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JUL 28 1997

EXECUTIVE SUMMARY

Winter Island Alternative Bank Protection
Habitat Enhancement Project

Applicant
Reclamation District No. 2122

Project Description & Primary Biological/Ecological Objectives:

The proposed project will determine the relative effectiveness of four types of bank stabilization methods to provide habitat for fish and wildlife. The project will also provide an opportunity to investigate levee stability using different materials and construction methods. Habitat enhancement of the waterside slope of the levee will including planting of willows and trees to create Shaded Riverine Aquatic (SRA) habitat.

The site chosen for the project is on Winter Island located on the west side along Middle Slough (see Figure 1 & Figure 2). This area is subject to tidal action and wind fetch waves. In March of 1995 this area experienced an overtopping breach. The repair consisted of dredge material to fill the levee breach. Most of the waterside vegetation in the breach area was washed away. The project will reestablish the lost vegetation and create new SRA habitat.

The levee material is predominantly composed of mucks and peat. However, dredged spoils are available on-island. These spoils consist of silty sands deposited by the Corps of Engineers channel maintenance projects. The project will test four types of bank protection and levee stability methods. Each type will be placed side-by-side to subject each protection type to identical conditions.

The levee and interior wetlands of Winter Island are the last remnants of the Delta's native habitats and have been identified as habitat for many rare and endangered plants, fish, insects, amphibians, and birds. The benefits of the proposed project would be the protection and enhancement of these leveed, tidal habitat areas for wildlife and fisheries. The benefits will also include creation of new SRA and tidal perennial fresh water aquatic habitat.

Winter Island is within the critical habitat for the Sacramento winter-run chinook salmon (Oncorhyncus tshawytscha), a Federally listed endangered species, and the delta smelt (Hypomesus transpacificus), a Federal listed endangered species. The creation of SRA will benefit these fish species and migratory birds.

The project will address 1) flood plain and marsh plain changes, and 2) channel form changes, ecosystem stressor categories.

Approach/Tasks/Schedule:

The project approach will be to carry out multi-phases in a clear step-by-step manner to provide public comment, address community concerns and meet CALFED objectives. The phasing will consist of Planning and Design, and Construction. The tasks for each Phase and schedule is presented below:

Phase I	- Pre-evaluations project design	Nov. 1997
	- Environmental review & permitting	Dec. 1997 through Mar. 1998
Phase II	- Preparation of final plans	Feb. 1998 through Mar. 1998
	- Bidding	Mar. 1998
	- Construction	Apr. 1998 through June 1998
	- Monitoring and evaluation	June 1998 through June 2001

Justification:

Unlike other reclamation districts, Winter Island's levees are primarily comprised of peaty soils and silty sands that protect interior wetlands. The levee material is similar to the channel islands of the Delta. As a result, the proposed demonstration project would provide valuable data regarding protection and creation of channel islands. This information would be of great value to the CALFED process.

Budget Costs:

The estimated budget costs for each phase are as follows:

Phase I	(planning and design)	—	$ 76,000
Phase II	(construction)	—	$ 285,000
	TOTAL PROJECT COST	—	$ 361,000

Third Party Impacts:

There are no anticipated third party impacts associated with this project.

Applicant Qualifications:

Reclamation District No. 2122 (District) is the public agency responsible for maintenance and rehabilitation of the levees within its jurisdiction. The District has been a participant in the Subventions Program (SB 34) and as such is well acquainted with the CEQA processes, bidding laws, contracting for levee work, and in general flooding issues in the North Delta. Murray, Burns and Kienlen (MBK) has been the District Engineer for well over a decade and has guided the District's Board of Trustees in the above activities.

Monitoring & Data Evaluation:

The project will be monitored for success of both physical and biological improvements to the ecosystem. Physical changes will be documented by completing an as-built survey of the new channel and levee, and evaluating how well the final configuration matches the initial design. Biological monitoring will include documentation of botanical, wildlife, and fisheries resources before and after project construction.

Local Support/Coordination With Other Programs/Compatibility with CALFED

The design of the projects will incorporate advice from key State and federal resource management agencies. The project design will minimize adverse impacts to the land and water habitats, and respect key habitats of rare and endangered species in the Delta area. In addition, the project will need permits or approvals from the Corps of Engineers (404 & Section 10 River & Harbors Act), the Department of Fish and Game (approval through AB 360), and the Central Valley Regional Water Quality Control Board (water quality certification). It is anticipated that funding may also be obtained from the Department of Water Resources Delta Levee Subventions Program and the Delta Levee Special Projects Program.

Winter Island Alternative Bank Protection
Habitat Enhancement Project

Applicant

Reclamation District No. 2122
Winter Island
% Mr. Bob Pacini
5115 Clayton Road, #A
Concord, California 94521-3101
Phone: (510) 689-7474 • FAX: (510) 686-1590

Applicant Type: Public Agency
ID # 94-1135191

Technical and Financial Contact

Gilbert Cosio, Jr.
Murray, Burns and Kienlen
1616 - 29th Street, Suite 300
Sacramento, California 95816
Phone: (916) 456-4400 • FAX: (916) 456-0253

Participants/Collaborators in implementation

California Department of Water Resources
Reclamation District No. 2122

RFP Project Group Types

• Construction Project •

I. PROJECT DESCRIPTION:

The proposed project will determine the relative effectiveness of four types of bank stabilization methods to provide habitat for fish and wildlife. The project will also provide an opportunity to investigate levee stability using different materials and construction methods. Habitat enhancement of the waterside slope of the levee will including planting of willows and trees to create Shaded Riverine Aquatic (SRA) habitat.

The site chosen for the project is on Winter Island located on the west side along Middle Slough (see Figure 1 & Figure 2). This area is subject to tidal action and wind fetch waves. In March of 1995 this area experienced an overtopping breach. The repair consisted of dredge material to fill the levee breach. Most of the waterside vegetation in the breach area was washed away. The project will reestablish the lost vegetation and create new SRA habitat.

The levee material is predominantly composed of mucks and peat. However, dredged spoils are available on-island. These spoils consist of silty sands deposited by the Corps of Engineers channel maintenance projects. The project will test four types of bank protection and levee stability methods. Each type will be placed side-by-side to subject each protection type to identical conditions.

The types of alternative bank protection will consist of the following:

1) **Riprap** — This alternative will provide a baseline for comparison with the other alternatives. It is the traditional bank protection used in the Delta. Embankment materials will be used to construct the cross section shown on Figure 3. On the waterside of the levee, rock riprap will be placed as bank protection.

2) **Biologs** — This alternative consists of placing Biologs on the waterside slope starting at mean low water and extending to approximately elevation 7 ft. NGVD. Prior to installation, the levee will be required to conform to the cross section on Figure 4. Biologs are made of coconut fiber which typically last 4 to 10 years. The material will allow for the establishment of trees, shrubs, and grasses.

3) **Erosion Control Matting** — This type of bank protection consists of a mat of very open construction, leaving 90% of its volume to be filled with embankment fill. The matting will provide stabilization of the levee slope while allowing vegetation to grow. Figure 5 is a cross section of the planned construction.

4) **Vegetation Control** — This alternative will consist of grading the waterside slope in a terraced configuration to promote growth of native vegetation which will protect the levee slope (see Figure 6). The low portion of the slope will be revetted from the low water levee to the top of the vegetation terrace. A coconut mat will be used to protect soil and provide early growth of vegetation.

The proposed project includes construction, monitoring and evaluation of a variety of "soft" construction techniques on the shoreline to contrast "hard" techniques that are traditionally used for bank protection. Monitoring and evaluation will follow construction. The final product will be a report describing and evaluating the various techniques, their costs, effectiveness and suitability in differing situations.

PROJECT LOCATION:

The project is located at the downstream confluence of the Sacramento and San Joaquin Rivers in the West Delta (see Figures 1 & 2) Contra Costa County. It is in an area prone to flooding problems because of its location at the discharge point of the Sacramento-San Joaquin Delta. It is proposed that each alternative will be installed using on-island materials.

EXPECTED BENEFITS:

The levee and interior wetlands of Winter Island are the last remnants of the Delta's native habitats and have been identified as habitat for many rare and endangered plants, fish, insects, amphibians, and birds. The benefits of the proposed project would be the protection and enhancement of these leveed, tidal habitat areas for wildlife and fisheries. The benefits will also include creation of new SRA and tidal perennial fresh water aquatic habitat.

Winter Island is within the critical habitat for the Sacramento winter-run chinook salmon (Oncorhyncus tshawytscha), a Federally listed endangered species, and the delta smelt (Hypomesus transpacificus), a Federal listed endangered species. The creation of SRA will benefit these fish species and migratory birds.

The project will address 1) flood plain and marsh plain changes, and 2) channel form changes, ecosystem stressor categories.

BACKGROUND & JUSTIFICATION:

A series of riprap ("hard" material) projects were completed in 1994 and 1995 around Staten Island. Afterwards, regulatory agencies raised concerns about over-use of riprap in habitat protection and restoration projects. To promote better understanding of suitability and

usefulness of various alternative "soft" materials and construction techniques is one of the goals of this project.

Unlike other reclamation districts, Winter Island's levees are primarily comprised of peaty soils and silty sands that protect interior wetlands. The levee material is similar to the channel islands of the Delta. As a result, the proposed demonstration project would provide valuable data regarding protection and creation of channel islands. This information would be of great value to the CALFED process.

PROPOSED SCOPE OF WORK:

The project entails several phases and related tasks:

Phase I – Planning and Design

- pre-evaluation of project and design — This phase of the project has been completed.

- environmental review and permitting — Winter Island completed an environmental review and assessment of the entire levee in June 1996, which will be used for environmental compliance of this project.

Phase II – Construction of Project

- preparation of final plans and specs

- bidding

- construction and administration of project

- monitoring and evaluation — This includes preparation of a monitoring plan and evaluation criteria, annual monitoring and evaluation of bank protection sites for three (3) years.

The pre-evaluation consists of a full assessment of the "before" conditions on the project, including inventory of flora and fauna, elevation of the islands and surrounding underwater lands, soils and other data.

The project design will minimize adverse impacts to the land and water habitats, and respect key habitats of rare and endangered species in the Delta area. The project includes construction on the waterside of the levee and will require appropriate environmental analysis.

Construction will entail grading or shaping of bank areas and placement of erosion control materials.

Monitoring of the project sites will continue for three years, which will include one high water season and one low water season. Monitoring will include: evaluation of flora, fauna, sedimentation, erosion, sustainability of the erosion control material, etc.

MONITORING AND DATA EVALUATION:

The sites will be planted with willow waddles and trees to create SRA. Natural seed and plant sources will be utilized to encourage vegetation growth on the waterside slope. Photomonitoring stations will be established to follow changes in habitat development over a three-year monitoring period and to document the vegetative species present. Photographic stations will be set up and photos will be taken annually each spring. In addition, the densities of target species (cattail and California bulrush, SRA) will be determined to insure desired goals are met. Random samples will be taken throughout the area using a 3.3 ft by 3.3 ft (1 meter by 1 meter) sampling frame. The distance between target species will be measured to determine densities. An annual report will be prepared each year, for a three-year period.

IMPLEMENTATION:

Implementation will require working with regulatory agencies to minimize project impacts. The environmental impacts of the project should be minimal.

II. COSTS & SCHEDULE:

Itemized below are the costs for each project Phase and related tasks. It is anticipated that funding may also be obtained from the Department of Water Resources Delta Levee Special Projects Program.

Phase I — Planning and Design							
Task	Direct Labor Hours	Direct Salary & Benefits	Over-head Labor	Service Contracts	Material & Acquisi-tion Contracts	Miscella-neous & other District Costs	Total Cost
Pre-evaluation of project & design[1/]	—	—	—	—	—	—	—
Environmental review & permitting	—	—	—	30,000	—	3,000	33,000
Monitoring & evaluation	—	—	—	40,000	—	3,000	43,000
						Total Phase I Cost	$ 76,000

[1/] Completed.

Phase II — Construction of Project							
Task	Direct Labor Hours	Direct Salary & Benefits	Over-head Labor	Service Contracts	Material & Acquisi-tion Contracts	Miscella-neous & other District Costs	Total Cost
Preparation of final plans and specs	—	—	—	7,000	—	—	6,000
Bidding & Administration of project	—	—	—	4,000	—	—	4,000
Construction (including planting and inspection)	—	—	—	250,000	—	25,000	275,000
						Total Phase II Cost	$285,000

SCHEDULE OF MILESTONES

The District plans to begin construction in April 1998 adopting the following schedule:

Preevaluation project design	—	Nov. 1997
Environmental reveiw and permitting	—	Dec. 1997 through Mar. 1998
Development of final contract plans and specifications	—	Feb. 1998 - March 1998
Bidding	—	March 1998
Construction	—	Apr. 1998 through June 1998
Post-project monitoring and evauation	—	June 1998 through June 2001

THIRD PARTY IMPACTS:

There are no third party impacts associated with this project.

III. APPLICANT QUALIFICATIONS:

Reclamation District No. 2122 (District) is the public agency responsible for maintenance and rehabilitation of the levees within its jurisdiction. The District has been a participant in the Subventions Program (SB 34) and as such is well acquainted with the CEQA processes, bidding laws, contracting for levee work and in general flooding issues in the North Delta. Murray, Burns and Kienlen (MBK) has been the District Engineer for well over a decade and has guided the District's Board of Trustees in the above activities.

MBK is a consulting civil engineering firm providing services in the general areas of flood control, water supply planning and water rights. As a subset of our flood control clientele, MBK provides engineering services to Delta reclamation districts. MBK personnel involved with Delta reclamation district engineering have extensive experience in water resources engineering and planning. MBK personnel have been, and continue to be, extremely involved in shaping the future of the Delta by sitting on numerous boards and advisory committees regarding such areas as environmental and regulatory issues, funding, engineering and land use.

MBK acts as a consultant for twenty (20) other reclamation districts in the Sacramento-San Joaquin Delta. MBK is also a prime engineering consultant to the Sacramento Area Flood Control Agency (SAFCA) and has been involved as a consultant for many organizations concerned with water conveyance in the Central Valley.

Mr. Gilbert Cosio is principal partner of Murray, Burns and Kienlen who will be responsible for engineering and management of the project. Mr. Cosio would be responsible to coordinate all activities in regard to engineering and environmental services performed for Reclamation District No. 2110. Mr. Cosio has 17 years of experience in flood control, hydrology, hydraulics, water resource planning, drainage water supply, surveying and levee maintenance. Mr. Cosio is currently Principal in charge of all Delta levee reclamation district work for MBK. Mr. Cosio coordinates levee inspections, levee maintenance and rehabilitation projects, competitive bid plans and specification preparation and contract administration for Delta reclamation districts. He also oversees maintenance planning, funding application and claims, regulatory coordination, environmental assessments, CEQA documentation and reports and presentations to respective reclamation district boards of trustees. Mr. Cosio's Delta work has also led to testimony at public hearings, Reclamation Board hearings and workshops, and State Water Resources Control Board hearings. Mr. Cosio has coordinated levee work and claims with County, State and Federal agencies in charge of disaster assistance. Mr. Cosio is a member of the Delta Coalition, which is a committee involved with developing Legislation

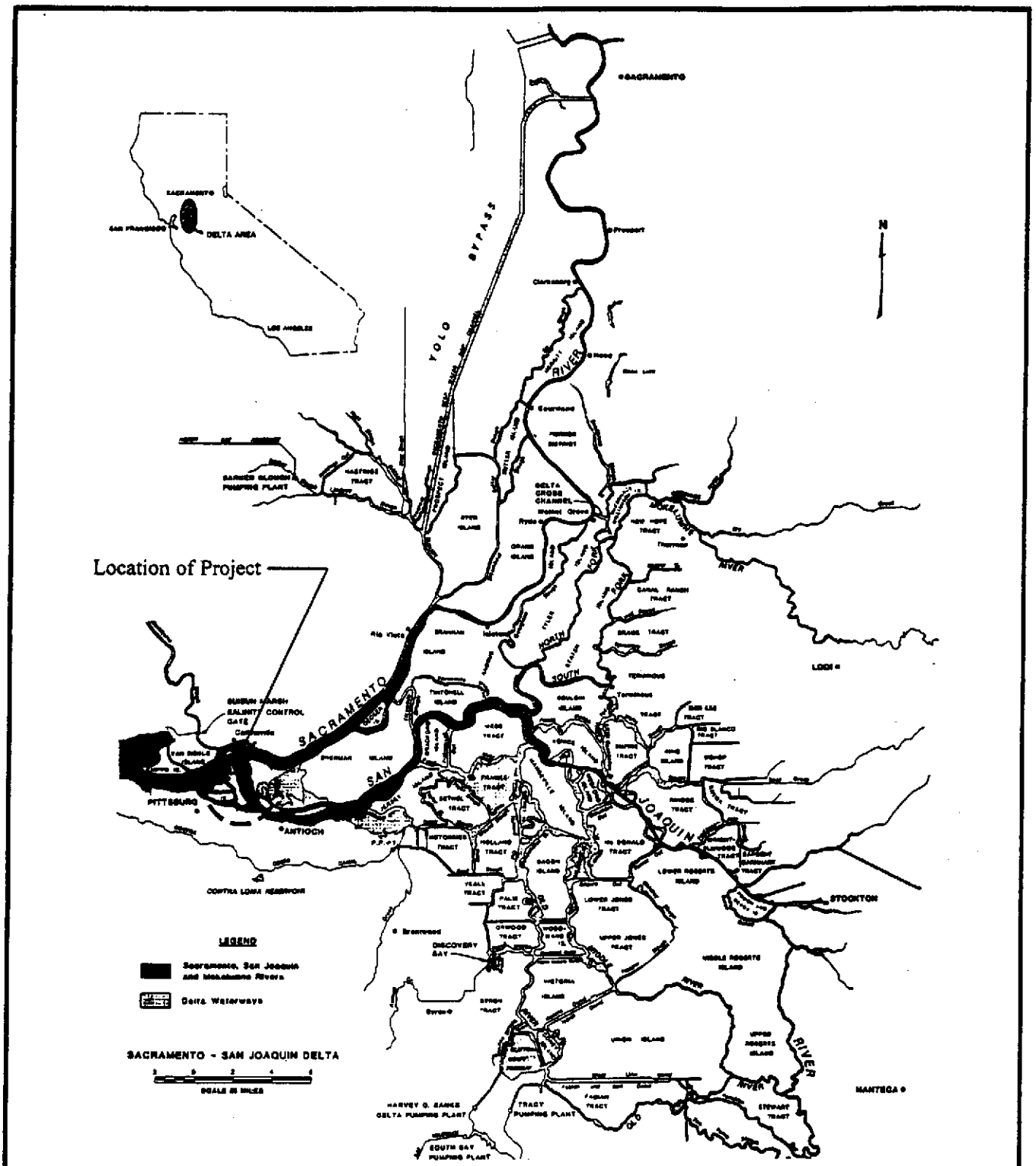
of importance to the Delta. Mr. Cosio is also a member of the Habitat Advisory Committee set up to administer the mitigation element of the Delta Levee Subventions Program and a member of the Habitat Advisory Committee subcommittee regarding regulatory permit streamlining for levee maintenance projects.

EA Engineering, Science, and Technology has consulted with MBK on Delta projects since 1993. In that capacity, they have provided biological design, monitoring, and survey services to MBK for Delta projects, and completed CEQA compliance documents associated with various habitat improvement projects.

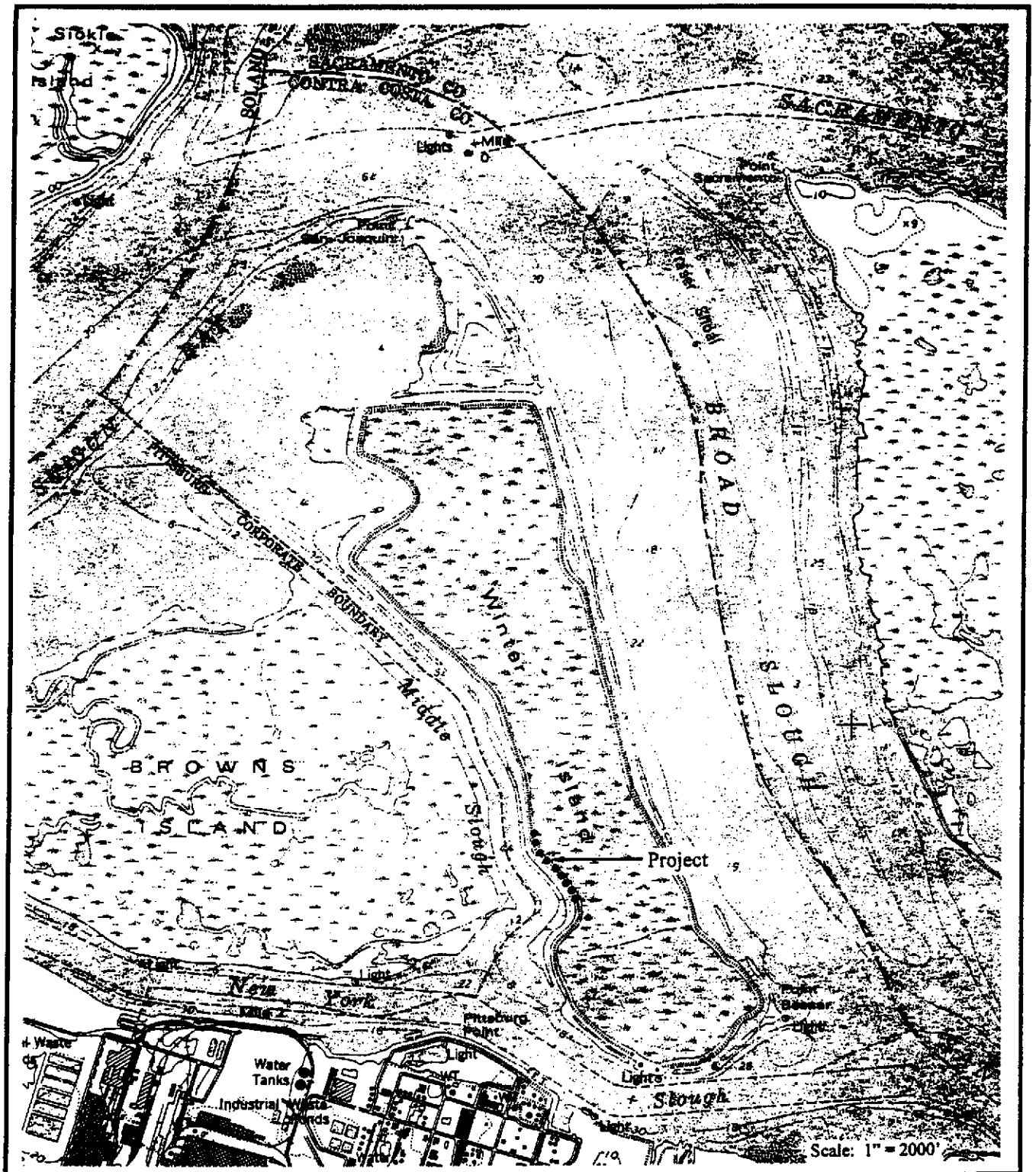
Mr. Scott Wilcox of EA Engineering, Science, and Technology is a senior fisheries biologist whose role will involve technical oversight and management of tasks related to biological monitoring and environmental compliance. His areas of technical expertise include aquatic and terrestrial resource impact assessment, habitat quantification and evaluation, and fisheries analyses in riverine and estuarine systems. His 17 years of experience includes biological investigations for approximately 30 projects within or tributary to the Central Valley and the Delta. Many of these projects involved planning of aquatic habitat restoration actions and characterization of habitat conditions. Relevant project experience includes design, monitoring, and CEQA compliance for levee habitat improvement projects; TES species surveys and Section 7 consultation for Delta smelt; and evaluation of potential construction project impacts on Sacramento splittail. Professional references for similar projects include Frank Wernette (209-948-7800) and Peter Perrine (916-358-2926) of the Department of Fish and Game.

Pursuant to California Government Code §1090, EA Engineering, Science, and Technology, Inc., is disclosing a remote interest in proposals submitted for funding under CALFED's 1997 Category III program. EA staff, as third tier subcontractors to the Bureau of Reclamation, have provided technical and administrative support to CALFED agency staff in the Restoration Coordination Program. In this capacity, EA staff have assisted with documentation of public meetings of the Ecosystem Roundtable, and compiled technical team meeting information for distribution to Roundtable members and the public. EA's legal counsel has determined that EA's participation as a subconsultant in contracts that may be awarded under the Category III program does not constitute a violation of California Government Code §1090.

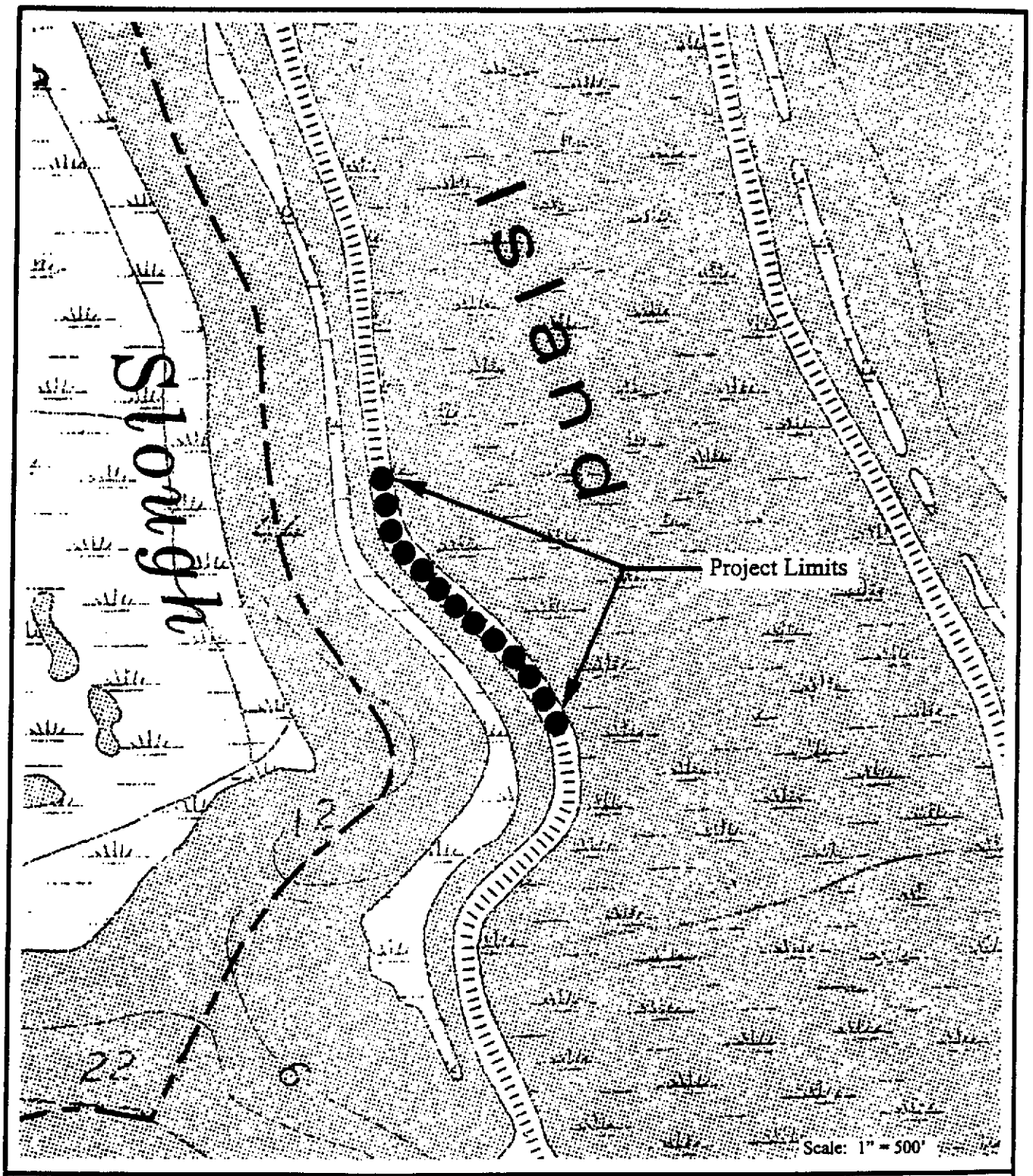
A:\CATIII.RPT



Location Map **Winter Island** Middle Slough	APPLICANT: **Reclamation District No. 2122** **Winter Island** **c/o Mr. Bob Pacini** **5115 Clayton Road, #A** **Concord, California 94521-3101** Date: July 1997	**Winter Island Alternative Bank Protection Habitat Enhancement Project** DATUM: NGVD COUNTY: Contra Costa Figure 1
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400		



Site Map Winter Island Middle Slough	APPLICANT: Reclamation District No. 2122 Winter Island c/o Mr. Bob Pacini 5115 Clayton Road, #A Concord, California 94521-3101 Date: July 1997	Winter Island Alternative Bank Protection Habitat Enhancement Project DATUM: NGVD COUNTY: Contra Costa Figure 2
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400		



Limits of Project

Winter Island

Middle Slough

MURRAY BURNS AND KIENLEN - Consulting Civil Engineers
1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400

APPLICANT:

Reclamation District No. 2122
Winter Island
c/o Mr. Bob Pacini
5115 Clayton Road, #A
Concord, California 94521-3101

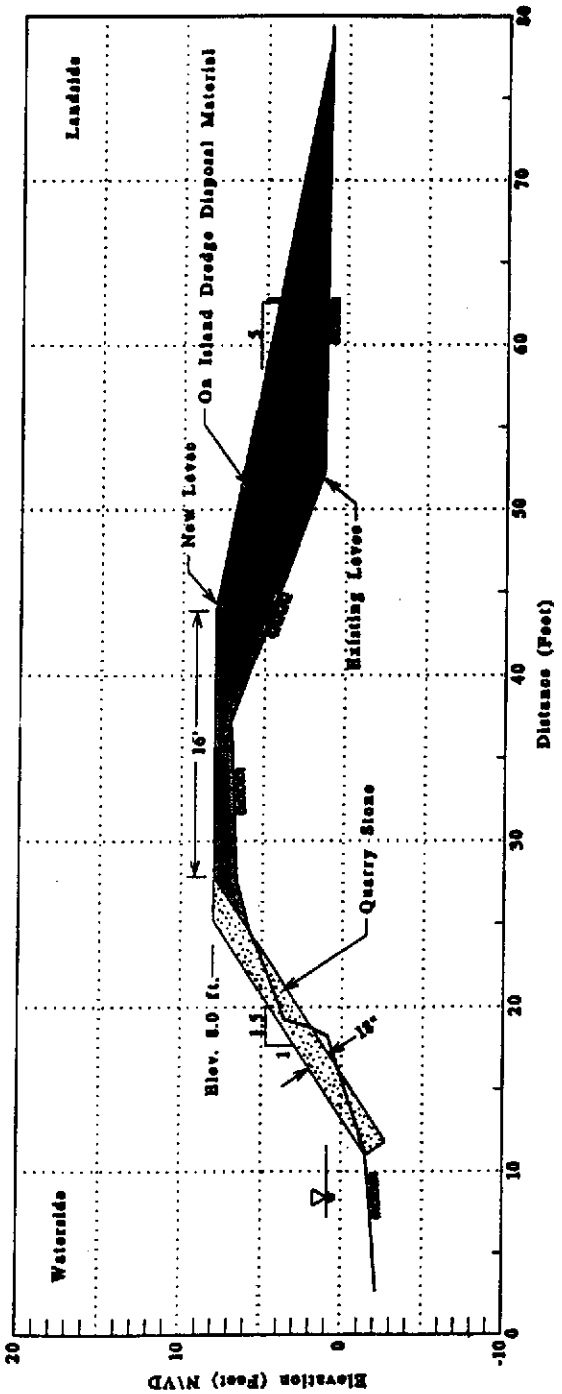
Date: July 1997

Winter Island Alternative Bank Protection Habitat Enhancement Project

DATUM: NGVD
COUNTY: Contra Costa

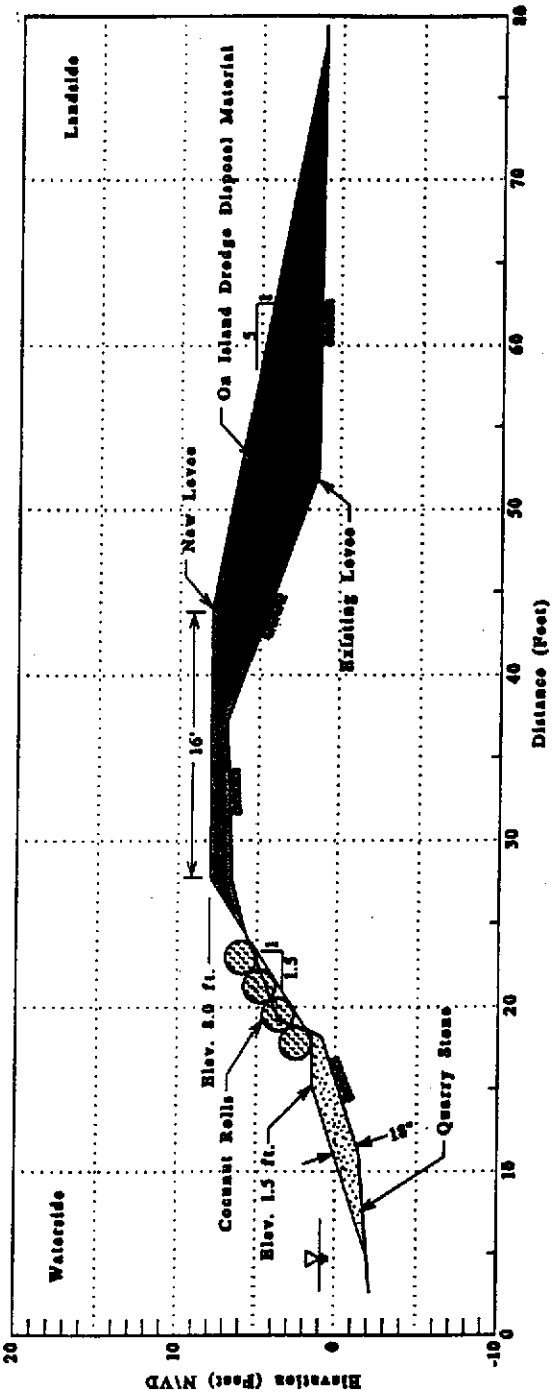
Figure 3

Quarry Stone Bank Protection



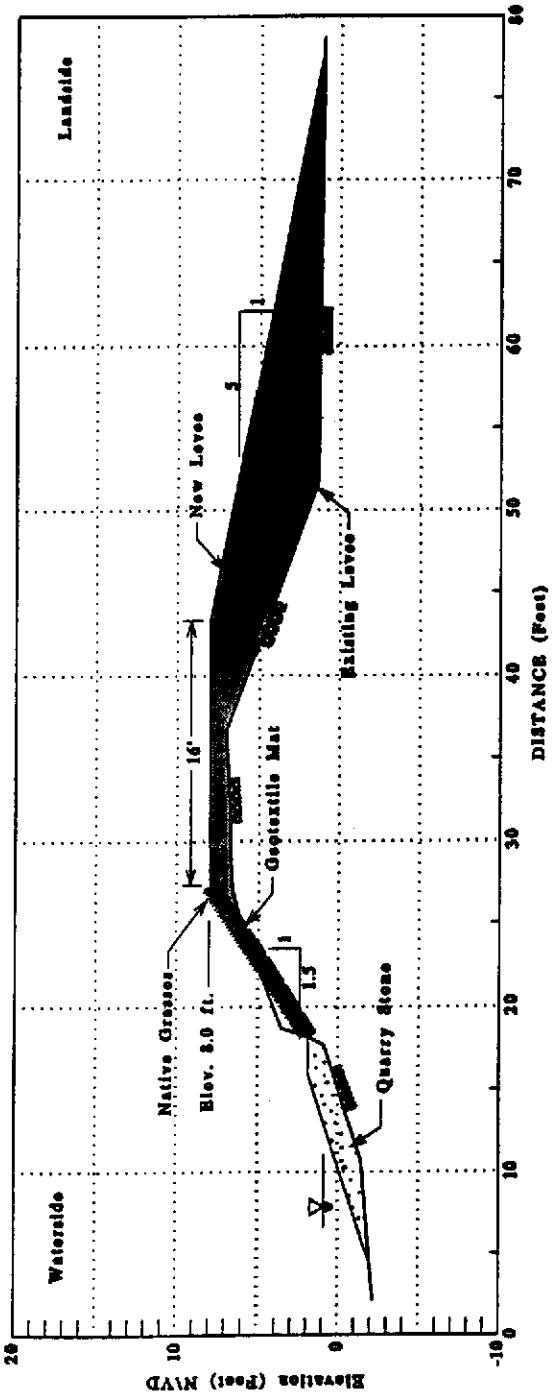
Typical Levee Cross Section **Station 200+00 to 203+00** **Winter Island** Middle Slough	APPLICANT: **Reclamation District No. 2122** **Winter Island** **c/o Mr. Bob Pacini** **5115 Clayton Road, #A** **Concord, California 94521-3101**	**Winter Island Alternative Bank Protection Habitat Enhancement Project**
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400	Date: July 1997	DATUM: NGVD COUNTY: Contra Costa Figure 4

Biolog Bank Protection



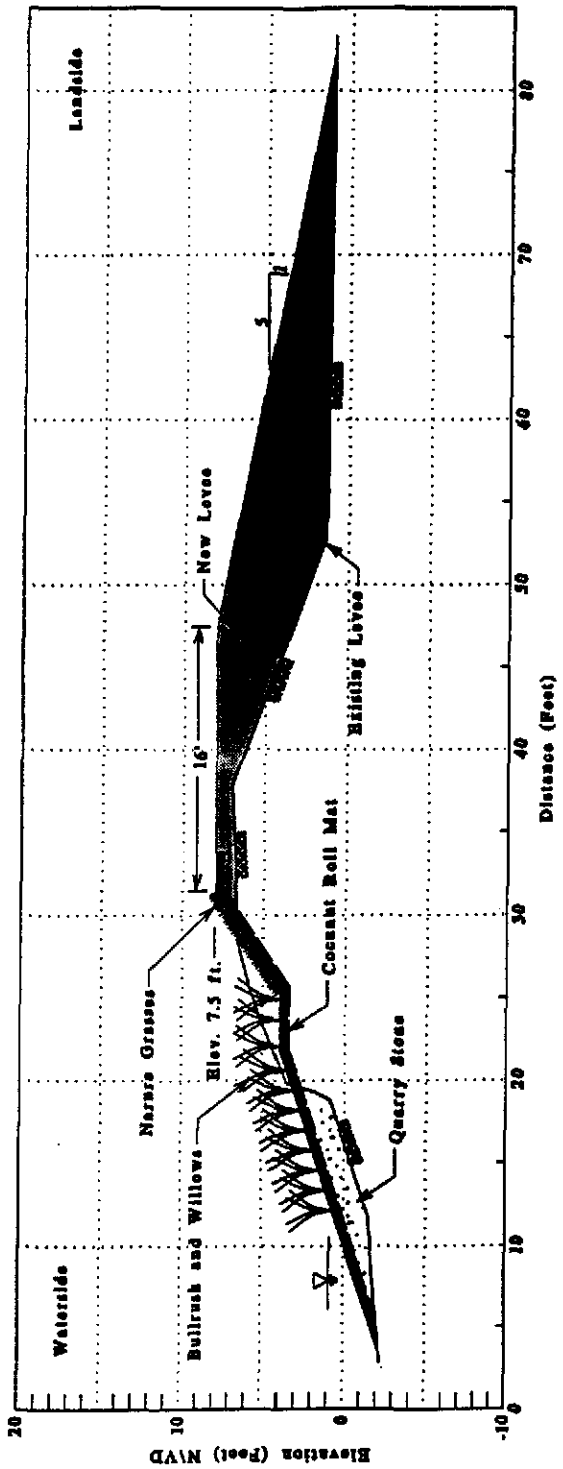
Typical Levee Cross Section **Station 203+00 to 206+00** **Winter Island** Middle Slough	APPLICANT: **Reclamation District No. 2122** **Winter Island** **c/o Mr. Bob Pacini** **5115 Clayton Road, #A** **Concord, California 94521-3101**	**Winter Island Alternative Bank Protection Habitat Enhancement Project**
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400	Date: July 1997	DATUM: NGVD COUNTY: Contra Costa Figure 5

Geotextile Erosion Control Matting



Typical Levee Cross Section **Station 206+00 to 209+00** **Winter Island** Middle Slough	APPLICANT: **Reclamation District No. 2122** **Winter Island** **c/o Mr. Bob Pacini** **5115 Clayton Road, #A** **Concord, California 94521-3101**	**Winter Island Alternative Bank Protection Habitat Enhancement Project**
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400	Date: July 1997	DATUM: NGVD COUNTY: Contra Costa Figure 6

Vegetation Bank Erosion Control



Typical Levee Cross Section **Station 209+00 to 212+00** **Winter Island** Middle Slough	APPLICANT: **Reclamation District No. 2122** **Winter Island** **c/o Mr. Bob Pacini** **5115 Clayton Road, #A** **Concord, California 94521-3101**	**Winter Island Alternative Bank Protection Habitat Enhancement Project**
MURRAY BURNS AND KIENLEN - Consulting Civil Engineers 1616 29th Street Ste 300, Sacramento CA 95816 - (916) 456-4400	Date: July 1997	DATUM: NGVD COUNTY: Contra Costa Figure 7

Item 11

Agreement No. _____

Exhibit _____

NONCOLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID FOR PUBLIC WORKS

STATE OF CALIFORNIA)
)ss
COUNTY OF Contra Costa)

Robert J. Pacini, being first duly sworn, deposes and
(name)

says that he or she is PRES. of
(position title)

DISTRICT 2122
(the bidder)

the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

DATED: 7-23-97 By [signature]
(person signing for bidder)

BETTY L. ORR
COMM. 1066933
NOTARY PUBLIC - CALIFORNIA
CONTRA COSTA COUNTY
My Comm. Expires July 30, 1999

(Notarial Seal)

Subscribed and sworn to before me on
July 23, 1997

[signature]
(Notary Public)
Betty L. Orr

Item 8

NONDISCRIMINATION COMPLIANCE STATEMENT

COMPANY NAME
DISTRICT 2122

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

Robert J. Pacini
OFFICIAL'S NAME

July 23, 1997
DATE EXECUTED

EXECUTED IN THE COUNTY OF
Contra Costa

PROSPECTIVE CONTRACTOR'S SIGNATURE

President, Board of Trustees
PROSPECTIVE CONTRACTOR'S TITLE

Reclamation District 2122
PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

F1-318

MURRAY, BURNS & KIENLEN

A Corporation
1616 29th Street, Suite 300
Sacramento, California 95816
Tel. (916) 456-4400
FAX (916) 456-0253

TRANSMITTAL MEMORANDUM

JUL 28 1997

July 28, 1997

TO: CALFED Bay-Delta Program
1416 Ninth Street, Suite 1155
Sacramento, California 95814

FROM: Gilbert Cosio, Jr.
Murray, Burns and Kienlen

SUBJECT: Transmittal of 1997 Category III Proposal -- Reclamation District No. 2122 - Winter Island Alternative Bank Protection Project

In accordance with specifications described in the "Request for Proposals, 1997 Category III, Ecosystem Restoration Projects and Programs", transmitted on behalf of Reclamation District No. 2122, are the enclosed ten (10) copies of their Proposal regarding the "**Winter Island Alternative Bank Protection Project**".

If you have any questions, or require additional information, please call me at (916)456-4400.

Sincerely,
MURRAY, BURNS & KIENLEN

BY: _____
Gilbert Cosio, Jr.

cc:
Reclamation District No. 2122
c/o Mr. Robert Pacini

7/28/97
3:12 PM