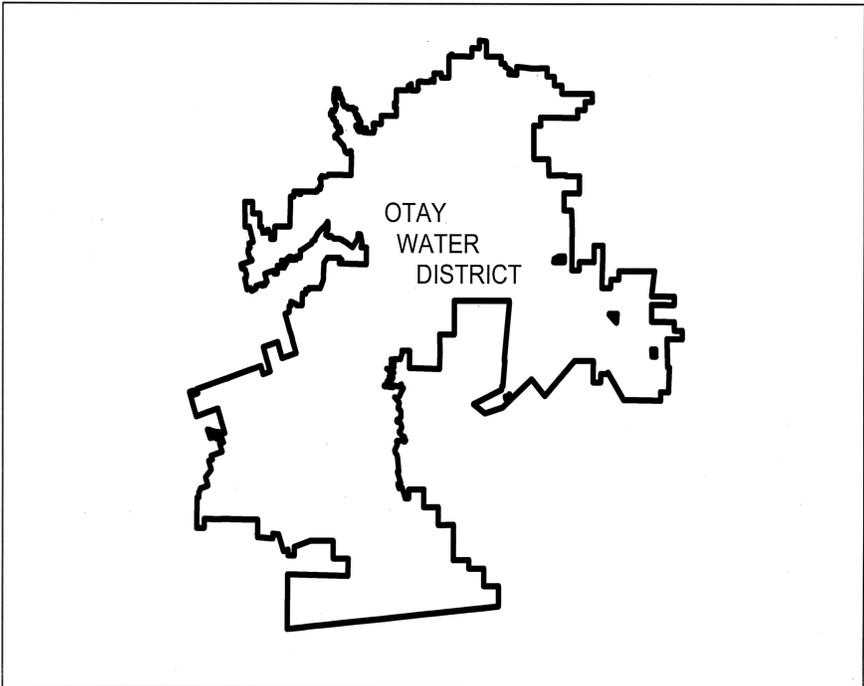
CIP Number: P2361

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/00	06/09
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2363

PROJECT TITLE:	Information Technology Utility Billing, Data Management, and Financial System		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	1
RELATED CIP PROJECTS:	P2455	BUDGET AMOUNT:	\$6,600,000

DESCRIPTION OF PROJECT

This project is to replace the current utility billing system, utility permitting system, public services developer system, enterprise infrastructure management systems, financial systems, human resource system, and payroll system. Also will provide web interface capabilities for District customers.

JUSTIFICATION OF PROJECT:

The current billing system is obsolete, can no longer be maintained, and operates on a platform that no longer is supported by the vendor. The District's permitting and infrastructure management systems, which were developed ad-hoc, cannot be maintained or are non-existent; these must be replaced by an enterprise system. To achieve a totally integrated system, the financial, human resources, and payroll systems also need to be replaced.

COMMENTS:

The Board will be provided an opportunity to review the project prior to major expenditures of funds. See Work Order Nos. 9220, 30052, 30053, 30054, 30055, 30056, and 30115.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	25%		75%	100%
TOTAL	25%		75%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$6,300	\$200	\$100					\$6,600

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

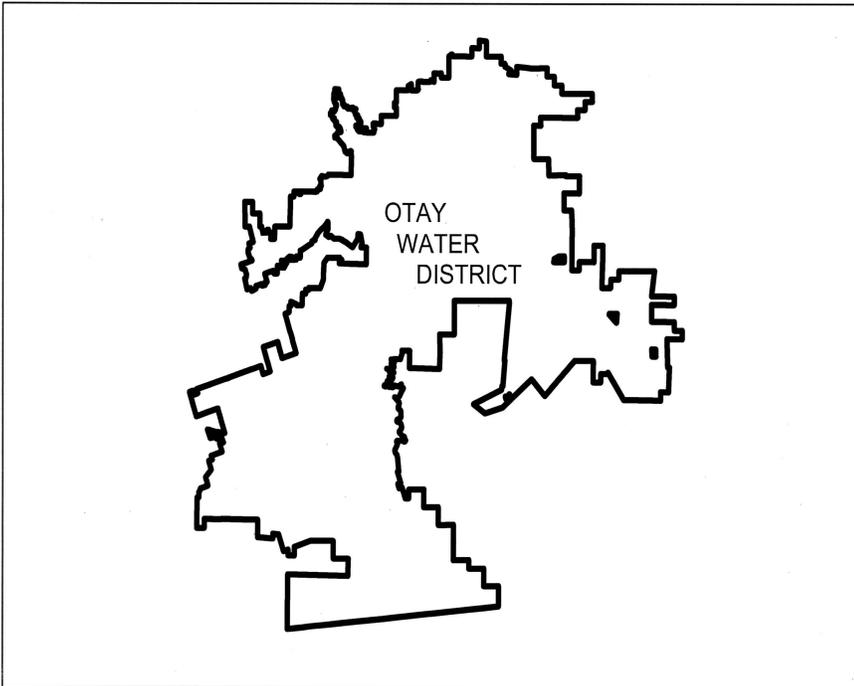
CIP Number: P2363

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/00	06/09
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2443

PROJECT TITLE:	Information Technology Mobile Services		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Stevens	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:	5/23/2005	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$652,000

DESCRIPTION OF PROJECT

This project will provide for the testing and integration of mobile data and information services to field staff members.

JUSTIFICATION OF PROJECT:

The District is implementing new work processes that will require field access to GIS data. This project will ensure that the technology is appropriate and implemented in a planned and cost effective manner.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	25%		75%	100%
TOTAL	25%		75%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$412	\$240						\$652

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

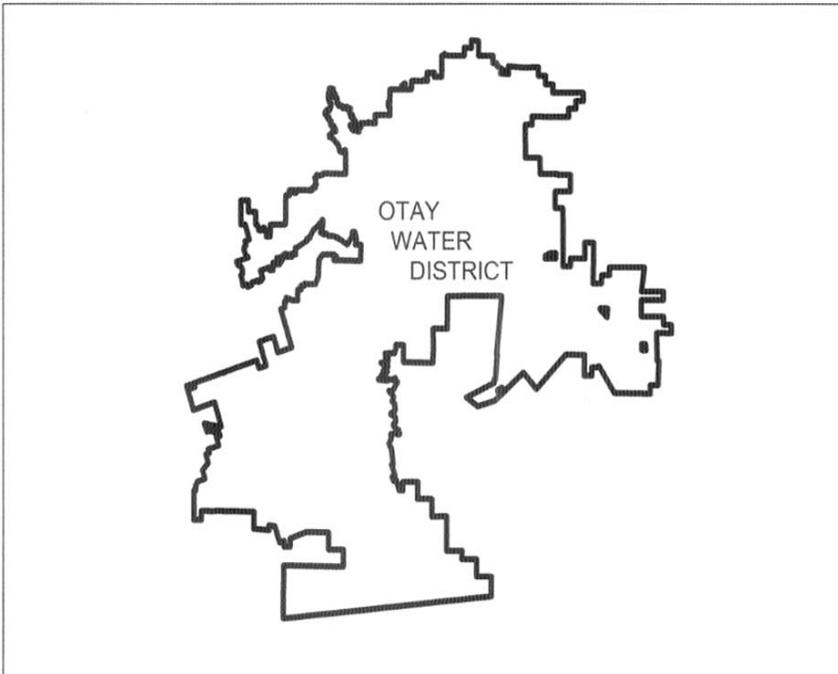
CIP Number: P2443

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/05	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$18,000	\$18,500	\$19,100	\$19,700	\$20,300

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Goeff Stevens **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2461

PROJECT TITLE:	Records Management System Upgrade		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	District Wide
PROJECT MANAGER:	Jenkins	I.D. LOCATION:	District Wide
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$150,000

DESCRIPTION OF PROJECT

This project will expand the scope of the current records management system to capture existing paper records, scan and categorize, and expand scanning capabilities to all Otay departments.

JUSTIFICATION OF PROJECT:

This project is required to achieve strategic objectives for business process improvements. Also, required to meet demands for business backup and recovery goals.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	25%		75%	100%
TOTAL	25%		75%	100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$150						\$150

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

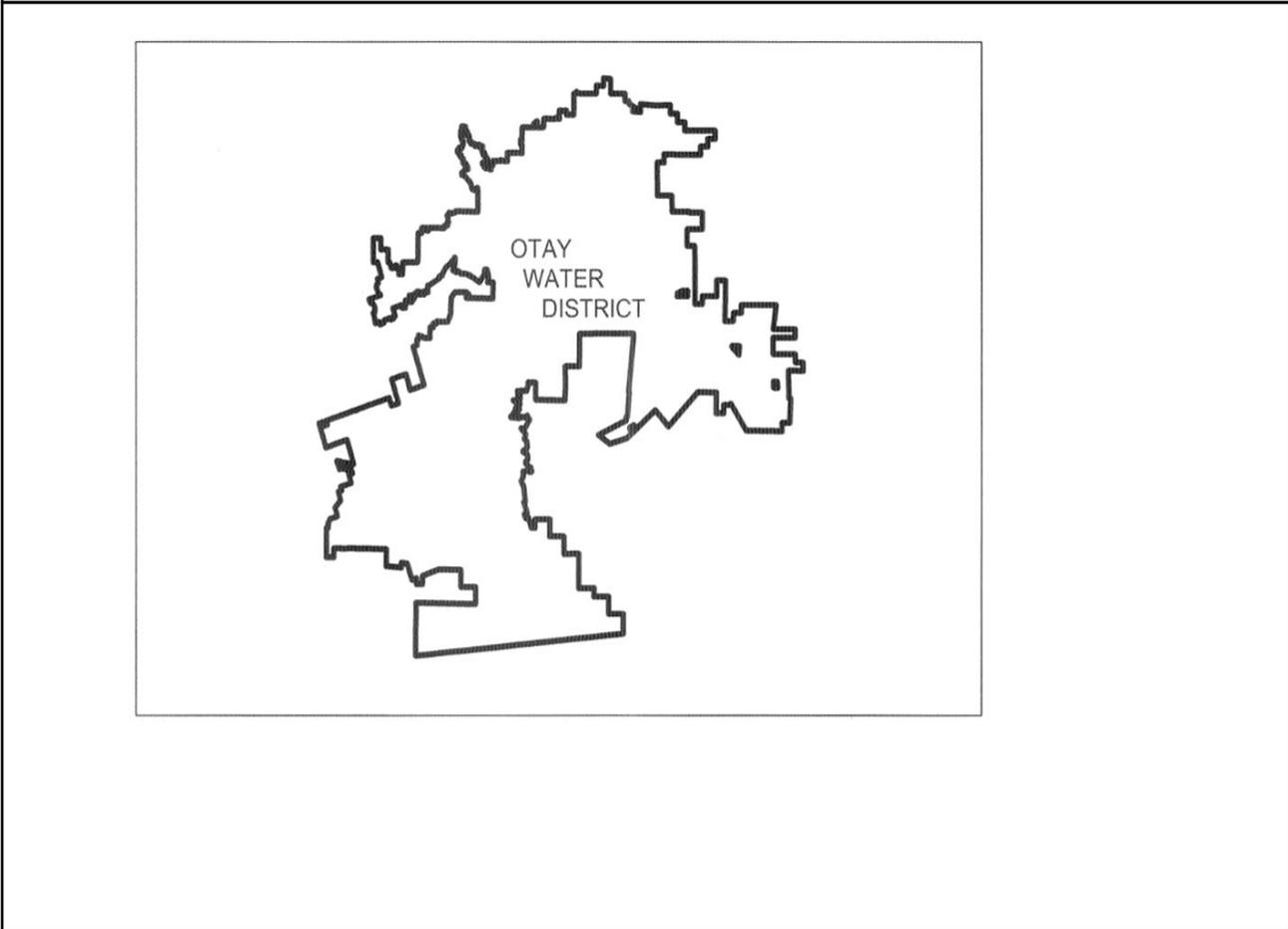
CIP Number: P2461

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	06/08
DESIGN:		
CONSTRUCTION:		

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

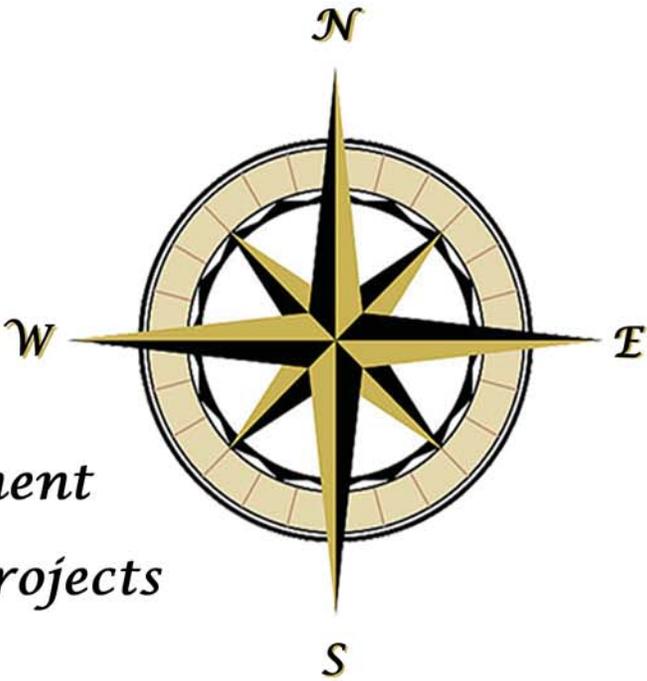
FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** District Wide **OWD Map Book:** District Wide



Submitted By: Bill Jenkins **Date:** 2/28/2007

*Developer Reimbursement
Projects*



**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2070

PROJECT TITLE:	PL - 16-Inch, 980 Zone, Pacific Bay Homes Road- Proctor Valley/Rolling Hills Hydro PS		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$550,000

DESCRIPTION OF PROJECT
 Construction of approximately 3,000 feet of 16-inch main within the 980 Pressure Zone located within the Rolling Hills Ranch development from Proctor Valley Road to the Rolling Hills Hydropneumatic Pump Station. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project is needed to provide service to the higher portions of Rolling Hills Ranch and the planned development east of Rolling Hills Ranch (Bella Lago).

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$550						\$550

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

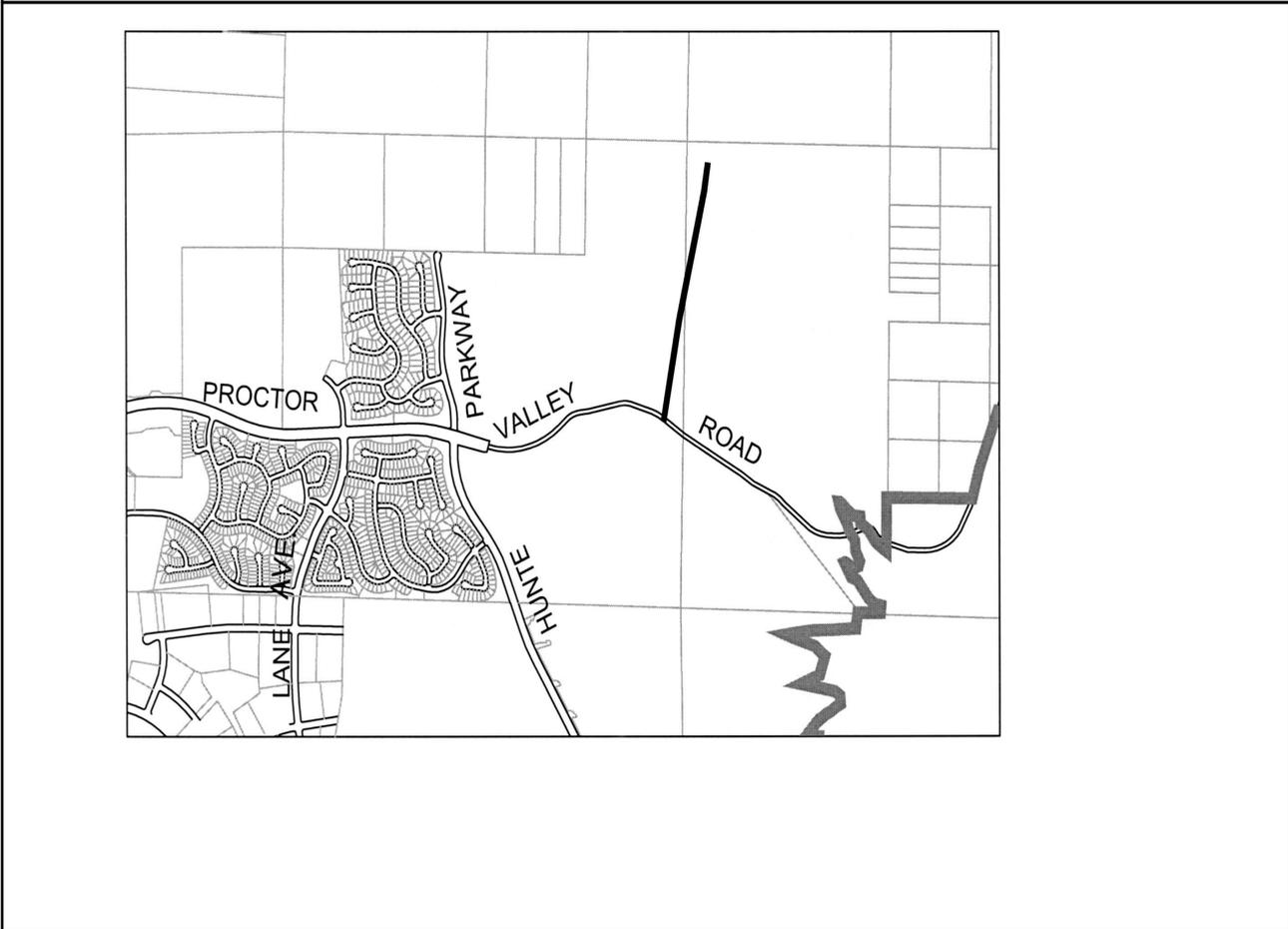
CIP Number: P2070

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	08/03
DESIGN:	09/03	11/04
CONSTRUCTION:	12/04	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
(\$1,000)					

PROJECT LOCATION: **Thomas Bros. Map:** 1311 **OWD Map Book:** 145



Submitted By: David Charles **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2121

PROJECT TITLE:	PL - 16-Inch, 711 Zone, Hunte Parkway - Olympic/EastLake		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	2
RELATED CIP PROJECTS:	P2133	BUDGET AMOUNT:	\$551,000

DESCRIPTION OF PROJECT
 Construction of approximately 8,600 feet of 16-inch pipeline within the 711 Pressure Zone in the Hunte Parkway from Olympic Parkway to EastLake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 711 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$550	\$1						\$551

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

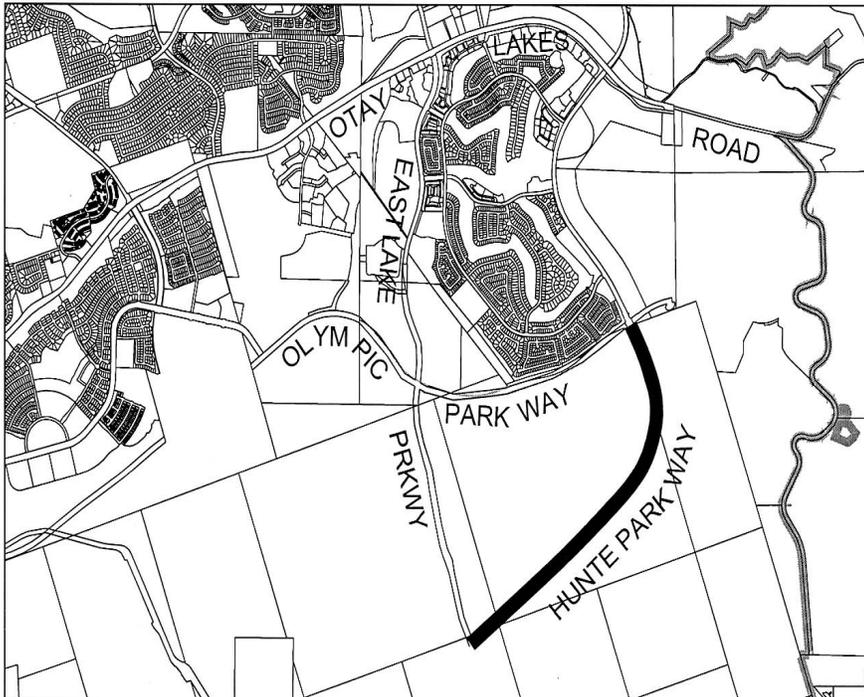
CIP Number: P2121

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	02/04
DESIGN:	03/04	11/05
CONSTRUCTION:	12/05	08/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$2,900	\$3,000	\$3,100	\$3,200	\$3,300	\$3,400

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 100



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2133

PROJECT TITLE:	PL - 16-Inch, 711 Zone, EastLake Parkway - Olympic/Birch		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	2
RELATED CIP PROJECTS:	P2121	BUDGET AMOUNT:	\$151,000

DESCRIPTION OF PROJECT
 Construction of approximately 5,600 feet of 16-inch pipeline within the 711 Pressure Zone in EastLake Parkway from Olympic Parkway to Birch Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 711 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$150	\$1						\$151

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

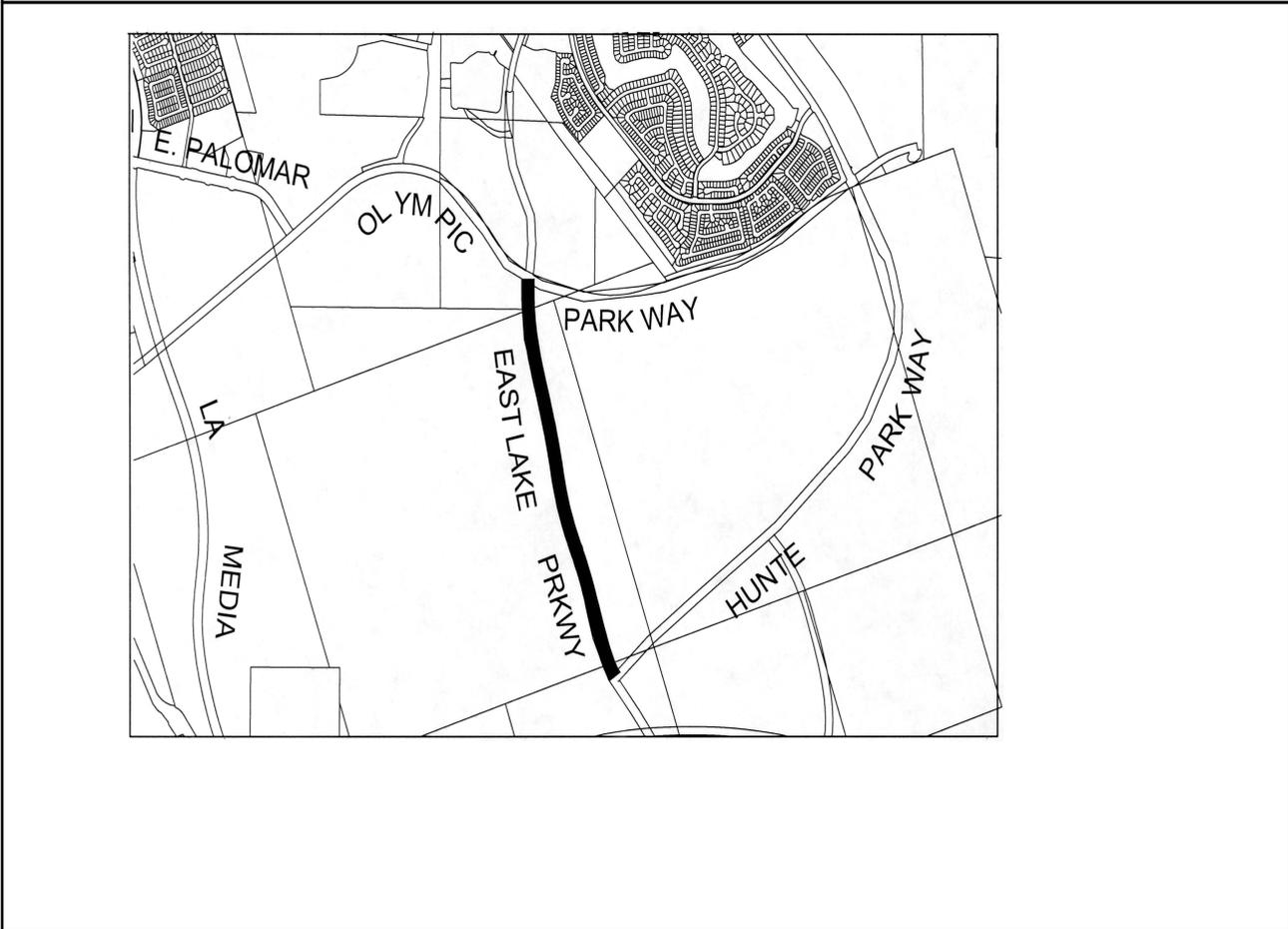
CIP Number: P2133

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/02	09/03
DESIGN:	10/03	08/04
CONSTRUCTION:	09/04	08/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$1,900	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 84



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2164

PROJECT TITLE:	PL - 20-Inch, 980 Zone, EastLake Parkway - Olympic/Birch		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	1
RELATED CIP PROJECTS:	P2169	BUDGET AMOUNT:	\$211,000

DESCRIPTION OF PROJECT
 Construction of approximately 2,500 feet of 20-inch pipeline within the 980 Pressure Zone in EastLake Parkway from Olympic Parkway to Birch Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 980 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$210	\$1						\$211

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

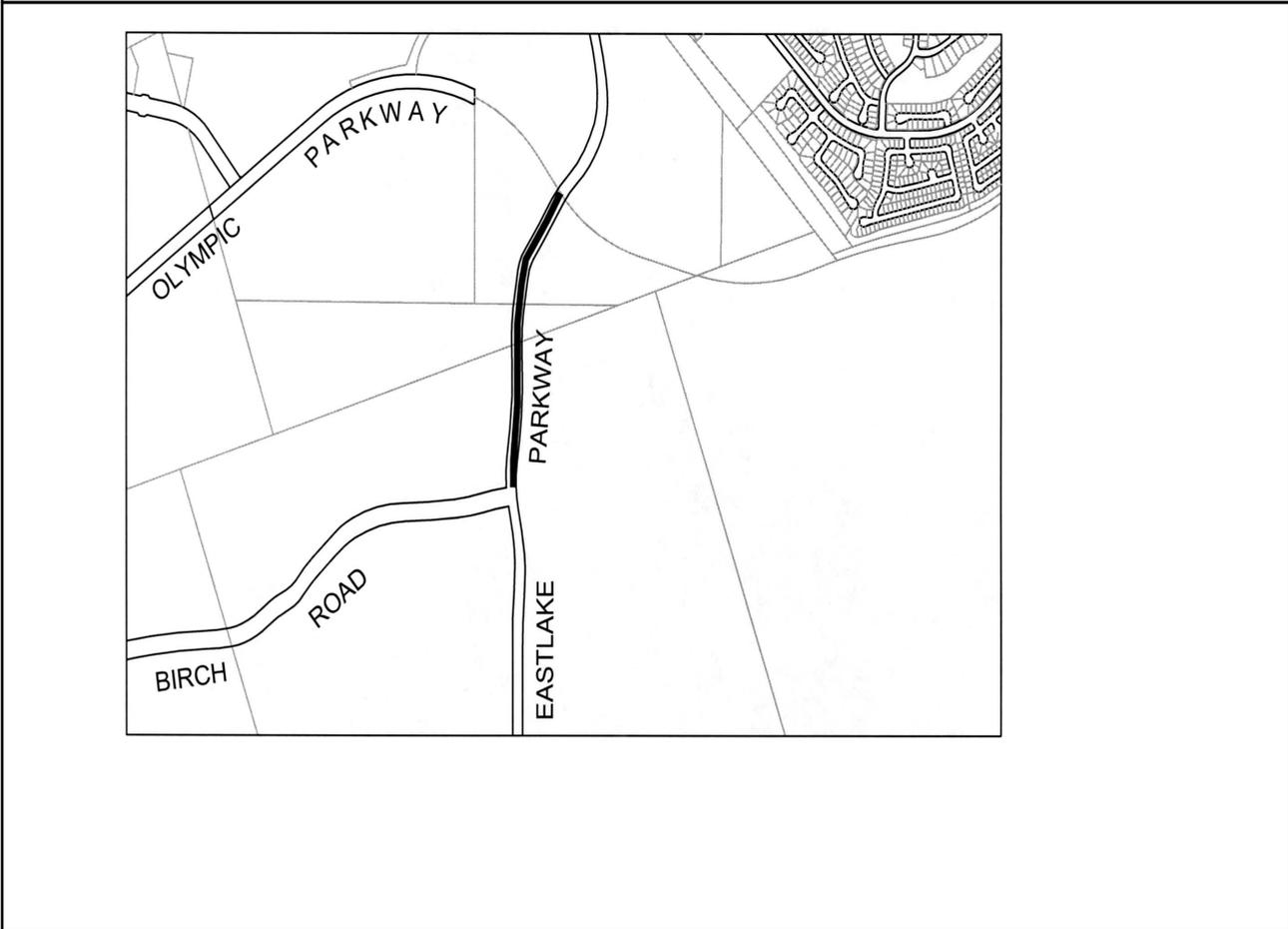
CIP Number: P2164

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	01/04
DESIGN:	02/04	08/04
CONSTRUCTION:	09/04	08/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$900	\$900	\$900	\$900	\$900	\$900

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 99



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2169

PROJECT TITLE:	PL - 20-Inch, 980 Zone, EastLake Parkway - Birch/Rock Mountain		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	P2164	BUDGET AMOUNT:	\$325,000

DESCRIPTION OF PROJECT
 Construction of approximately 2,500 feet of 20-inch pipeline within the 980 Pressure Zone in EastLake Parkway from Birch Road to Rock Mountain Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 980 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$325						\$325

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

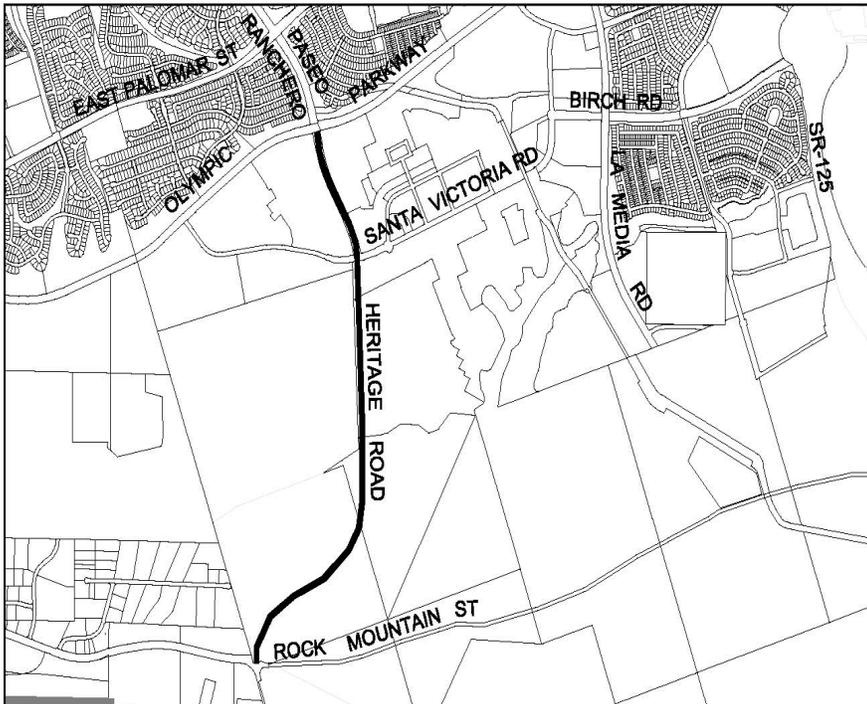
CIP Number: P2169

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	09/07
DESIGN:	10/07	01/08
CONSTRUCTION:	02/08	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$900	\$900	\$900	\$900	\$900

PROJECT LOCATION: Thomas Bros. Map: 1331 OWD Map Book: 84



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2325

PROJECT TITLE:	PL - 10" to 12" Oversize, 1296 Zone, PB Road - Rolling Hills Hydro PS/PB Bndy		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	4
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$130,000

DESCRIPTION OF PROJECT
Construction of approximately 6,900 feet of 12-inch pipeline from the Rolling Hills Hydropneumatic Pump Station to the future 1296 Reservoir. A portion of the project will be constructed by the developer and is subject to reimbursement at actual cost for the oversize portion per Board policy.

JUSTIFICATION OF PROJECT:
This project will provide transmission capacity for development of Rolling Hills Ranch, Bello Lago, and possible future adjacent areas within the Rolling Hills Hydropneumatic Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$130						\$130

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

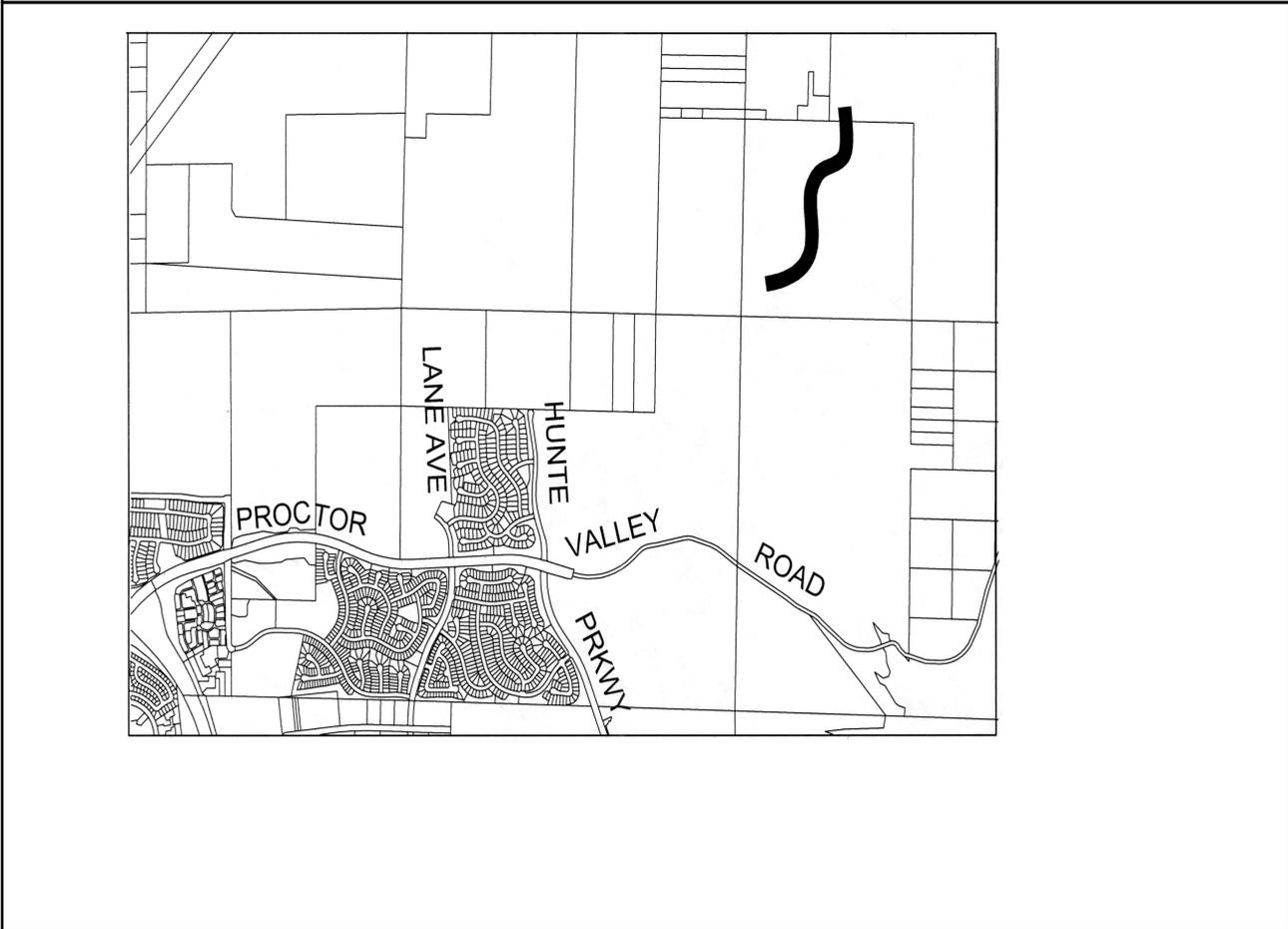
CIP Number: P2325

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/04	08/04
DESIGN:	09/04	12/04
CONSTRUCTION:	01/05	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$2,300	\$2,400	\$2,500	\$2,600	\$2,700

PROJECT LOCATION: **Thomas Bros. Map:** 1311 **OWD Map Book:** 160



Submitted By: David Charles **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2367

PROJECT TITLE:	PL - 16-Inch, 980 Zone, Olympic Parkway - East Palomar/EastLake		
WORK ORDER NO:	30051	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/7/2000	PRIORITY	1
RELATED CIP PROJECTS:	P2164	BUDGET AMOUNT:	\$1,500,000

DESCRIPTION OF PROJECT
 Construction of approximately 9,800 feet of 16-inch pipeline within the 980 Pressure Zone in Olympic Parkway from East Palomar to Eastlake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 980 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$235		\$850	\$415				\$1,500

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

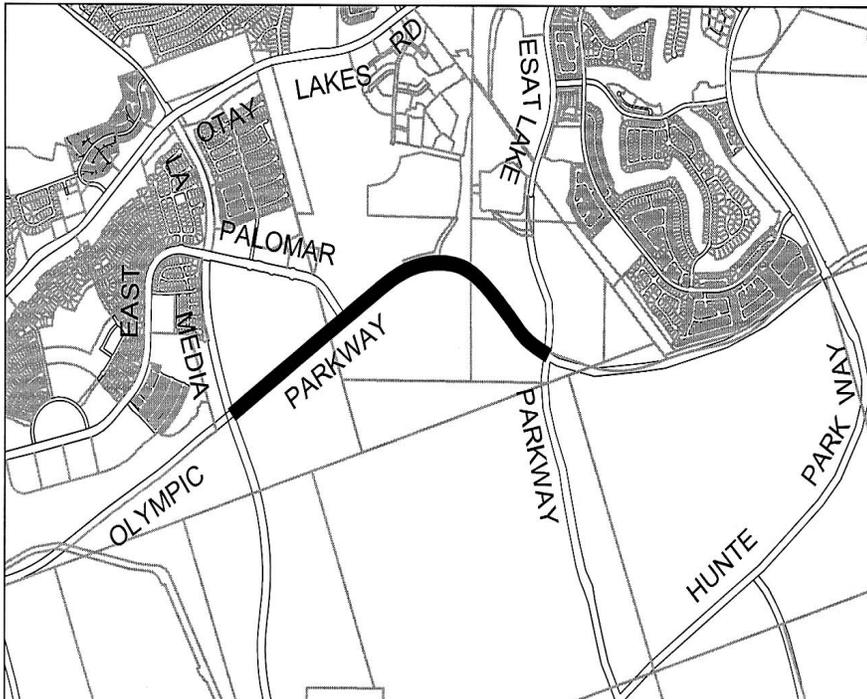
CIP Number: P2367

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/02	09/02
DESIGN:	10/02	05/03
CONSTRUCTION:	06/03	12/09

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
		\$1,700	\$3,300	\$3,400	\$3,500

PROJECT LOCATION: Thomas Bros. Map: 1311 **OWD Map Book:** 98



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2397

PROJECT TITLE:	PL - 12-Inch, 711 Zone, EastLake Parkway - Birch/Rock Mountain		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:		PRIORITY	1
RELATED CIP PROJECTS:	P2164, P2169	BUDGET AMOUNT:	\$175,000

DESCRIPTION OF PROJECT

Construction of approximately 1,000 feet of 12-inch pipeline within the 711 Pressure Zone in EastLake Parkway from Birch Road to Rock Mountain Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for development of Otay Ranch and other areas within the 711 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$175						\$175

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

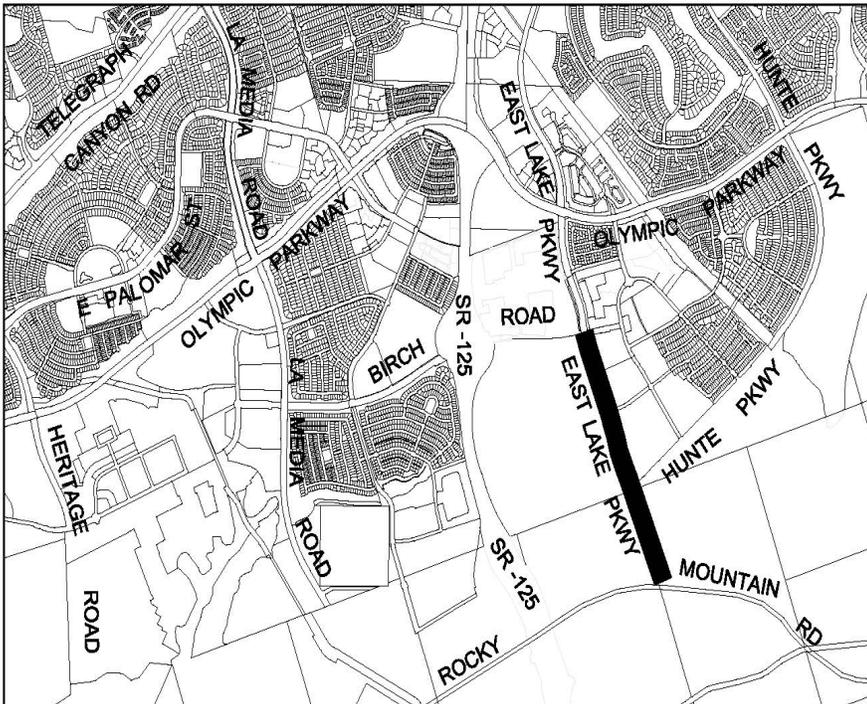
CIP Number: P2397

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/07	09/07
DESIGN:	10/07	12/07
CONSTRUCTION:	01/08	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$300	\$300	\$300	\$300	\$300

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 99



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2414

PROJECT TITLE:	PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy		
WORK ORDER NO:	Various	DIRECTOR DIVISION:	5
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	20
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	1
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$152,000

DESCRIPTION OF PROJECT
 Construction of approximately 7,200 feet of 16-inch pipeline within the 803 Pressure Zone in Dehesa Road from the existing pipeline to the District boundary. This project will provide service to the Dehesa Elementary School site; it is a school district project and is subject to reimbursement for the oversize portion at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project is required to provide water service to the property along Dehesa Road and possibly to properties east of the existing District jurisdictional boundary.

COMMENTS:
 See Work Order Nos. 9454 and 30087.

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$142	\$10						\$152

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

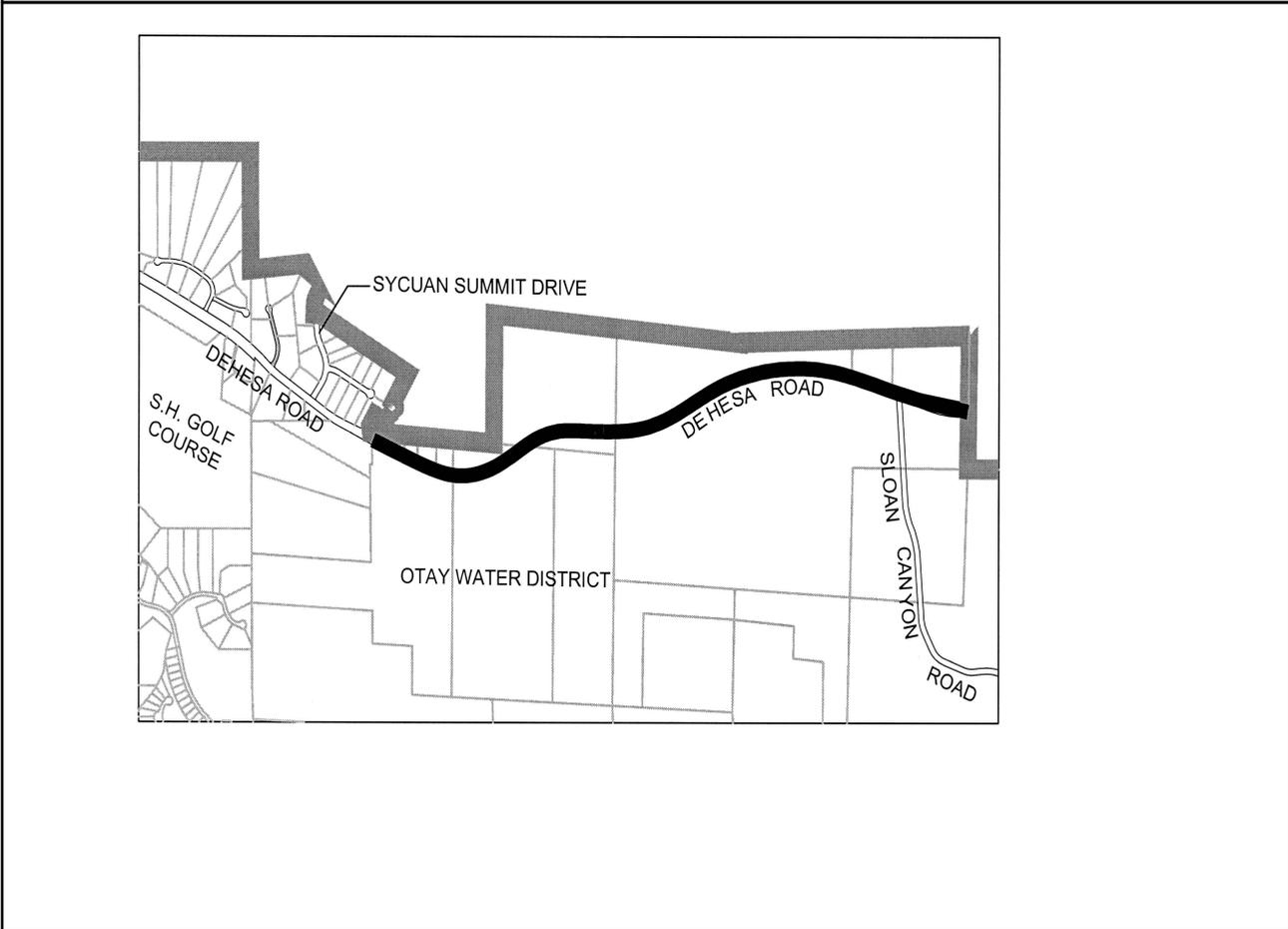
CIP Number: P2414

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	08/02	12/02
DESIGN:	01/03	07/03
CONSTRUCTION:	08/03	12/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$2,400	\$2,500	\$2,600	\$2,700	\$2,800	\$2,900

PROJECT LOCATION: **Thomas Bros. Map:** 1252 **OWD Map Book:** 380



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: P2435

PROJECT TITLE:	PL - 16-Inch, 711 Zone, Birch Road - La Media/SR-125		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	2
RELATED CIP PROJECTS:	P2104, P2134	BUDGET AMOUNT:	\$280,000

DESCRIPTION OF PROJECT
 Construction of approximately 4,200 feet of 16-inch pipeline within the 711 Pressure Zone in Birch Road between La Media Road and State Route 125. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 711 and higher pressure zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$250	\$30						\$280

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

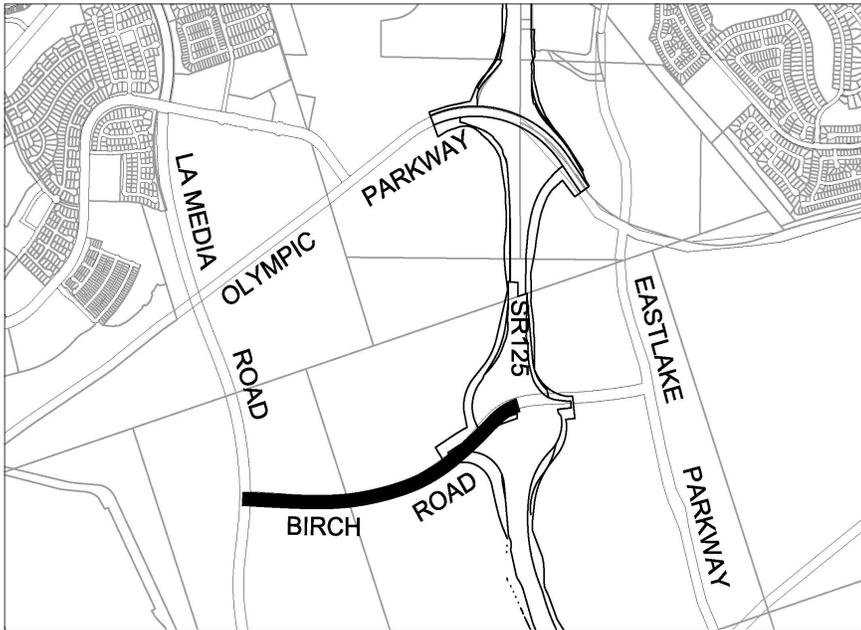
CIP Number: P2435

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	08/03
DESIGN:	09/03	11/05
CONSTRUCTION:	12/05	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 84



Submitted By: David Charles **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2031

PROJECT TITLE:	RecPL - 12-Inch, 944 Zone, EastLake Parkway - Olympic/Birch		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	2
RELATED CIP PROJECTS:	R2033	BUDGET AMOUNT:	\$125,000

DESCRIPTION OF PROJECT
 Construction of approximately 2,500 feet of 12-inch pipeline within the 944 Pressure Zone in EastLake Parkway from Olympic Parkway to Birch Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$124	\$1						\$125

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

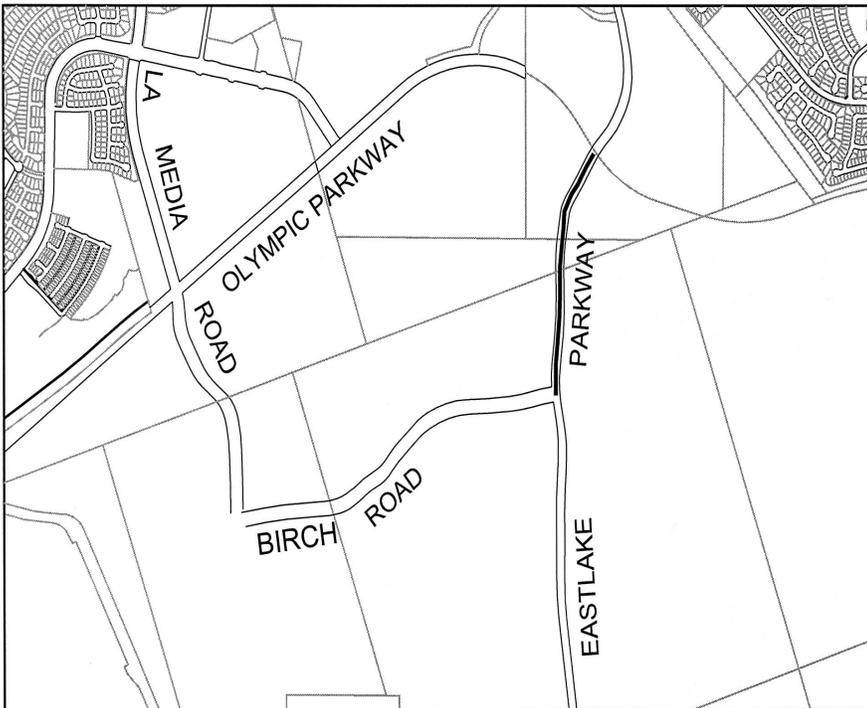
CIP Number: R2031

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/02	08/02
DESIGN:	09/02	06/04
CONSTRUCTION:	07/04	12/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$900	\$900	\$900	\$900	\$900	\$900

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 99



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2033

PROJECT TITLE:	RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/4/2003	PRIORITY	2
RELATED CIP PROJECTS:	R2031	BUDGET AMOUNT:	\$300,000

DESCRIPTION OF PROJECT
 Construction of approximately 6,300 feet of 12-inch pipeline within the 944 Pressure Zone in Birch Road from La Media Road to EastLake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$250	\$50						\$300

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

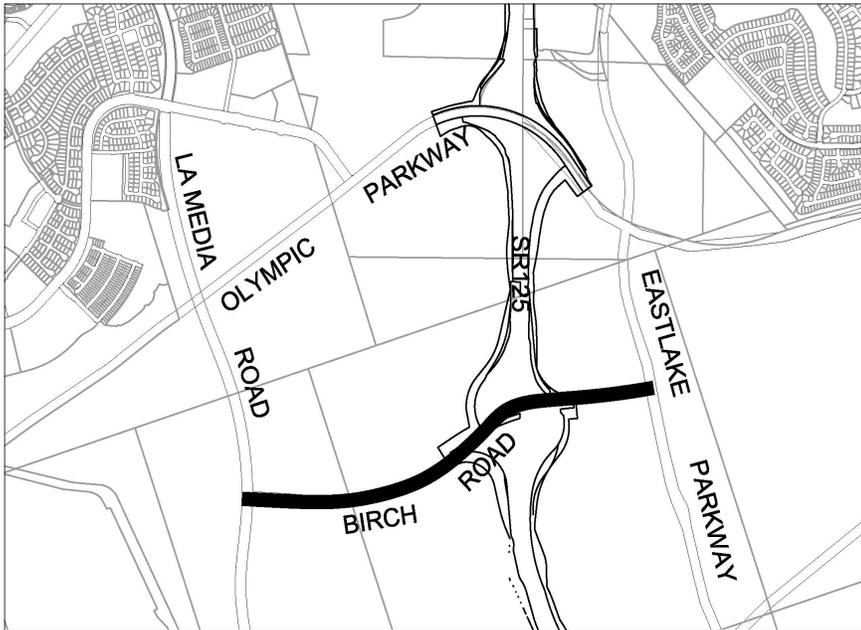
CIP Number: R2033

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/03	11/04
DESIGN:	12/04	05/05
CONSTRUCTION:	06/05	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$2,100	\$2,200	\$2,300	\$2,400	\$2,500

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 84



Submitted By: David Charles **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2040

PROJECT TITLE:	RecPL - 12-Inch, 680 Zone, Hunte Parkway - Olympic/EastLake		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	2
RELATED CIP PROJECTS:		BUDGET AMOUNT:	\$450,000

DESCRIPTION OF PROJECT
 Construction of approximately 8,600 feet of 12-inch pipeline within the 680 Pressure Zone in Hunte Parkway from Olympic Parkway to EastLake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Ranch and other areas within the 680 and 944 Pressure Zones.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$449	\$1						\$450

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

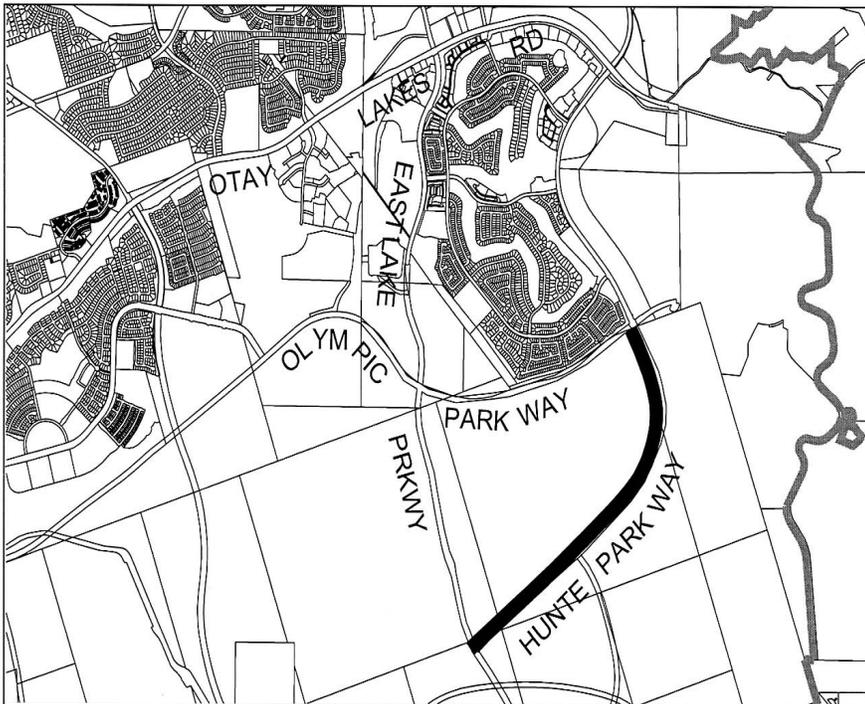
CIP Number: R2040

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/04	02/05
DESIGN:	03/05	04/06
CONSTRUCTION:	05/06	12/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$2,900	\$3,000	\$3,100	\$3,200	\$3,300	\$3,400

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 100



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2041

PROJECT TITLE:	RecPL - 8-Inch, 944 Zone, EastLake Parkway - Birch/Rock Mountain		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	2
RELATED CIP PROJECTS:	R2031, R2033, R2042, R2043	BUDGET AMOUNT:	\$125,000

DESCRIPTION OF PROJECT

Construction of approximately 4,200 feet of 8-inch pipeline within the 944 Pressure Zone in EastLake Parkway from Birch Road to Rock Mountain Road. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$124	\$1						\$125

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

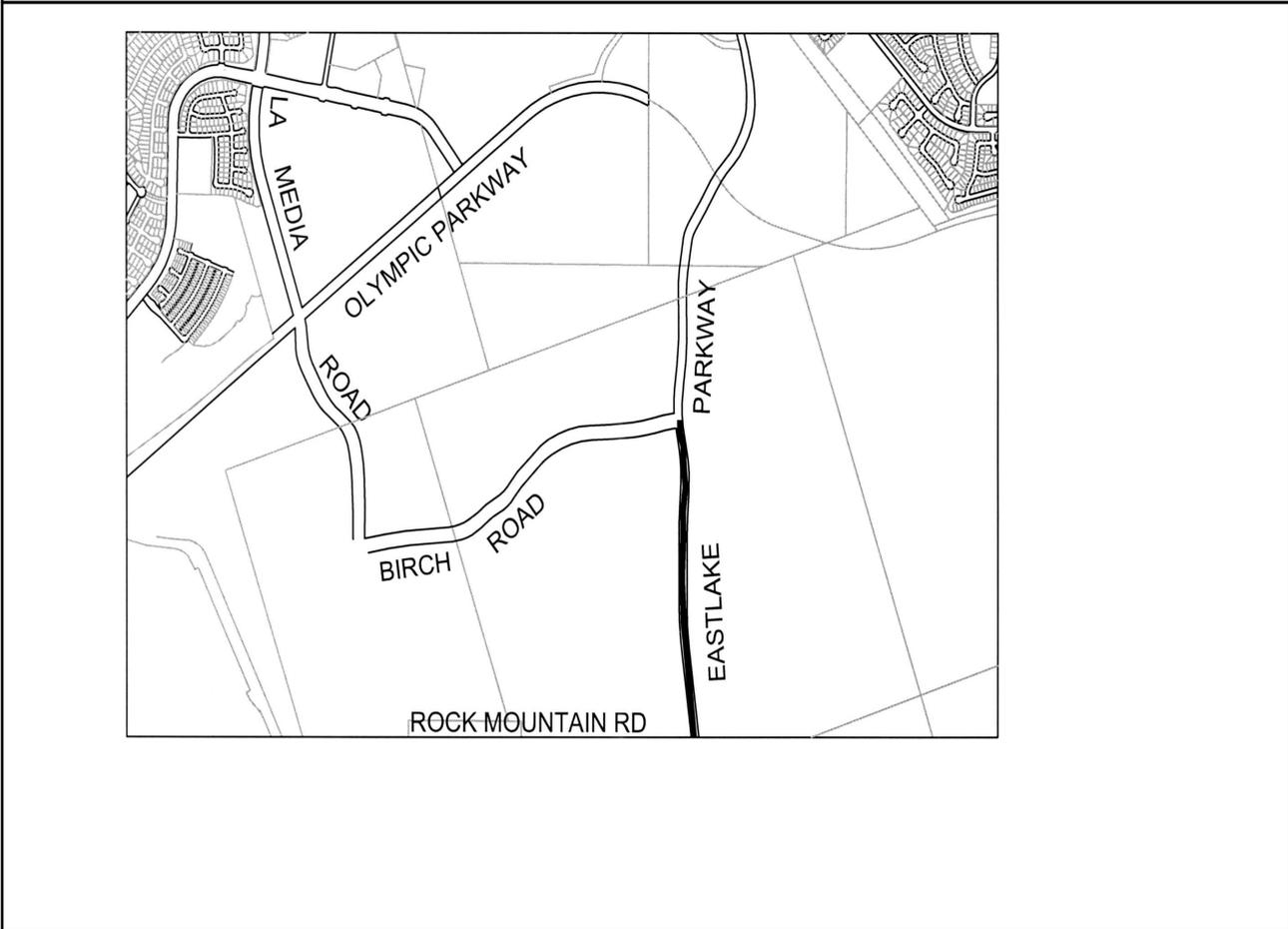
CIP Number: R2041

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	08/06
DESIGN:	09/06	10/06
CONSTRUCTION:	11/06	12/07

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 84



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2043

PROJECT TITLE:	RecPL - 8-Inch, 944 Zone, Rock Mountain Road - La Media/SR-125		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	3
RELATED CIP PROJECTS:	R2042	BUDGET AMOUNT:	\$235,000

DESCRIPTION OF PROJECT

Construction of approximately 3,600 feet of 8-inch pipeline within the 944 Pressure Zone in Rock Mountain Road from La Media Road to State Route 125. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
	\$235						\$235

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

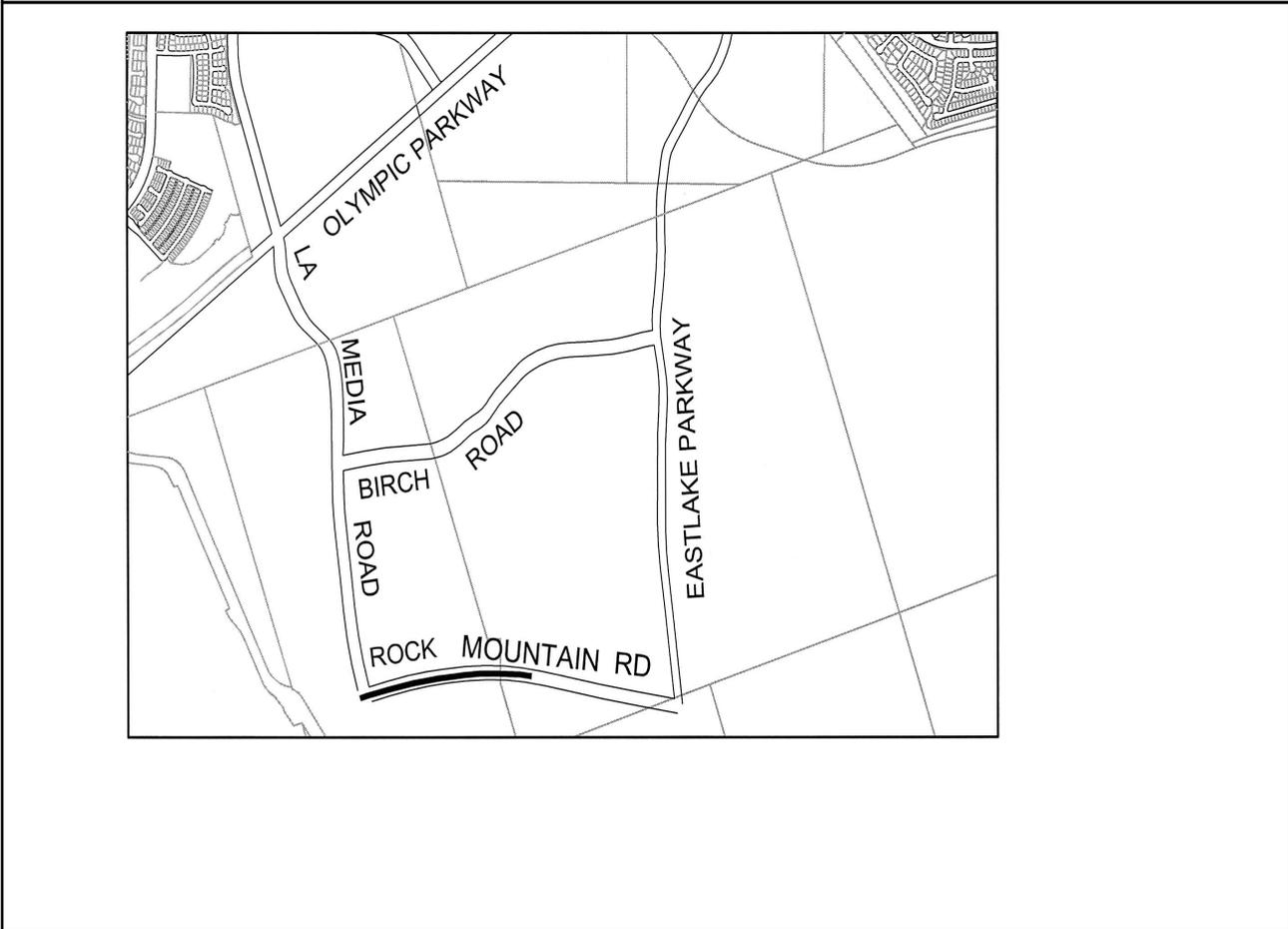
CIP Number: R2043

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/06	08/06
DESIGN:	09/06	10/06
CONSTRUCTION:	11/06	06/08

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 84



Submitted By: David Charles **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2058

PROJECT TITLE:	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta		
WORK ORDER NO:	30088	DIRECTOR DIVISION:	2
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	7
ORIGINAL APPROVED DATE:	6/16/1999	PRIORITY	2
RELATED CIP PROJECTS:	R2073, R2077	BUDGET AMOUNT:	\$2,000,000

DESCRIPTION OF PROJECT
 Construction of approximately 16,000 feet of 16-inch pipeline within the 860 Pressure Zone in Airway Road from Otay Mesa Road to Alta Road. Portions of this project will be constructed by developers, and these are subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
 This project will provide transmission capacity for development of Otay Mesa within the 860 Pressure Zone.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$320		\$300	\$300	\$300	\$300	\$480	\$2,000

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

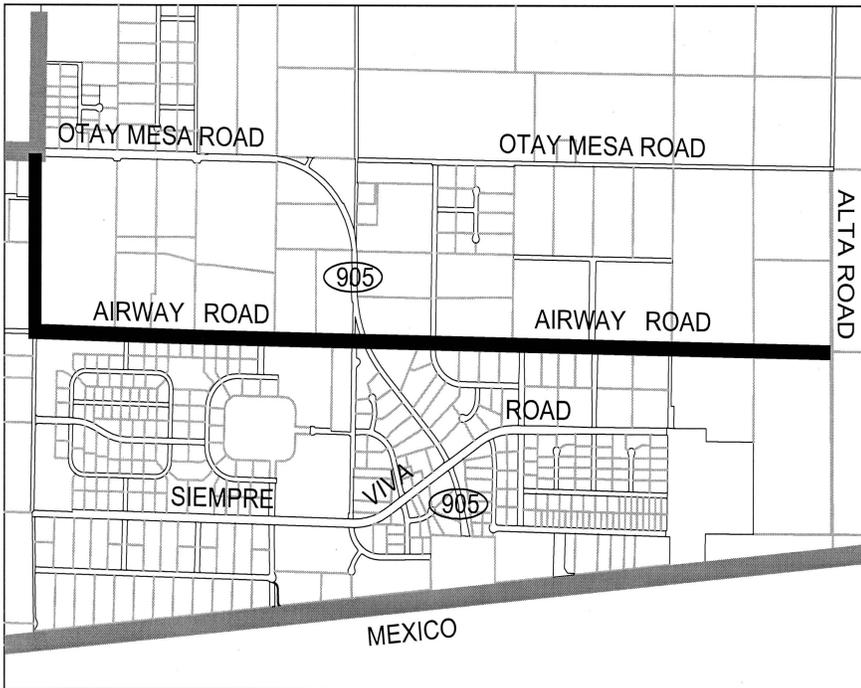
CIP Number: R2058

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/01	09/07
DESIGN:	10/07	06/09
CONSTRUCTION:	07/09	07/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$5,400

PROJECT LOCATION: **Thomas Bros. Map:** 1351 **OWD Map Book:** 12



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2082

PROJECT TITLE:	RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	3
RELATED CIP PROJECTS:	R2083	BUDGET AMOUNT:	\$1,747,000

DESCRIPTION OF PROJECT

Construction of approximately 9,000 feet of 24-inch pipeline within the 680 Pressure Zone in Olympic Parkway through Village 2 to Heritage Road. Portions of this project will be constructed by developers, and these are subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:

This project will provide transmission capacity for the recycled water supply pumped from the 680-1 Pump Station to the 680 and higher pressure zones. Significant energy savings will occur due to lower total dynamic head requirements for the 680-1 Pump Station.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1			\$500	\$500	\$500	\$246	\$1,747

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

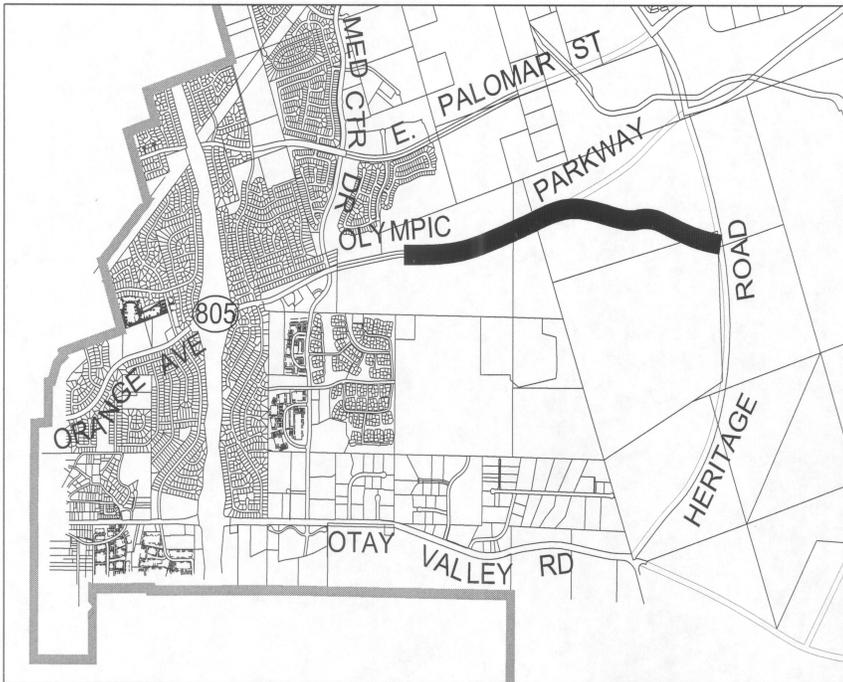
CIP Number: R2082

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/04	06/06
DESIGN:	07/06	12/06
CONSTRUCTION:	01/07	08/12

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013
					\$3,100

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 82



Submitted By: Ron Ripperger **Date:** 2/28/2007

**OTAY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM**

CIP Number: R2084

PROJECT TITLE:	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media		
WORK ORDER NO:	n/a	DIRECTOR DIVISION:	1
PROJECT MANAGER:	Ripperger	I.D. LOCATION:	22
ORIGINAL APPROVED DATE:	6/2/2004	PRIORITY	3
RELATED CIP PROJECTS:	R2083, R2085	BUDGET AMOUNT:	\$1,100,000

DESCRIPTION OF PROJECT
Construction of approximately 6,000 feet of 20-inch pipeline within the 680 Pressure Zone in Village 2 from Heritage Road to La Media Road. This project will be constructed by developers and is subject to reimbursement at actual cost per Board policy.

JUSTIFICATION OF PROJECT:
This project will provide transmission capacity for the recycled water supply pumped from the 680-1 Pump Station to the 680 and higher pressure zones. Significant energy savings will occur due to lower total dynamic head requirements for the 680-1 Pump Station.

COMMENTS:

FUND DETAIL:

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
General Fund	100%			100%
TOTAL	100%			100%

EXPENDITURE SCHEDULE (X \$1000):

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2008	2009	2010	2011	2012	2013	TOTAL
\$1						\$1,099	\$1,100

OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

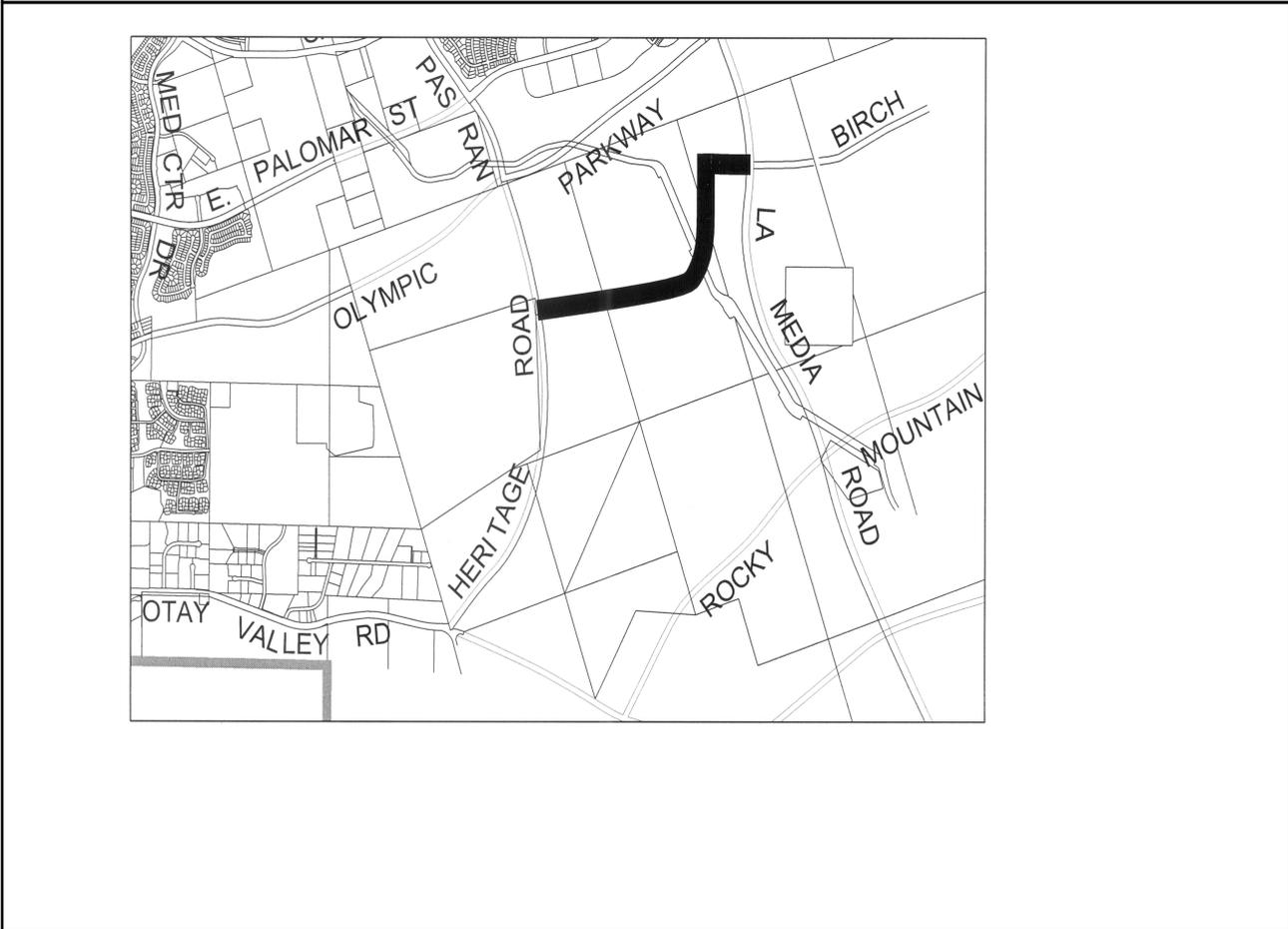
CIP Number: R2084

PROJECT SCHEDULE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PROJECT PHASE:		
PLANNING:	07/04	06/06
DESIGN:	07/06	12/06
CONSTRUCTION:	06/12	06/13

PROJECTED INCREMENTAL OPERATION EXPENDITURES SCHEDULE (\$):

FY	FY	FY	FY	FY	FY
2008	2009	2010	2011	2012	2013

PROJECT LOCATION: **Thomas Bros. Map:** 1331 **OWD Map Book:** 82



Submitted By: Ron Ripperger **Date:** 2/28/2007



Appendix

WATER METER CAPACITY FEES

Effective 7/1/07

NAME	IMPROVEMENT DISTRICT (ID)	CAPACITY FEE	ZONE CHARGE	TOTAL CHARGE
Rancho Jamul Estates Units 1 & 2	ID 9 WITH 1655 ZONE FEE	\$4,928	\$23,242	\$21,784
Capacity Fee Section 28.01	1,2,3,4,9,10, 19, 20,22,25,27	\$4,928	\$0	\$4,928
TRIAD CAPACITY FEE	ID 22/27-BASE	\$3,710	\$0	\$3,710

Note: This is based on a 3/4 inch water meter.

GLOSSARY

The Fiscal Budget contains terminology that is unique to public finance and budgeting. The following budget glossary provides assistance in understanding these terms.

Accrual Basis of Accounting: The basis of accounting under which transactions are recognized when they occur, regardless of the timing of cash receipts and disbursements.

Acre-Foot: The volume of water that will cover one acre to a depth of one foot. One acre-foot equals 435.6 units or 325,850 gallons.

Additional Systems Fees: Effective May 1, 1986, each customer receiving water service in the Improvement District 9 water service zone pays an additional monthly meter system charge of \$2.00 for each meter in service.

Annexation Fees: Whenever utility service is requested for land outside the boundaries of an improvement district, the land to be serviced must first be annexed. The annexation fee for water was set on May 30, 2006 at \$1,411 per EDU. The fee for sewer annexation was set at \$3,819 on December 16, 1998. These base rates are adjusted quarterly according to a cost of living index.

Assets: Resources owned or held by Otay Water District that have monetary value.

Availability Fees: The District levies charges each year in developed areas to be used for general purposes for construction of facilities, and in undeveloped areas to provide a source of funding for planning, mapping, and preliminary design of facilities to meet future development. Current legislation provides that any availability charge in excess of \$10.00 per acre shall be restricted only for the purpose of constructing facilities in the improvement district for which it was assessed.

Balanced Budget: A balanced financial plan, for a specified period of time that matches all planned revenues and expenditures with various services. The District uses a fiscal year beginning each July 1 and ending each June 30 for budgetary and financial reporting purposes.

Betterment Fees: In addition to other applicable water rates and charges, certain water customers pay a fee based on water service zone or improvement district. These are restricted for the use in the area where they are collected and may be used for the construction and maintenance of facilities.

Bond: A written promise to pay a sum of money on a specific date at a specified interest rate. The interest payments and the repayment of the principal are authorized in a District bond resolution. The most common types of bonds are general obligation (GO) bonds and Certificates of Participation (COPs). These are frequently used for construction of large capital projects such as buildings, reservoirs, pipelines and pump stations.

GLOSSARY

Budget Basis: The budget and accounting basis for the District is recognized on an accrual basis. Accrual basis means that revenues are recognized when earned and expenses are recognized when incurred.

Capacity Reservation Charge: A Metropolitan Water District charge passed on by the San Diego County Water Authority to individual agencies. This fee is paid based on the District's peak water demand.

Capital Budget: The portion of the annual budget that appropriates funds for the purchase of capital equipment items and capital improvements. These expenditures are separated from regular operating items, such as salaries, utilities and office supplies. The Capital Budget includes funds for capital equipment purchases over \$10,000, such as vehicles, furniture, machinery, microcomputers and special tools or \$20,000 for infrastructure related items, which are distinguished from operating items according to their value and projected useful life.

Capital Equipment: Fixed assets such as vehicles, marine equipment, computers, furniture, technical instruments, etc. which have a life expectancy of more than two years and a value over \$10,000 or \$20,000 for infrastructure related items.

Capital Improvement Program: A long-range plan of the District for the construction, rehabilitation and modernization of the District-owned and operated infrastructure.

Class of Service: All customers are classified based on the type of service used. For example, the water rate per unit is determined by a classification such as residential versus business.

CWA: The County Water Authority was organized in 1944 under the State County Water Authority Act for the primary purpose of importing Colorado River water to augment the local water supplies of the Authority's member agencies. The Authority purchases water from the Metropolitan Water District of Southern California (MWD) which imports water from the Colorado River and the State Water Project.

Deannexation Fees: Each request for detachment of land from an improvement district is reviewed on a case-by-case basis. The fees are determined based on the present value of future debt service requirements.

Debt Service: The District's obligation to pay the principal and interest of bonds and other debt instruments according to a predetermined payment schedule.

GLOSSARY

Energy Fees: Water customers are charged an energy pumping charge based on the quantity of water used and the elevation to which the water has been lifted to provide service. The energy pumping charge is the rate of \$.032 per 100 cubic feet of water for each 100 feet of lift above the base elevation of 450 feet. All water customers are in one of 29 zones based on elevation.

Expenditures/Expenses: These terms refer to the outflow of funds paid or to be paid for an asset, goods or services obtained regardless of when actually paid for. (Note: An encumbrance is not an expenditure). An encumbrance reserves funds to be expended in a future period.

Fire Service: Water service is provided by the District solely for use in fire hydrants or fire sprinkler systems from lines or laterals connected to the District's water mains. The monthly system charge is \$23.30 per month for each connection for fire protection service.

Fiscal Year: Twelve-month term designating the beginning and ending period for recording financial transactions. The District has specified July 1 to June 30 as its fiscal year.

Fund Balance: The current funds on hand resulting from the historical collection and use of monies. The difference between assets and liabilities reported in the District's Operating Fund plus residual equities or balances and changes therein, from the result of operations.

General Fund: The District's general fund is an enterprise fund comprised of the District's three business lines Potable, Recycled and Sewer services. Each is an accounting entity with a self-balancing set of accounts established to record the financial position and results that pertain to a specific activity. The activities of enterprise funds closely resemble those of ongoing businesses in which the purpose is to conserve and add to basic resources while meeting operating expenses from current revenues. Enterprise funds account for operations that provide services on a continuous basis and are substantially financed by revenues derived from user charges.

Grants: Contributions or gifts of cash or other assets from another governmental agency to be used or expended for a specified purpose, activity, or facility. Capital grants are restricted by the grantor for the acquisition and/or construction of fixed assets. Operating grants are restricted by the grantor for operating purposes or may be used for either capital or operating purposes at the discretion of the grantee.

Infrastructure Access Charge (IAC): A pass-through charge from CWA to each member agency. The charge is to finance a portion of CWA's fixed annual costs including the construction, operation and maintenance of aqueducts and emergency storage projects. The fee was adopted in January of 1999.

GLOSSARY

Interest Income: Earnings from the investment portfolio. Per District Policy Number 25, interest income will be allocated to improvement districts each month based upon each fund's prior month-ending balance.

Irrigation Penalties: Potable water service provided solely for irrigation of landscaping will receive a seasonably-adjusted allotment of water equal to 48" per year for the actual area to be irrigated. Use of water in excess of the allotment shall be subject to penalty pricing. The first violation is no surcharge. The second violation is 100% surcharge on excess water used. The third violation is 400% surcharge. The fourth and subsequent violations are 800% surcharge.

Late Charges/Penalties: Charges and penalties are imposed on delinquent accounts. A late payment charge of 5% of the total delinquent amount is added to the account. Other miscellaneous late fees and penalties are detailed in the District's Code of Ordinances.

Meter and Lateral Fees: Charge includes the material costs for the meter, meter box, and the labor cost for installation to connect a new service to the distribution system.

Metropolitan Water District (MWD) Standby Charges: Revenue generated from property taxes by MWD to cover the Readiness-to-Serve (RTS) Charge for the new debt service for construction projects necessary to meet reliability and quality needs. The RTS Charge was adopted in 1996.

Multiple Unit Charges: In addition to the system fee, a monthly charge is made for service provided through one meter to more than one occupant in a building. The rate is \$3.21 (\$3.53 effective 1/1/07) per month for each unit in a multiple unit residential, commercial or industrial building.

1% General Tax: In 1978, Proposition 13 limited general levy property tax rates for all taxing authorities to a total rate of 1% of full cash value. Subsequent legislation, AB8, established that the receipts from the 1% levy were to be distributed to taxing agencies according to approximately the same proportions received prior to Proposition 13. Funds received are to be used for facilities construction or debt service on bonds sold to build facilities.

Operating Budget: The portion of the budget that pertains to daily operations that provide basic governmental services. The operating budget contains appropriations for such expenditures as personnel, supplies, utilities, materials, travel and fuel, and does not include purchases of major capital plant or equipment which is budgeted for separately in the Capital Budget.

GLOSSARY

Other Income: Revenues that are not directly related to the business of providing water and sewer services. For example, contract billing service for the City of Chula Vista and the City of San Diego to bill their sewer customers based on water consumption.

Property Rental Income: Rent or lease agreements for the use of District property.

Reclaimed Water Rates: Non-potable water service provided from water produced by the District's reclamation plant and other non-potable sources. Reclaimed water is not used for domestic purposes and all other uses must comply with federal, state and local laws and regulations regarding the use of reclaimed water.

Reserve Fund: The District maintains Reserve Funds per the District's policy for both designated and restricted balances. Designated Reserve Funds are "general use" funds designated by the Board. Restricted reserves are those that are legally set aside for a particular purpose and cannot be used for any other purpose.

Residential Conservation: The water rates for residential customers are based on an accelerated block structure; as more units are consumed, a higher unit rate is charged. The District has established a water conservation program to promote water conservation and planning.

Revenue: Monies that the District receives as income. It includes such items as water sales and sewer fees. Estimated revenues are those expected to be collected during the fiscal year.

RTS: Readiness-to-Serve Charge was adopted by the Metropolitan Water District (MWD) in Fiscal 1996. The charge will serve as a foundation of fixed revenue for MWD. It will cover the new debt service for construction projects necessary to meet reliability and quality needs of current water-users as opposed to new customers.

Sale of Fixed Assets: District equipment, which has been determined by the Board to be of no use, obsolete and/or beyond the useful life and therefore, may be sold.

Set-up Fees for Accounts: A charge of \$10 is added for each account transferred to another customer.

System Fees: Each water service customer pays a monthly system charge for water system replacement, maintenance and operation expenses. The charge is based on the size of the meter and class of service.

GLOSSARY

Taxes: California Water Code Section 72091 authorizes the District, as a municipal water district, to levy ad valorem property taxes which are equal to the amount required to make annual payments for principal and interest on general obligation bonds approved by the voters prior to July 1, 1978.

Temporary Water Charge: The rate for temporary water service is two times the rate for permanent service. The additional charge is to offset the cost of construction of facilities for larger capacity.

Tier 2 Charge: A Metropolitan Water District charge passed on by the San Diego County Water Authority to individual agencies. This is an added charge on all water sales by CWA in excess of the District's 90% baseline water usage.

Usage Surcharge: In addition to the water rates, a surcharge is paid by each customer when the number of units of water furnished in any month exceeds the monthly usage allowance for the size of meter being used.

Water Capacity Fees: Charges paid by customers to connect to a District water system for potable or reclaimed water service. Fees are determined by multiplying the demand factor for the meter size by the total of the District-wide capacity fee and applicable zone charge.

Water Rates: Rates vary among classes of service and are measured in units. The water rates for residential customers are based on an accelerated block structure. As more units are consumed, a higher unit rate is charged. All non-residential customers are charged a flat rate per unit. A unit of water is 100 cubic feet or 748 gallons of water.

LIST OF ACRONYMS

AF	Acre-Foot/Feet
AMR	Automated Meter Reader/Reading
APCD	Air Pollution Control District
ASCE	American Society of Civil Engineers
ASU	Assigned Service Unit
AWWA	American Water Works Association
BIT	Bi-annual Inspection Terminals
BMP	Best Management Practices
BOD	Biological Oxygen Demand
BRP	Business Resumption Plan
CADD	Computer Aided Design & Drafting
CARB	California Air Resources Board
CAFR	Comprehensive Annual Financial Report
CCV	City of Chula Vista
CEQA	California Environmental Quality Act
CFS	Cubic Foot per Second
CHP	California Highway Patrol
CIP	Capital Improvement Program
CIS	Customer Information System
CIT	Collaborative Improvement Teams
CMOM	Capacity, Management, Operations & Maintenance
CMTA	California Municipal Treasurers Association
COD	Chemical Oxygen Demand
COPs	Certificates of Participation
CRC	Capacity Reservation Charge
CSC	Customer Service Charge
CSD	City of San Diego
CSMFO	California Society of Municipal Finance Officers
CWA	County Water Authority (San Diego)
DBMS	Database Management System
DBP	Disinfectant By-Products
DEH	Department of Environmental Health
DHS	Department of Health Services
DVP	Delivery-versus-Payment
EDU	Equivalent Dwelling Unit
EIR	Environmental Impact Review
EOC	Equal Opportunity Commission
ESC	Emergency Storage Charge
FCF	Flow Control Facility

LIST OF ACRONYMS

FHLMC	Freddie Mac or Federal Home Loan Mortgage Corporation
FNMA	Fannie Mae or Federal National Mortgage Association
FTE	Full-time Equivalent
FY	Fiscal Year
GASB	Government Accounting Standards Board
GFOA	Government Financial Officers Association
GIS	Geographic Information System
GO	General Obligation (bonds)
GPM	Gallons per Minute
GPS	Global Positioning System
HCF	Hundred Cubic Foot
HMA	Habitat Management Area
HR	Human Resources
HRIS	Human Resources Information System
IAC	Infrastructure Access Charge
ID	Improvement District
IID	Imperial Irrigation District
IIPP	Injury and Illness Prevention Program
IMS	Infrastructure Management System
IRP	Integrated Water Resources Plan
IRS	Internal Revenue Service
IT	Information Technology
IVR	Interactive Voice Response
LAFCO	Local Area Formation Commission
LAIF	Local Agency Investment Fund
LMSE	La Mesa Sweetwater Extension
LOPS	Lower Otay Pump Station
MBR	Membrane Bioreactor
MG	Million Gallons
MGD	Million Gallons per Day
MGP	Million Gallons per
MH	Man-hours
MOU	Memorandum of Understanding
MSCP	Multiple Species Conservation Program
MSRB	Municipal Securities Rulemaking Board
MWD	Metropolitan Water District
MWWD	Metropolitan Waste Water Department (City of San Diego)
NCCP	Natural Community Conservation Plan
NEPA	National Environmental Protection Act

LIST OF ACRONYMS

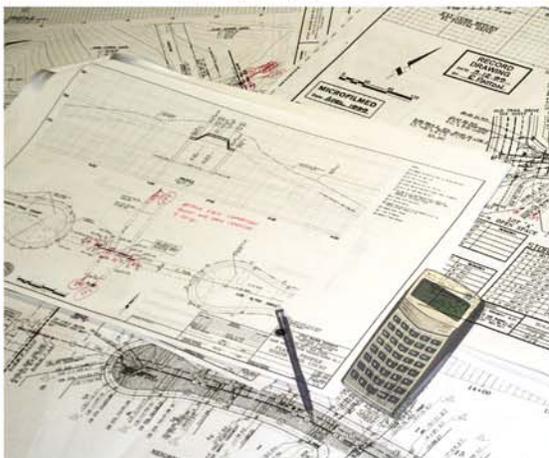
NIMS	National Incident Management System
NOC	Notice of Completion
NOSC	Notice of Substantial Completion
NPDES	National Pollution Discharge Elimination System
O&M or O/M	Operations and Maintenance
OIS	Otay Information System
OWD	Otay Water District
PB	Pacific Bay
PDR	Preliminary Design Report
PEIR	Program Environmental Impact Report
PERS	Public Employees' Retirement System
PL	Pipeline
POU	Principles of Understanding
PRS	Pressure Reducing Station
PS	Pump Station
PT	Part-time
RFID	Radio Frequency Identification
RFP	Request for Proposal
RSD	Rancho San Diego
RTS	Readiness-to-Serve
R/W	Right-of-Way
RWCWRF	Ralph W. Chapman Water Recycling Facility
SAMP	Sub-Area Master Plan
SANDAG	San Diego Association of Governments
SCADA	Supervisory Control and Data Acquisition
SBWRP	South Bay Water Reclamation Plant
SDRMA	San Diego Risk Management Association
SEC	Securities and Exchange Commission
SHRM	Society of Human Resources Management
SLMA	Sallie Mae or Student Loan Marketing Association
SPSD	Spring Valley Sanitation District
SS	Suspended Solids
SSMP	Sewer System Management Plan
SWA	Sweetwater Authority
SWRCB	State Water Resource Control Board
USBR	U.S. Bureau of Reclamation
UWMP	Urban Water Management Plan
WADG	Water Agency Design Guideline
WD	Water District

LIST OF ACRONYMS

WER	Work Environment Review
WRMP	Water Resources Master Plan
WTP	Water Treatment Plant

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