OTAY WATER DISTRICT
ENGINEERING, OPERATIONS & WATER RESOURCES COMMITTEE MEETING
and
SPECIAL MEETING OF THE BOARD OF DIRECTORS

2554 SWEETWATER SPRINGS BOULEVARD
SPRING VALLEY, CALIFORNIA
Board Room

Friday
December 14, 2007
3:30 P.M.

This is a District Committee meeting. This meeting is being posted as a special meeting in order to comply with the Brown Act (Government Code Section §54954.2) in the event that a quorum of the Board is present. Items will be deliberated, however, no formal board actions will be taken at this meeting. The committee makes recommendations to the full board for its consideration and formal action.

AGENDA

1. ROLL CALL

2. PUBLIC PARTICIPATION – OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK TO THE BOARD ON ANY SUBJECT MATTER WITHIN THE BOARD'S JURISDICTION BUT NOT AN ITEM ON TODAY'S AGENDA

INFORMATION / ACTION ITEMS

3. AWARD OF A CONSTRUCTION CONTRACT FOR THE 850-4 RESERVOIR – 2.2 MG PROJECT TO SPIESS CONSTRUCTION IN THE AMOUNT OF $2,566,300 (RIPPERGER/KAY) [5 minutes]

4. AWARD OF A CONSTRUCTION MANAGEMENT SERVICES CONTRACT FOR THE 36-INCH, SDCWA OTAY FCF NO. 14 TO THE REGULATORY SITE PROJECT TO RBF CONSULTING IN A NOT-TO-EXCEED AMOUNT OF $1,088,785 (POSADA/RIPPERGER) [5 minutes]

5. AWARD OF AN "AS-NEEDED" ENGINEERING DESIGN SERVICES CONTRACT TO VALLEY CONSTRUCTION MANAGEMENT DURING FISCAL YEAR 2007-2008 AND FISCAL YEAR 2008-2009 FOR AN AMOUNT NOT-TO-EXCEED $175,000 (RIPPERGER/JUYBARI) [5 minutes]

6. AWARD OF A CONSTRUCTION CONTRACT FOR THE 458-1 RESERVOIR INTERIOR COATING PROJECT TO RPI COATING, INC. IN AN AMOUNT NOT-TO-EXCEED $168,000 (RIPPERGER/JUYBARI) [5 minutes]

7. AWARD OF A CONSTRUCTION CONTRACT FOR THE 20-INCH, 944 ZONE LANE AVENUE/PROCTOR VALLEY/POND #1 PROJECT TO ARB INC. IN THE AMOUNT OF $660,256 (RIPPERGER/KAY) [5 minutes]

8. AWARD OF A PROFESSIONAL ENGINEERING PLANNING SERVICES CONTRACT TO WESTIN ENGINEERING FOR THE ASSET MANAGEMENT PLAN PROJECT IN AN AMOUNT NOT-TO-EXCEED $194,280 (RIPPERGER/GONZALEZ) [5 minutes]

9. APPROVAL OF CHANGE ORDER NO. 5 TO THE EXISTING CONTRACT WITH ZONDIROS CORPORATION FOR CONSTRUCTION OF THE SR-905 UTILITY RELOCATION PROJECT REDESIGN IN THE AMOUNT OF $207,444.77 (RIPPERGER/GONZALEZ) [5 minutes]

10. ADJOURNMENT

BOARD MEMBERS ATTENDING:
Jose Lopez, Chair
Gary Croucher

All items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

If you have any disability that would require accommodation in order to enable you to participate in this meeting, please call the District Secretary at 670-2280 at least 24 hours prior to the meeting.

Certification of Posting

I certify that on December 11, 2007 I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of Otay Water District, said time being at least 24 hours in advance of the meeting of the Board of Directors (Government Code Section §54954.2).

Executed at Spring Valley, California on December 11, 2007.

Connie Rathbone

Connie Rathbone, Assistant District Secretary

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AGENDA ITEM 3

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008
SUBMITTED BY:	Daniel Kay DK Associate Civil Engineer	PROJECT/ SUBPROJECT	P2191/ 001103 DIV. NO. 3
	Ron Ripperger Engineering Manager		
APPROVED BY: (Chief)	Rod Posada Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Award of a Construction Contract for the 850-4 Reservoir - 2.2 MG Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards a construction contract to Spiess Construction (Spiess) in the amount of $2,566,300 for the construction of the 850-4 Reservoir - 2.2 MG and to authorize the General Manager to execute an agreement with Spiess in an amount not to exceed $2,566,300. (See Exhibit A for project location.)

COMMITTEE ACTION: _____

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into a construction agreement with Spiess in an amount not to exceed $2,566,300 for the 850-4 Reservoir.

ANALYSIS:

This project consists of constructing a new 2.2 million gallon steel reservoir adjacent to the location of the existing 850-2 - 3.0 million gallon reservoir located in Spring Valley.

The 850-4 Reservoir will meet projected ultimate demands as well as provide adequate storage to the 850 Pressure Zone. The 850-4 Reservoir is the last planned reservoir needed in the 850 pressure zone according to the 2002 Water Resources Master Plan.

In addition to the new reservoir, Staff has determined that the existing 850-2 Reservoir is in need of repairs. These repairs are anticipated to be performed during the Fiscal Year (FY) 2009. The improvements to the existing reservoir include installing a new roof vent, installing a new outlet, installation of safety lanyard cables, and recoating of the exterior of the reservoir. The condition of the interior is unknown, therefore when the existing reservoir is down for the aforementioned repairs, the District will inspect the interior of the reservoir and determine if it needs to be recoated, repaired, or appurtenances replaced. Accordingly, the alternate items, with respect to interior coating and interior appurtenances of the 850-2 Reservoir, will not be made part of this contract. These items will be further evaluated and be brought to the Board with a recommendation at a later date.

Staff coordinated with the Spring Valley Community Planning Group, the Spring Valley Citizen's Associations, and surrounding HOAs during the planning and design phase of the project to educate the local community on the need for this reservoir. In addition, District Staff updated the community groups on the timeframe and activities for construction.

According to the adopted Mitigated Negative Declaration by the Board in 2004, the construction schedule for this project must begin before February 15, 2008. This date is the beginning of the breeding season for the California gnatcatcher and the area impacted by this project must be mitigated. The mitigation measures include Munz Sage restoration around the existing site. The mitigation measures are described in the Mitigated Negative Declaration located in the contract documents.

In order to create a self-sustaining and more environmentally friendly project, a solar power generating system was added to this project. The solar system includes a 75 square-foot photovoltaic panel for generating power, which is tied to the SDG&E power grid. When the demand for power at the site is low, the site has the capability of being self-sufficient.

The design for this project was performed in-house by Staff, with support from outside consultants for specialty design disciplines. Nolte Engineering provided structural design, Ninyo & Moore performed geotechnical, V&A provided the cathodic protection design, KTU&A was the landscape architect, and Engineering Partners Inc. performed the electrical design.

The project was advertised for bid on the District's website and several other publications including the Union Tribune and San Diego Daily Transcript.

A non-mandatory Pre-Bid Meeting was held on November 27, 2007. A presentation was given by the District Staff to explain the project and discuss any questions or concerns from the contractors. There were eight (8) contractors that attended the meeting and meeting minutes were published.

Subsequently, two addenda were sent out to all bidders and planhouses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on December 6, 2007 with the following results:

CONTRACTOR	TOTAL BID AMOUNT	CORRECTED BID AMOUNT
1 SPIESS CONSTRUCTION	$2,568,100	$2,566,300
2 PACIFIC TANK & CONSTRUCTION INC.	$2,726,400	-
3 CASS CONSTRUCITON	$3,098,950	-
4 PACIFIC HYDROTECH CORPORATION	$3,475,400	-
5 WIER CONSTRUCTION	$3,572,300	-
6 TC CONSTRUCTION CO. INC.	$3,607,000	-

The Engineer's Estimate was $2,790,000.

The evaluation process included reviewing all bids submitted for conformance to the contract documents. The lowest bidder, Spiess, submitted a responsible bid and holds a Class A Contractors license which expires on May 31, 2008. References were checked and Speiss was found to be a highly rated company. Staff also verified that it can comply with the bonding requirements for this project.

Per the public competitive bidding process, Staff is recommending the award of a construction contract to Spiess in the corrected bid amount of $2,566,300.

FISCAL IMPACT:

The total budget for CIP P2191, as approved in the FY 2008 budget, is $3,285,000. Total expenditures plus outstanding commitments and forecast excluding items of work in Spiess' base bid pertaining to rehabilitating the existing 850-2 Reservoir are $3,285,000. Based on a review of the financial budget, the Project Manager has determined that the budget is sufficient to support the project. See Attachment B for budget detail.

Base bid items pertaining to the rehabilitation of the exterior of the 850-2 Reservoir are $257,700. Based on the Project Manager's evaluation, this portion of the work is anticipated to be expended in FY 2009. The amounts will be budgeted in FY 2009 as a part of

the regular operating budget for Reservoir Maintenance Interior and Exterior Coating. As a part of the on-going Reservoir Maintenance Program, Staff budgets $200,000 a year. The remaining cost, approximately $58,000, will be funded by reducing other maintenance funds.

Staff anticipates that, based on the attached financial analysis, the CIP budget will be sufficient to support the CIP portion of this project. Finance has determined that 27% of the funding is available from the Expansion Fund and the remaining 73% will be funded by the designated betterment fund.

STRATEGIC GOAL:

This project supports the District's Mission Statement, "To provide safe, reliable water, recycled water and wastewater services to our community in an innovative, cost efficient water wise and environmentally responsible manner," as well as the General Manager's vision, "…prepared for the future…" by guaranteeing the District will always be able to meet future water supply obligations and plan, design, and construct new facilities.

LEGAL IMPACT:

None.

General Manager

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DK/HJ/RR/RP:jf

Attachments: Attachment A
Attachment B
Exhibit A

ATTACHMENT A

SUBJECT/PROJECT: P2191/001103	Award of a Construction Contract for the 850-4 Reservoir - 2.2 MG

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B

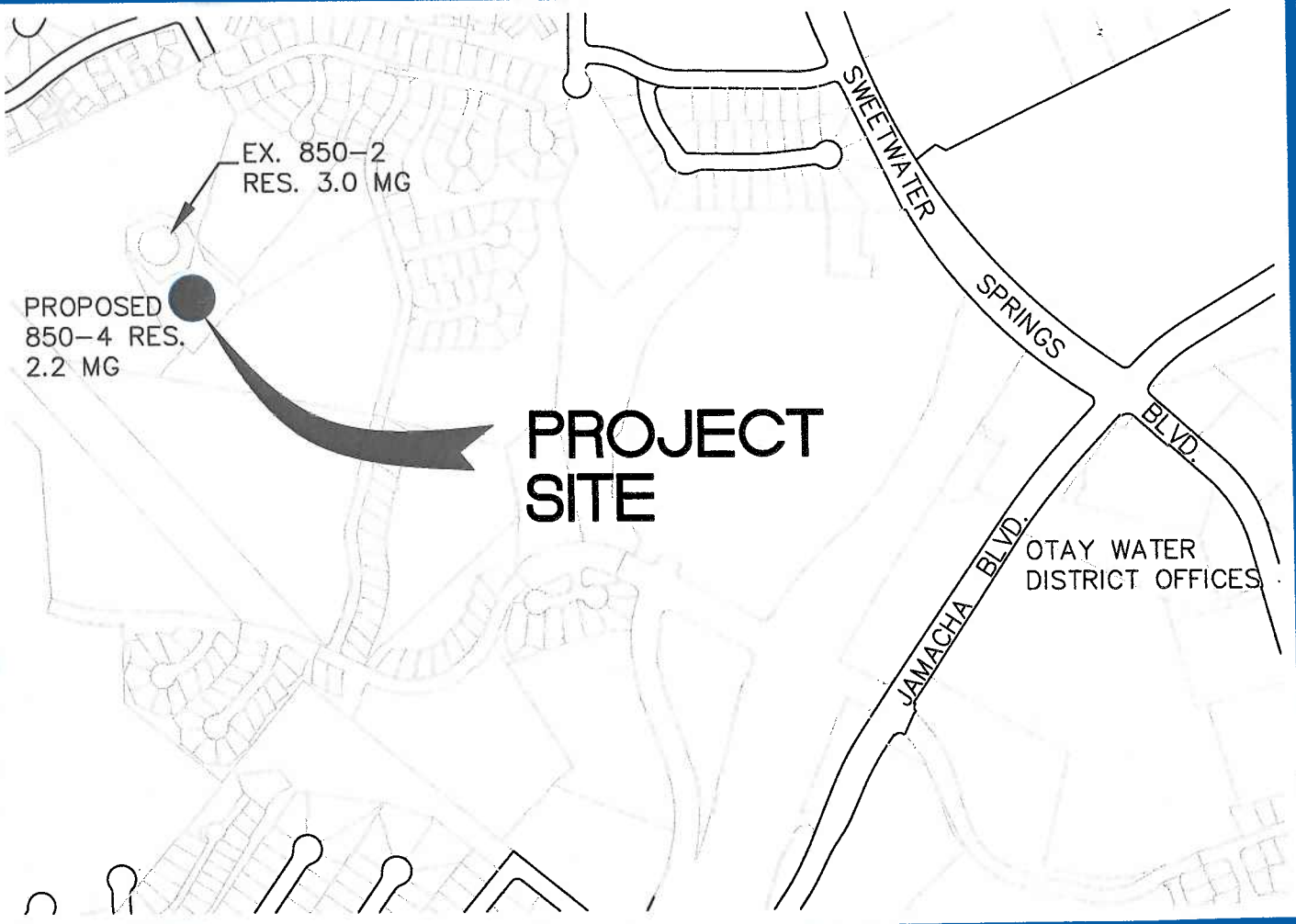
Otay Water District
P2191- Res - 850-4 Reservoir 2.2 MG

Date Updated: December 03, 2007

Budget $3,285,000	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor / Comments
Planning					
Labor	114,419	114,419		114,419	
Subcontract	2,950	2,950	-	2,950	ANDREW A. SMITH COMPANY
	37,739	37,739	-	37,739	JOHN POWELL & ASSOCIATES, INC.
	300	300	-	300	MICHAEL D. KEAGY
	6,177	6,177	-	6,177	P&D CONSULTANTS, INC.
	5,164	5,164	-	5,164	RECON
	1,328	1,328	-	1,328	ASL CONSULTING ENGINEERS
	30,364	30,364	-	30,364	REGIONAL ENVIRONMENTAL
Materials	103	103	-	103	TIGER REPRO GRAPHICS
Temporary Labor	16	16	-	16	ATWORK PERSONNEL SERVICE
	632	632	-	632	PRIMARY FUNDING CORP.
	245	245	-	245	SEDONA STAFFING SERVICES
	45	45	-	45	TEMPRO INC.,/SEDONA
Consultant Contracts	48,176	48,176	-	48,176	RECON
Outside Services	1,275	1,275	-	1,275	COUNTY OF SAN DIEGO RECORDER
	27	27	-	27	FEDEX
	889	889	-	889	MERKEL & ASSOCIATES, INC.
	1,647	1,647	-	1,647	RECON
	1,438	1,438	-	1,438	UNION TRIBUNE PUBLISHING
Service Contracts	108	108	-	108	SAN DIEGO DAILY TRANSCRIPT
Other Agency Fees	16,811	16,811	-	16,811	COUNTY OF SAN DIEGO
			-	-	
Total Planning	$ 269,852	$ 269,851	$ -	$ 269,851	
Design					
In House/Labor	378,099	378,099		378,099	
In House/Labor (future)				-	
Consultant Contracts	8,846	8,846	-	8,846	NINYO & MOORE
	21,910	8,600	13,310	21,910	ENGINEERING PARTNERS INC, THE
	13,601	11,906	1,695	13,601	KTU+A
	10,352	10,352	-	10,352	MERKEL & ASSOCIATES INC
	3,925	3,925	-	3,925	J C HEDEN AND ASSOCIATES INC
	15,695	6,870	8,825	15,695	NOLTE ASSOCIATES INC
Temporary Labor	14	14	-	14	ATWORK PERSONNEL SERVICE
	165	165	-	165	SEDONA STAFFING SERVICES
Professional Legal Fees	3,609	3,609	-	3,609	BURKE, WILLIAMS & SORENSEN LLP
	954	954	-	954	GARCIA CALDERON & RUIZ LLP
Service Contracts	1,000	1,000	-	1,000	SOUTHLAND TITLE
	6,500	6,500	-	6,500	BOWEN & ASSOCIATES
	5	5	-	5	PETTY CASH CUSTODIAN
Advertising/Bid	3,726	3,726	-	3,726	MERKEL & ASSOCIATES INC
Settlement/Easement	10,000	10,000	-	10,000	HIGHLAND RANCH COMMUNITY
Total Design	$ 478,402	$ 454,572	$ 23,830	$ 478,402	
Construction					
In House/Labor	98,558	17,323	81,235	98,558	
Service Contracts	2,478		2,478	2,478	OCB REPROGRAPHICS
Construction Contracts	2,308,600		2,308,600	2,308,600	SPIESS CONSTRUCTION
Contingency (5%)	116,810		116,810	116,810	
Outside Services	293	293	-	293	HELIX ENVIRONMENTAL PLANNING,
Computer Software			-	-	
Water Loss	7	7	-	7	
Accpt/close-out	10,000		10,000	10,000	
Total Construction	$ 2,536,747	$ 17,623	$ 2,519,123	$ 2,536,747	
Grand Total	**$ 3,285,000**	**$ 742,047**	**$ 2,542,953**	**$ 3,285,000**	

VICINITY MAP

SCALE: 1"=600'



OTAY WATER DISTRICT

850-4 RESERVOIR

CIP P2191

LOCATION MAP

EXHIBIT A

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AGENDA ITEM 4

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008		
SUBMITTED BY:	Ron Ripperger Engineering Manager	PROJECT/ SUBPROJECT:	P2009/001103	DIV. NO.	5
APPROVED BY: (Chief)	Rod Posada Chief, Engineering				
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations				
SUBJECT:	Award of a Construction Management Services Contract for the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project to RBF Consulting				

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards a professional services contract to RBF Consulting (RBF), for providing professional construction management services for the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site (36-Inch Pipeline) project and to authorize the General Manager to execute an agreement with RBF in a not-to-exceed amount of $1,088,785 (see Exhibit A for project location).

COMMITTEE ACTION: _____

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into a Construction Management Agreement with RBF. The contract amount is not-to-exceed $1,088,785 for providing construction management services for the 36-Inch Pipeline project.

ANALYSIS:

At the October 4, 2006 Board meeting, Infrastructure Engineering Corporation (IEC) was awarded the design contract for the 36-Inch Pipeline project. IEC has completed the 30% design submittal and is working towards the 60% design. In conjunction with the design, Staff, with the help of Harris & Associates (Harris), conducted a three day Value Engineering Workshop from September 19-21. The purpose of the workshop was to review the 30% design, and the project

as a whole, to determine what ideas could be implemented to reduce the overall project construction cost yet add value at the same time. Harris' final report suggested several items including pipe wall thickness changes and signalization at intersections as ways to improve the project. Harris will also conduct a constructability workshop after the 60% design submittal is received.

As part of the process to improve the design, Staff's goal is to engage the services of a Construction Manager (CM) at the 60% design milestone. Utilizing the services of a CM at this point in the project development provides another opportunity for discussion on methods of work and the possibility of additional cost savings through Value Engineering and schedule refinements. Utilizing the services of a CM early on in the process will also allow fresh input regarding constructability and provide an opportunity for IEC to include these new ideas into their final design. Consistent with the District's practice, a CM firm is used on larger projects that have a variety of complex construction activities. The CM augments District Staff and provides the fulltime inspection and monitoring that are required.

The 36-Inch Pipeline project design is anticipated to be completed in June 2008 with construction award in September 2008. This project is critical to meeting the ultimate demands for the North District.

In accordance with Board Policy No. 21, Staff solicited professional construction management services from engineering consulting firms by placing an advertisement on the District's website and with various publications including the Union Tribune and San Diego Daily Transcript.

The Pre-Proposal Meeting for the project was held on October 10, 2007. Forty-eight (48) people from various consulting groups attended the meeting. Twenty-six (26) firms submitted a Letter of Interest and a Statement of Qualifications. The Request for Proposal was sent to all twenty-six (26) construction management and engineering firms resulting in the following six (6) proposals received on October 22, 2007:

- J.T. Kruer & Company
- RBF
- EPC Consultants, Inc.
- Jacobs
- MWH
- Dudek

The remaining twenty (20) firms (C2PM; Vanir Construction; Simplex Construction Management; Boyle Engineering Corporation; Vali Cooper & Associates; Swinerton Management & Consulting; Harris & Associates; PBS&J; Pinnacle One; Trauner Consulting Services; the Moote Group; Malcolm Pirnie, Inc; Nolte; CMTS; Simon Wong Engineering; Butier Engineering; ICM Group; Kleinfelder; Berg & Associates, Inc.; and MTGL, Inc.) chose not to propose due primarily to the large number of consultants competing for the project.

A District review panel evaluated the written proposals and selected the following firms for a formal interview:

CONSULTING FIRMS	PROPOSED FEE	REVISED FEE
Jacobs	$897,817	-
MWH	$1,101,902	-
RBF	$1,343,585	$1,088,785

The Engineer's Estimate was $ 1,260,000.

The interview selection panel was comprised of six (6) Staff members. The oral interviews were conducted on November 26, 2007. After conducting the interviews, the panel completed the consultant ranking process and concluded that RBF was the most qualified consultant and provided the best overall value. A summary of the complete evaluation is shown in Exhibit B.

Fee negotiations with RBF were concluded on November 30, 2007. The original fee submitted by RBF was $1,343,585, as shown above, and was negotiated down to $1,088,785. The reduction in RBF's fee came primarily from shifting welding inspection to the contractor's scope of work which is more appropriate, reducing in-plant pipe inspection hours and eliminating overhead costs and future prevailing wage increases for the welding inspector. This project is very similar to the 30-Inch Recycled Pipeline project in which RBF was the CM. That project was very successful and RBF's fee and scope for that project was similar to the 36-Inch Pipeline. RBF is also the CM on the District's 640 Reservoir project and as of to date the project is progressing very well. Additional reference checks also verified that RBF is a highly rated consultant. Staff recommends the award of a professional services contract to RBF for a not-to-exceed amount of $1,088,785.

FISCAL IMPACT:

The total Fiscal Year 2008 budget for CIP P2185 is $18,490,000. The actual costs paid on this project as of December 3, 2006, are $1,165,688. Total expenditures plus outstanding commitment and

Attachment B is a table listing commitments, expenditures, and projected final costs. Based on the the financial budget, the Project Manager has determined that the budget is sufficient to support the project.

Finance has determined that 100% of the funding is currently available from the expansion fund.

STRATEGIC GOAL:

This project supports the District's Mission statement, "To provide the best quality of water and wastewater services to the customers of Otay Water District, in a professional, effective, efficient, and sensitive manner..." This project fulfills the District's Strategic Goals No. 1 - Community and Governance, and No. 5 - Potable Water, by maintaining proactive and productive relationships with the project stakeholders and by guaranteeing that the District will provide for current and future water needs.

LEGAL IMPACT:

None.

General Manager

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RR/RP:jf

Attachments Attachment A
Attachment B
Exhibit A
Exhibit B

ATTACHMENT A

SUBJECT/PROJECT: P2009/001103	Award of a Construction Management Services Contract for the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project to RBF Consulting

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B

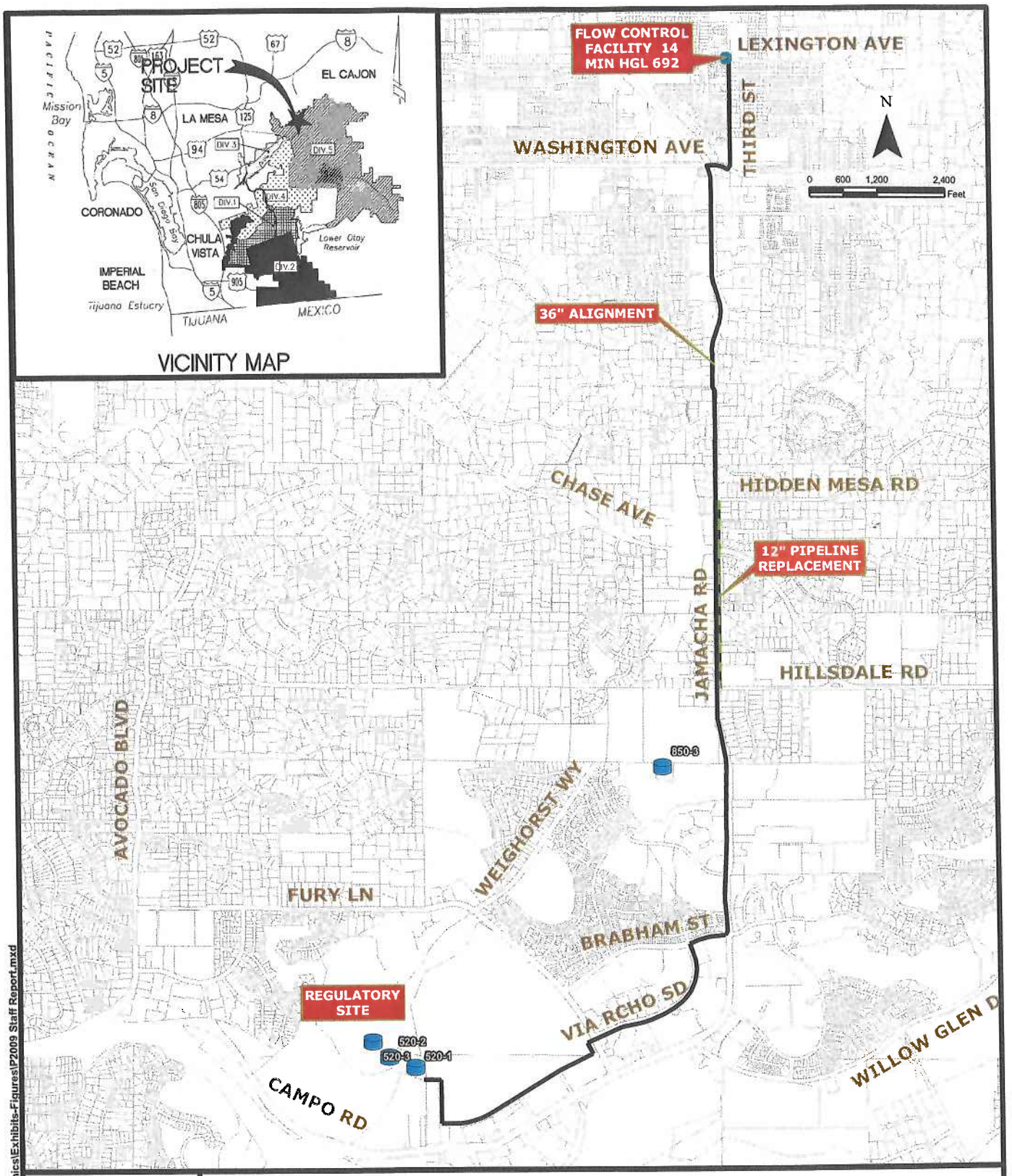
SUBJECT/PROJECT: P2009/001103	Award of a Construction Management Services Contract for the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project to RBF Consulting

Otay Water District

P2009 - 36-Inch Pipeline from SDCWA Otay FCF No. 14 to the Regulatory Site

Date Updated: December 03, 2007

Budget $18,490,000	*Committed*	*Expenditures*	*Outstanding Commitment & Forecast*	*Projected Final Cost*	*Vendor / Comments*
Planning					
Labor	196,851	196,851		196,851	
Printing	993	993	-	993	OCB REPROGRAHICS
Business Meetings	110	110	-	110	PETTY CASH
Professional Legal Fees	5,595	5,595	-	5,595	BURKE WILLIAMS & SORENSEN
	183	183	-	183	GARCIA CALDERON & RUIZ LLP
Consultant Contracts	1,338,108	613,318	724,790	1,338,108	INFRASTRUCTURE ENGINEERING
Service Contracts	398	398	-	398	UNION TRIBUNE
	957	957	-	957	SD DAILY TRANSCRIPT
	350	350	-	350	RYAN BETHKE
	705	705	-	705	OLLI BROS
Subcontract	12,266	12,266	-	12,266	HELIX WATER DISTRICT
Temporary Labor	16	16	-	16	SEDONA STAFFING
Total Planning	$ 1,556,531	$ 831,741	$ 724,790	$ 1,556,531	
Design					
In House/Labor	150,744	150,744		150,744	
In House/Labor (future)				-	
Consultant Contracts	93,000	18,750	74,250	93,000	SAN DIEGO COUNTY WATER
	107,138	48,368	58,771	107,138	HARRIS & ASSOCIATES INC
Special Projects	48	48	-	48	SEDONA STAFFING
Meals and Incidentals	162	162	-	162	PETTY CASH
Advertising/Bid	87	87	-	87	SAN DIEGO DAILY TRANSCRIPT
Other Agency Fees	3,830	3,830	-	3,830	CITY OF EL CAJON
Total Design	$ 355,008	$ 221,987	$ 133,021	$ 355,008	
Construction					
In House/Labor	5,146	5,146		5,146	
Service Contracts	298	298	-	298	UNION TRIBUNE PUBLISHING CO
Agreements	527,000	106,250	420,750	527,000	SAN DIEGO COUNTY WATER
Construction Management Contract	1,088,785		1,088,785	1,088,785	RBF
Service Contracts	266	266	-	266	MCGRAW-HILL CONSTRUCTION
Computer Software			-	-	
Professional Legal Fees			-	-	
Accpt/close-out			-	-	
Total Construction	$ 1,621,495	$ 111,959	$ 1,509,535	$ 1,621,494	
Grand Total	**$ 3,533,034**	**$ 1,165,688**	**$ 2,367,346**	**$ 3,533,034**	



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OTAY WATER DISTRICT

PIPELINE 36-INCH,
SDCWA FCF NO. 14 TO REGULATORY SITE

CIP P2009

W.O. 30136

EXHIBIT A

EXHIBIT B

CRITERIA SELECTION AND PROPOSAL RANKING

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS

Construction Management and Inspection Services for the 36-Inch Pipeline, SDCWA FCF No. 14 to Otay Regulatory Site

P2009

		WRITTEN								ORAL					TOTAL SCORE (per Reviewer)	AVERAGE SCORE	References
		Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	Proposed Fee* (Ranked by Project Manager)	Consultant's commitment to EBE, DBE, MBE, SBE* (Ranked by Project Manager)	Additional creativity, insight to issues	Understanding of scope, schedule, resources	Strength of project manager	Presentation, communication skills	Quality of response to questions			
SCORE		15	15	10	10	10	15	20	5	10	10	10	10	10	150		✓
JT Kruer & Co.	Manny Magaña	11	11	7	7	7	12	19	4	Not Interviewed					78	75.83	
	Rod Posada	13	10	6	7	8	10								77		
	Ron Ripperger	10	10	7	6	8	10								74		
	Hossein Juybari	10	10	7	6	8	10								74		
	Pedro Porras	8	10	8	8	5	10								72		
	Daniel Kay/David Charles**	10	12	8	5	8	14								80		
RBF	Manny Magaña	15	14	8	8	10	14	20	4	8	9	10	8	8	136	139.33	✓
	Rod Posada	15	15	9	10	10	14			10	9	10	9	10	145		
	Ron Ripperger	14	14	10	10	8	13			8	9	9	8	9	136		
	Hossein Juybari	14	15	10	10	8	13			9	9	10	9	10	141		
	Pedro Porras	12	15	10	10	8	14			8	9	10	8	8	136		
	Daniel Kay/David Charles**	14	14	9	10	9	14			10	9	10	9	10	142		
EPC	Manny Magaña	11	11	6	7	6	11	17	4	Not Interviewed					73	73.33	
	Rod Posada	13	10	7	8	8	11								78		
	Ron Ripperger	10	10	7	6	8	11								73		
	Hossein Juybari	11	11	7	6	8	11								75		
	Pedro Porras	5	5	8	8	5	9								61		
	Daniel Kay/David Charles**	12	13	8	4	8	14								80		
Jacobs	Manny Magaña	12	12	8	7	9	13	17	4	8	8	8	8	7	121	129.33	
	Rod Posada	14	14	9	8	9	13			8	8	7	8	9	128		
	Ron Ripperger	12	14	9	9	8	14			8	8	9	8	8	128		
	Hossein Juybari	12	14	10	9	8	14			9	9	8	9	9	132		
	Pedro Porras	10	15	9	10	10	13			9	10	10	9	8	134		
	Daniel Kay/David Charles**	13	13	9	9	9	14			9	8	10	9	9	133		
MWH	Manny Magaña	15	15	10	9	10	15	19	4	9	10	9	9	9	143	135.33	
	Rod Posada	14	15	8	9	9	14			8	7	9	9	9	134		
	Ron Ripperger	13	14	10	9	8	14			7	7	9	8	7	129		
	Hossein Juybari	14	14	10	9	8	14			8	8	7	9	7	131		
	Pedro Porras	15	15	10	10	10	15			10	10	10	10	8	146		
	Daniel Kay/David Charles**	14	12	8	7	8	14			9	8	9	8	9	129		
Dudek	Manny Magaña	12	11	7	7	7	12	15	4	Not Interviewed					75	80.00	
	Rod Posada	15	14	8	9	9	13								87		
	Ron Ripperger	13	14	8	8	8	13								83		
	Hossein Juybari	13	14	8	8	8	12								82		
	Pedro Porras	8	8	9	9	9	10								72		
	Daniel Kay/David Charles**	13	13	7	7	8	14								81		

* Project Manager scores the "Proposed Fee" and "Consultant's Commitment to EBE, DBE, MBE, and SBE" columns.

** David Charles sat in on the interview panel since Daniel Kay was out sick.

Ron Ripperger — Project Manager's Signature — 12-11-07 Date

Peer Review Signature — 12-11-07 Date

P:\WORKING\CIP P2009 36-inch PL - FCF 14 to Reg Site\Staff Reports\36-inch Summary Ranking & Scoring Exhibit B.xls

AGENDA ITEM 5

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008
SUBMITTED BY:	Hossein Juybari Senior Civil Engineer	PROJECT/ SUBPROJECT:	N/A DIV. NO. ALL
	Ron Ripperger Engineering Manager		
APPROVED BY: (Chief)	Rod Posada Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Award of As-Needed Engineering Design Services Contract to Valley Construction Management FY07-08 and FY08-09		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards an "As-Needed" professional Construction Management and inspection services contract to Valley Construction Management (Valley) and authorize the General Manager to execute an agreement with Valley for an amount not to exceed $175,000.

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into an "As-Needed" construction management and inspection services agreement with Valley. The contract amount is not-to-exceed $175,000 for the "As-Needed" Construction Management and inspection services for the FY 2008 and FY 2009 periods.

ANALYSIS:

The District will require the "As-Needed" professional construction management (CM) and inspection services of an engineering consultant to support the District's Capital Improvement Program (CIP). The "As-Needed" CM and inspection services contract will provide the District with the ability to obtain consulting services in a timely and efficient manner and on an as-needed basis. The District will

require the expertise of an engineering consultant to augment Staff for CM and inspection of several projects that will begin construction in 2008. Existing Staff will provide CM and inspection where possible, but will require additional expertise to inspect reservoir coating, welding, and other disciplines on a continuous basis.

The District incurs expenses in requesting, reviewing, and ranking proposals, checking references, and preparing staff reports for Committee and Board approval. Having consultants prepare proposals for several Requests for Proposals versus just one becomes expensive and these costs are passed on to the District. For this reason, the District began using similar contracts for as-needed environmental consulting services in Fiscal Year 05-06, as-needed geotechnical services in Fiscal Year 06-07, and as-needed design services in Fiscal Year 07-08 to help eliminate the preparation costs.

The District will issue task orders to Valley for specific projects during the contract period. The Consultant will then prepare a detailed scope of work, schedule, and cost estimate for each task order assigned under the contract. Upon written task order authorization from the District, the Consultant shall then proceed with the project, as described in the Scope of Work.

The CIP projects that are estimated to require CM and inspection services for Fiscal Years 2008 and 2009 are listed below:

CIP	DESCRIPTION	ESTIMATED COST
P1077	458-1 Reservoir interior coating	$30,000
P2143	1296-3 Reservoir	$35,000
P2172	1485-1 Pump Station	$30,000
P2191	850-4 Reservoir	$35,000
R2081	Recycled Conversion project	$30,000
	TOTAL:	$160,000

The various scopes of work for the above projects, including CM and inspection, are estimated from preliminary information and past projects. Therefore, Staff believes that a $175,000 cap on the "As-Needed" CM and inspection services contract is adequate. The additional $15,000 budget will be used for other related miscellaneous inspection tasks.

The "As-Needed" CM and inspection services contract would have a one-year base period commencing upon Board approval, and a one-year extension based on the District's CIP schedule and the consultant's successful performance. The contract is not to exceed $175,000 for

all task orders for the FY 2008 and FY 2009 periods. Fees for professional services will be charged to the CIP Projects for which the services are performed.

This "As-Needed" CM and inspection services contract does not commit the District to any expenditure until a task order is approved to perform work on a CIP Project. The District does not guarantee work to the consultant, nor does the District guarantee to the consultant that it will expend all of the funds authorized by the contract on professional services.

The District solicited "As-Needed" CM and inspection services from engineering consultant firms by placing an advertisement on the District's website and with various other publications including the San Diego Union Tribune and San Diego Daily Transcript.

Twenty-two (22) firms submitted a letter of interest and a statement of qualifications. The Request for Proposal (RFP) for "As-Needed" CM and inspection services was sent to all twenty-two (22) firms resulting in seven (7) proposals received on November 7, 2007. They are as follows:

- PBS&J
- Swinerton Management & Consulting
- IEC
- MWH
- Valley Construction Management
- J.T. Kruer & Company
- Pinnacle One

The fifteen (15) firms that chose not to propose are Gafcon Inc.; Vali Cooper & Associates, Inc.; Dudek; Harris & Associates; Blair Rasmussen Construction; Nolte & Associates, Inc.; Simon Wong Engineering; C2PM; MTGL, Inc.; Boyle Engineering; Edge Development, Inc.; Trauner Consulting Services; EPC; Ludgren Management; and Jacobs.

In accordance with the District's Policy 21, Staff evaluated and scored all written proposals. Valley received the highest score for their services based on their experience, proposed method to accomplish the work, and their ability to complete projects on schedule. Valley was the most qualified consultant with the best overall proposal. A summary of the complete evaluation is shown in Attachment B.

The District has not worked with Valley before, but references were very good for their work with other agencies. Therefore, Staff recommends the award of an "As-Needed" professional CM and inspection services contract to Valley for Fiscal Years 2008 and 2009.

FISCAL IMPACT:

The funds for this contract will be expended from the CIP projects noted previously. The fees for professional services requested herein are available in the authorized CIP project budgets. This contract is for professional services based on the District's need and schedule, and expenditures will not be made until a task order is approved by the District for the consultant's professional services on a specific CIP project.

Based on a review of the financial budget the Project Manager has determined that the budget will be sufficient to support the professional services required for specific CIP projects previously noted.

STRATEGIC GOAL:

This project supports the District's Mission statement, "To provide safe, reliable water, recycled water, and wastewater services to our community in an innovative, cost efficient water wise and environmentally responsible manner," as well as the General Manager's vision, "…prepared for the future…" by guaranteeing that the District will always be able to meet future water supply obligations and plan, design, and construct new facilities.

LEGAL IMPACT:

None.

General Manager

P:\WORKING\As Needed CM & Inspection Svcs FY08\Staff Reports\BD 1-16-08, As-Needed Construction Management and Inspection Services.doc

HJ/RR:jf

Attachments: Attachment A
Attachment B

ATTACHMENT A

SUBJECT/PROJECT:	Award of As-Needed Engineering Design Services Contract to Valley Construction Management FY07-08 and FY08-09
N/A	

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B

CRITERIA SELECTION AND PROPOSAL RANKING

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS

As-Needed Construction Management and Inspection Services

		WRITTEN										
		Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	*Proposed Fee	*Consultant's commitment to EBE, DBE, MBE,SBE	TOTAL SCORE (per reviewer)	AVERAGE SCORE	References
SCORE		15	15	10	10	10	15	20	5	100 **		✓
J.T. Kruer & Co.	Jerry Munoz	11	12	8	9	8	11	17	5	81	80.00	
	Hossein Juybari	12	11	7	7	7	12			78		
	Brandon DiPietro	12	12	5	5	6	12			74		
	Rod Posada	14	14	7	8	8	12			85		
	Ron Ripperger	12	12	8	7	9	12			82		
Pinnacle One	Jerry Munoz	11	11	8	8	8	11	19	5	81	80.00	
	Hossein Juybari	10	10	6	6	7	11			74		
	Brandon DiPietro	13	13	7	5	6	12			80		
	Rod Posada	13	13	6	6	7	10			79		
	Ron Ripperger	13	12	8	8	9	12			86		
MWH	Jerry Munoz	12	13	9	9	8	12	17	5	85	83.00	
	Hossein Juybari	13	12	8	8	9	13			85		
	Brandon DiPietro	14	13	7	7	7	13			83		
	Rod Posada	12	12	8	7	8	11			80		
	Ron Ripperger	13	11	8	7	9	12			82		
PBS&J	Jerry Munoz	13	13	10	10	10	13	16	5	85	76.40	
	Hossein Juybari	12	13	8	7	9	14			79		
	Brandon DiPietro	8	8	6	5	5	6			54		
	Rod Posada	15	15	8	9	9	13			85		
	Ron Ripperger	13	12	8	8	9	13			79		
Swinerton Management & Consulting	Jerry Munoz	13	13	8	8	8	8	19	3	80	80.80	
	Hossein Juybari	12	11	5	7	9	11			77		
	Brandon DiPietro	13	13	7	5	7	12			79		
	Rod Posada	14	14	8	8	8	13			87		
	Ron Ripperger	13	10	8	7	9	12			81		
Valley Construction Management	Jerry Munoz	13	14	10	10	10	13	17	5	92	89.00	✓
	Hossein Juybari	12	13	9	7	9	14			86		
	Brandon DiPietro	14	14	7	8	8	14			87		
	Rod Posada	15	15	9	9	9	14			93		
	Ron Ripperger	13	12	8	9	9	14			87		
IEC	Jerry Munoz	12	12	9	10	8	12	20	5	83	85.40	
	Hossein Juybari	12	12	7	8	8	13			80		
	Brandon DiPietro	14	13	7	8	8	14			84		
	Rod Posada	14	15	9	9	9	14			90		
	Ron Ripperger	15	15	9	8	9	14			90		

Notes: * **Project Manager scores the "Proposed Fee" and "Consultant's Commitment to EBE, DBE, MBE, and SBE" columns.**

Project Manager's Signature — **Date**

Peer Review Signature — **Date** 12/11/07

P:\WORKING\As Needed CM & Inspection Svcs FY08\Staff Reports\Form_RFP Rating_CM AS Needed 11-9-07, Attachment B.xls

AGENDA ITEM 6

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008		
SUBMITTED BY:	Hossein Juybari Senior Civil Engineer	PROJECT/ SUBPROJECT	P1077/ 015103	DIV. NO.	1
	Ron Ripperger Engineering Manager				
APPROVED BY: (Chief)	Rod Posada Chief, Engineering				
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations				
SUBJECT:	Award of a Construction Contract for the 458-1 Reservoir Interior Coating Project				

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards a construction contract to RPI Coating, Inc. (RPI) for the 458-1 Reservoir Interior Coating Project and authorize the General Manager to execute an agreement with RPI in an amount not to exceed $168,000 (see Exhibit A for project location.)

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into a construction agreement with RPI in an amount not to exceed $168,000 for the removal of the existing interior coating and to apply new coating to the 458-1 Reservoir. The project also entails installation of a new interior ladder, a manway, ten (10) cathodic protection anodes, and replacement of the reservoir vent screen.

ANALYSIS:

Project P1077 is a reservoir maintenance program approved for Fiscal Year 2008. This project includes repair, diving, testing, coating, and painting of various steel and concrete reservoirs throughout the District. The 458-1 Reservoir is the only reservoir scheduled for

maintenance in this fiscal year and is one of two reservoirs in the 458 Service Zone.

The scope of this work consists of furnishing all labor, material, and equipment in order to perform all operations to completely remove the existing interior coating and apply new coating to the 458-1 Reservoir, remove and replace the existing interior ladder, furnish and install an additional 36-inch access manway, furnish and install ten (10) cathodic protection anodes, and replace the existing reservoir vent screen.

The number and placement of cathodic anodes has been modified from the existing arrangement to provide better corrosion protection. The number of anodes will increase from nine (9) to ten (10). The placement of each will be re-arranged and installed at existing anode access ports.

An internal inspection of the 458-1 Reservoir was conducted in August 2006 by Harper & Associates Engineering, Inc. Their recommendations included complete removal and application of the interior coating within three (3) to five (5) years. The report indicated that moderate and severe corrosion was present at various locations and also random blistering is present on the shell surface and appurtenance. Since the current coating is 23 years old, and spot repair work cannot be accomplished because the existing solvent cut-back coal tar coating can no longer be used in potable water reservoirs, it does not comply with the new volatile organic compound level requirements. Therefore, Staff recommends performing this coating work ahead of the schedule. This report, together with the color photographic survey (see attached pictures), was provided as part of the contract documents.

District Staff developed the contract documents and the project was advertised for bid on the District's website and several other publications including the San Diego Tribune and San Diego Daily Transcript.

Subsequently two (2) addenda were sent out to all bidders and planhouses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on December 4, 2007 with the following results:

CONTRACTOR	TOTAL BID AMOUNT
RPI Coating, Inc	$168,000.00
Olympus and Associates, Inc	$170,990.00

The Engineer's Estimate was $142,450.

A late bid from Blastco Inc. was received December 4, 2007 at 10:13 a.m. via FedEx. The Blastco bid was returned to sender unopened.

Staff reviewed the bids submitted for conformance with the contract requirements and determined that RPI was the lowest responsive and responsible bidder. RPI holds a Class C33 Contractor's License which expires on January 31, 2008 which they are currently in the process of renewing. Reference checks indicated an excellent performance record on similar projects and that all agencies contacted would hire RPI for future projects. Per the public competitive bidding process, Staff recommends award of the contract to RPI in the amount of $168,000.00.

FISCAL IMPACT:

The Reservoir Maintenance Program is an on-going maintenance effort in the District. As such, these expenditures are funded in the operating budget. The current FY 2008 approved budget for this program (P1077) is $150,000.00. The contract amount for this project is $168,000.00. Based on a review of the departmental budget, the Project Manager has determined that sufficient budget is available from savings in other operational areas such as Consultant Services for 36-Inch La Presa Pipeline Inspection and Construction Contract efforts for painting.

STRATEGIC GOAL:

This project supports the Operations Division's Mission Statement, "To provide all operations and maintenance services in the highest possible professional, efficient, safe and cost effective manner to all internal and external customers, and to strive to continually improve the level of services this Department provides."

LEGAL IMPACT:

None.

General Manager

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HJ/RR/RP:jf

Attachments: Attachment A
Exhibit A
Exhibit B

ATTACHMENT A

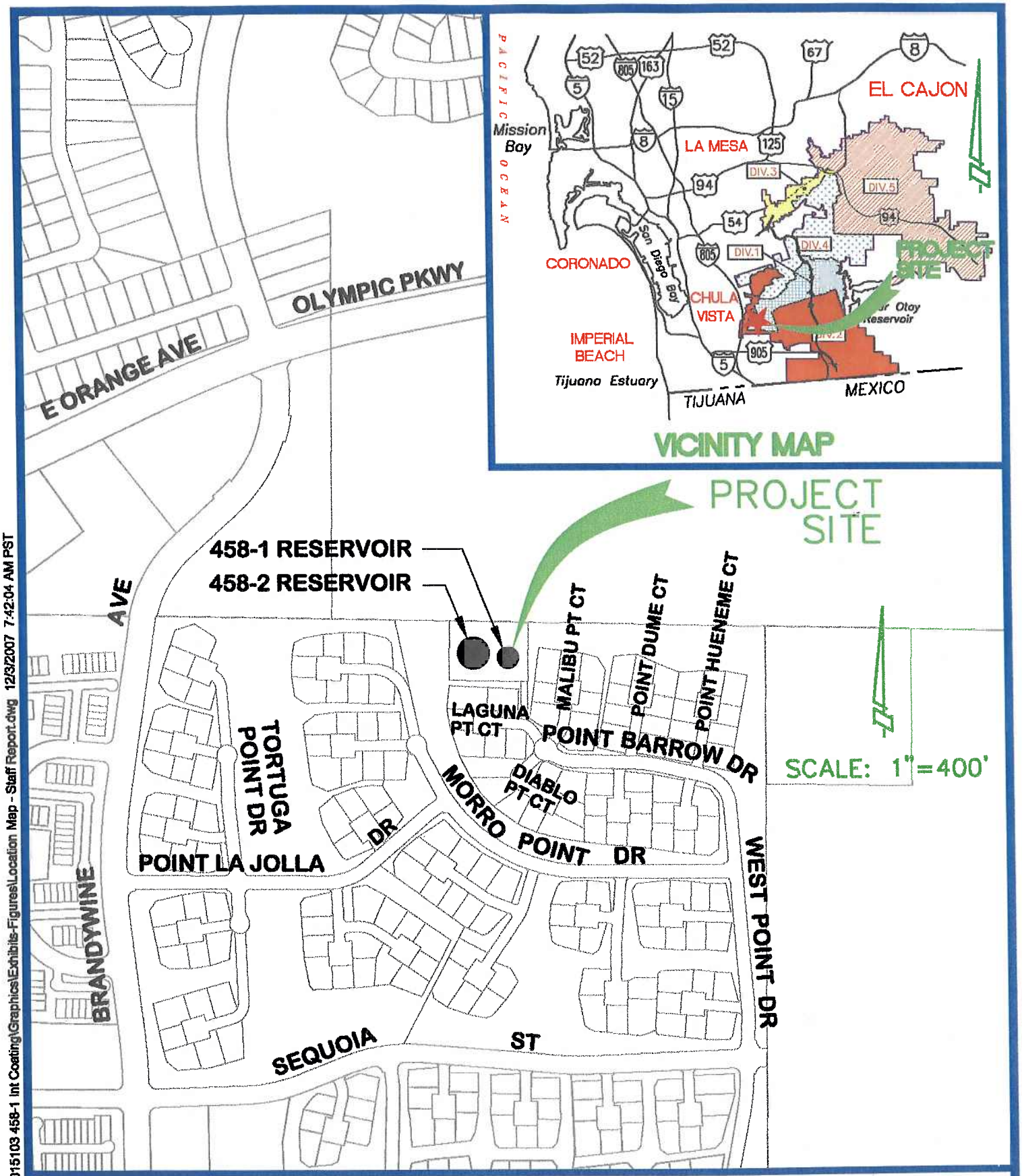
SUBJECT/PROJECT: P1077-015103	Award a Construction Contract for the 458-1 Reservoir Interior Coating Project

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



OTAY WATER DISTRICT

458-1 RESERVOIR INTERIOR COATING
LOCATION MAP

CIP P1077-015103

EXHIBIT A

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EXHIBIT B

HARPER & ASSOCIATES ENGINEERING, INC.

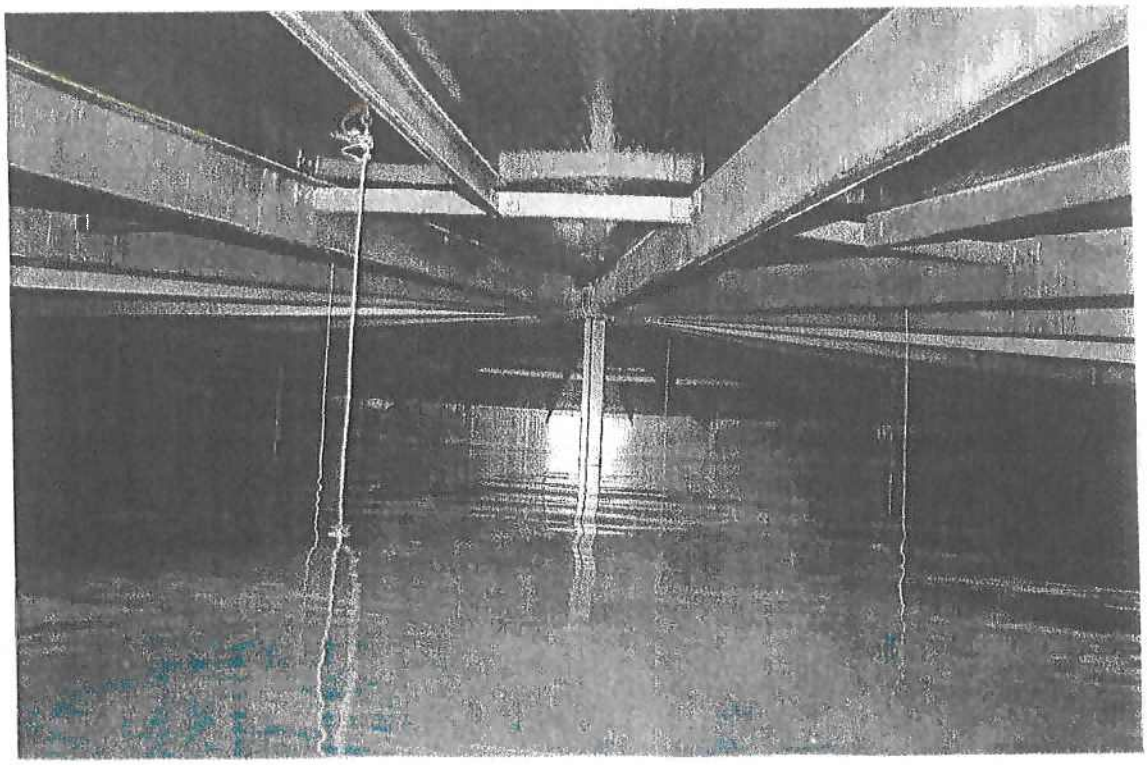
CONSULTING ENGINEERS

1240 E. Ontario Ave., Ste. 102-312 Corona, CA 92881-8671
Phone (951) 372-9196 Fax (951) 372-9198
www.harpereng.com HAETanks@aol.com

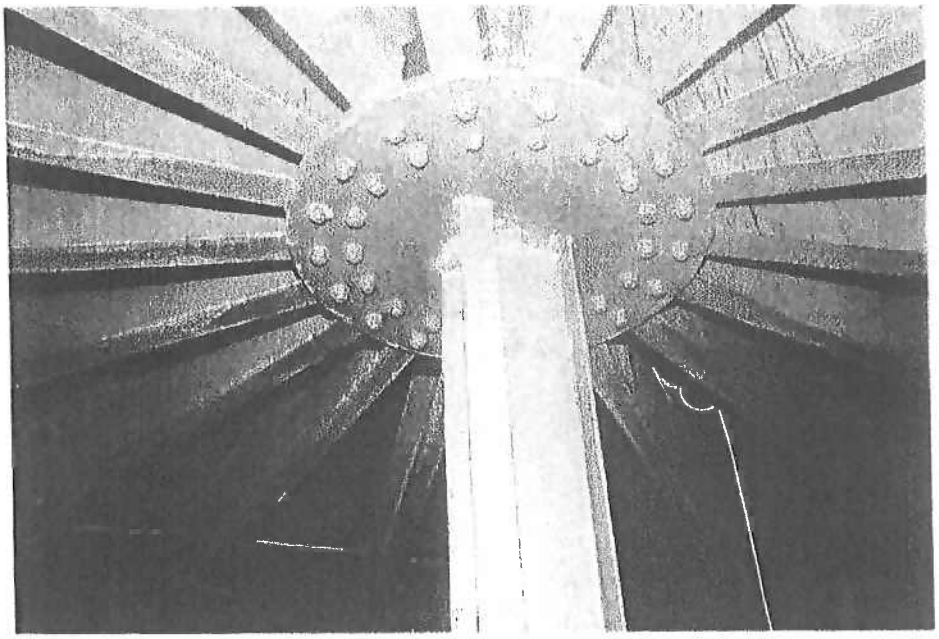
PHOTOGRAPIC SURVEY

PROJECT:	Corrosion Engineering Evaluation of a Welded Steel Water Storage Reservoir
STRUCTURE:	Interior of a Welded Steel Water Storage Reservoir (Reservoir 458-1)
OWNER:	Otay Water District
LOCATION:	Chula Vista, California
PHOTOGRAPHED BY:	Andre Harper, Project Engineer
DATE.	August 2006

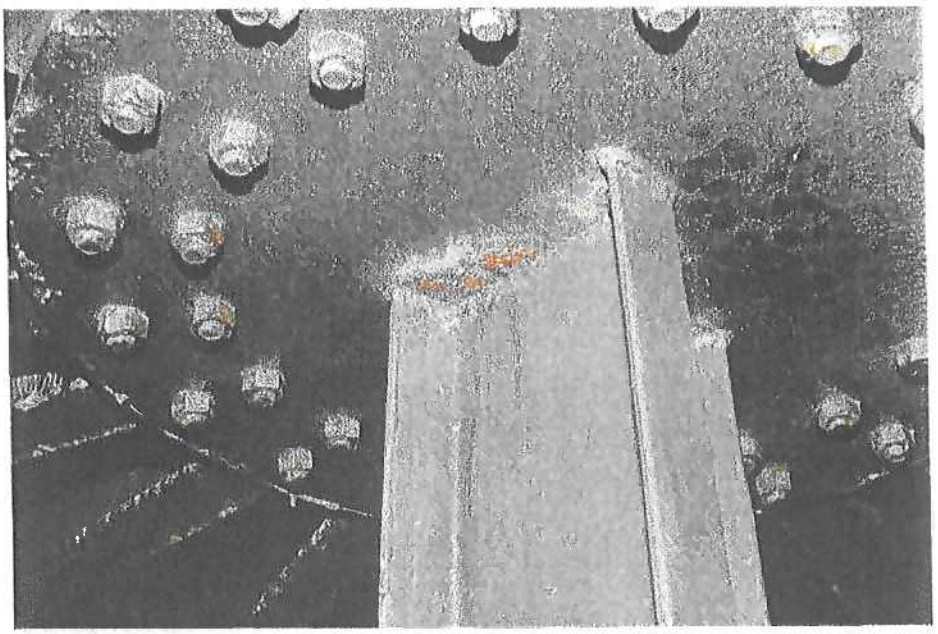
I-1 View of the roof and structural members above the water line.



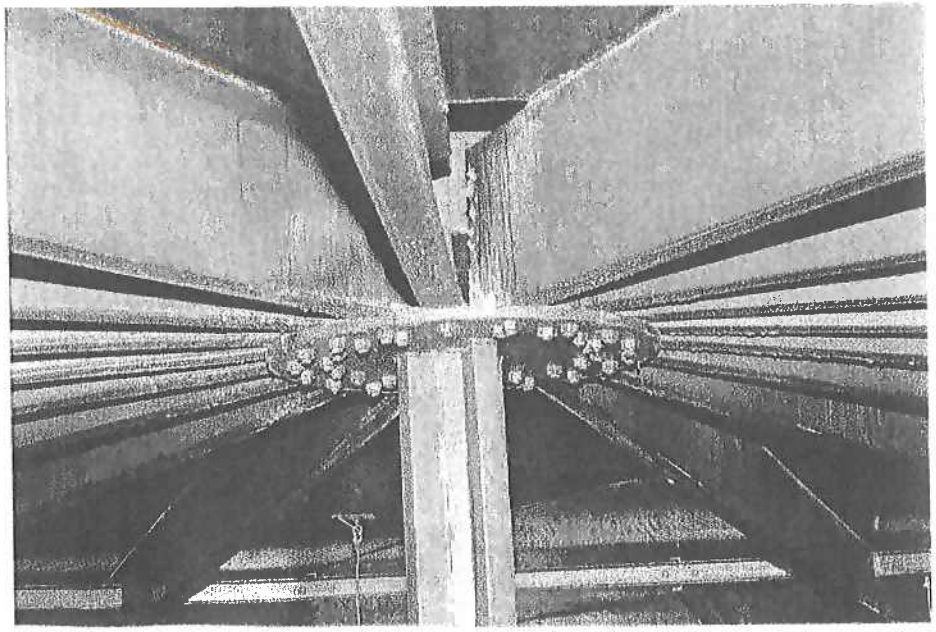
I-2 View of the center support column and rafters, illustrating minor to moderate corrosion at the rafter ends, nuts and bolts and underside of the plate near the column.



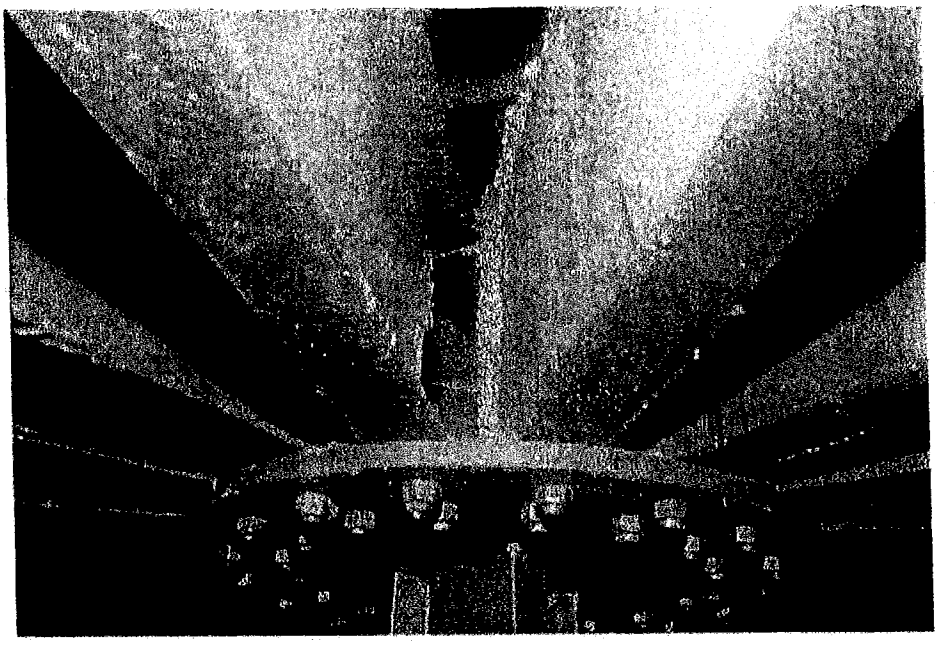
I-3 Close-up view of the corrosion on the underside of the support plate and nuts and bolts.



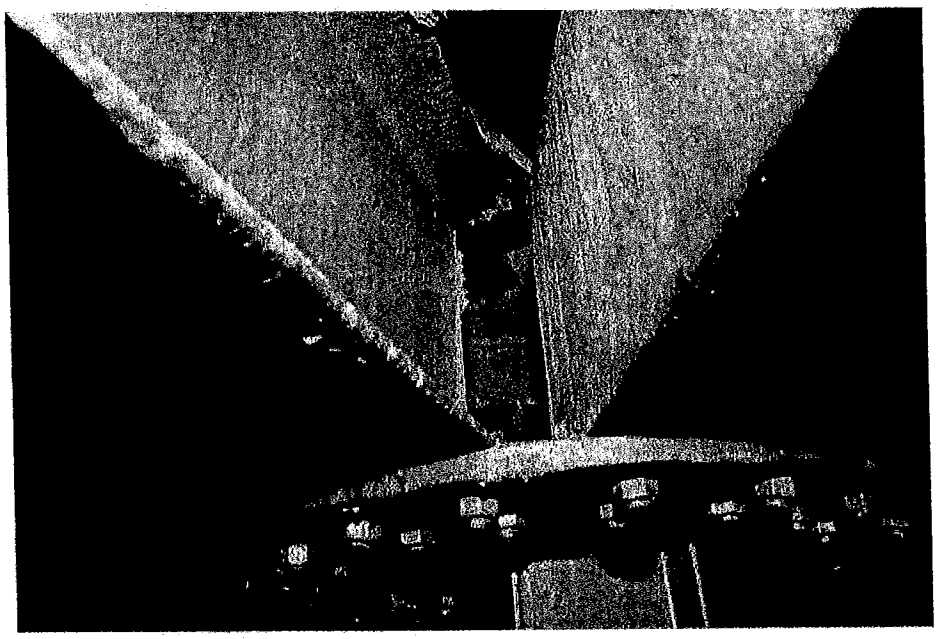
I-4 Same as Photos I-2 and I-3, except from a different angle.



I-5 Close-up view of the rafter ends, illustrating moderate to severe corrosion at the ends of the rafters and along the top flange.

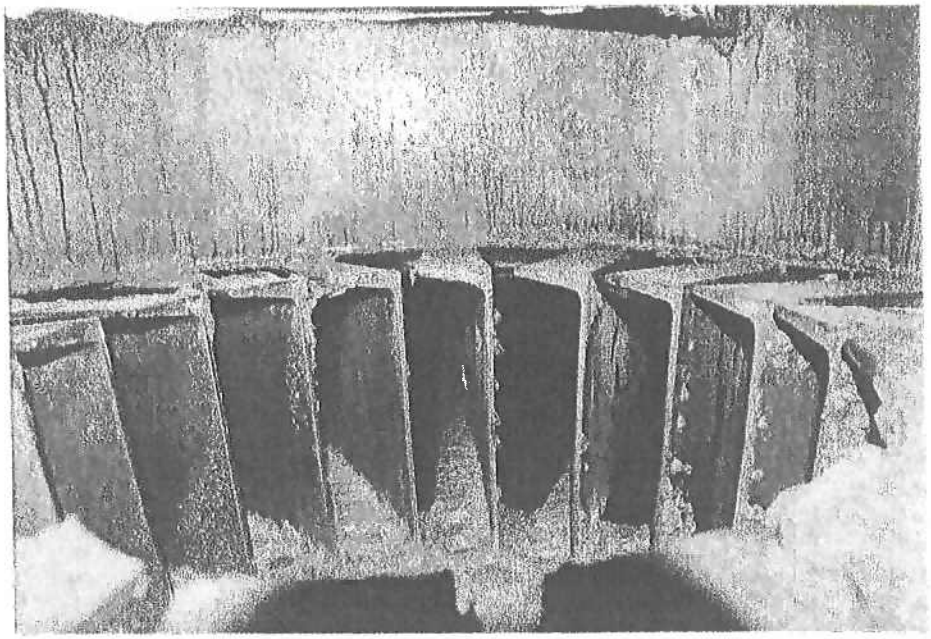


I-6 Same as Photo I-5, except in a different location.

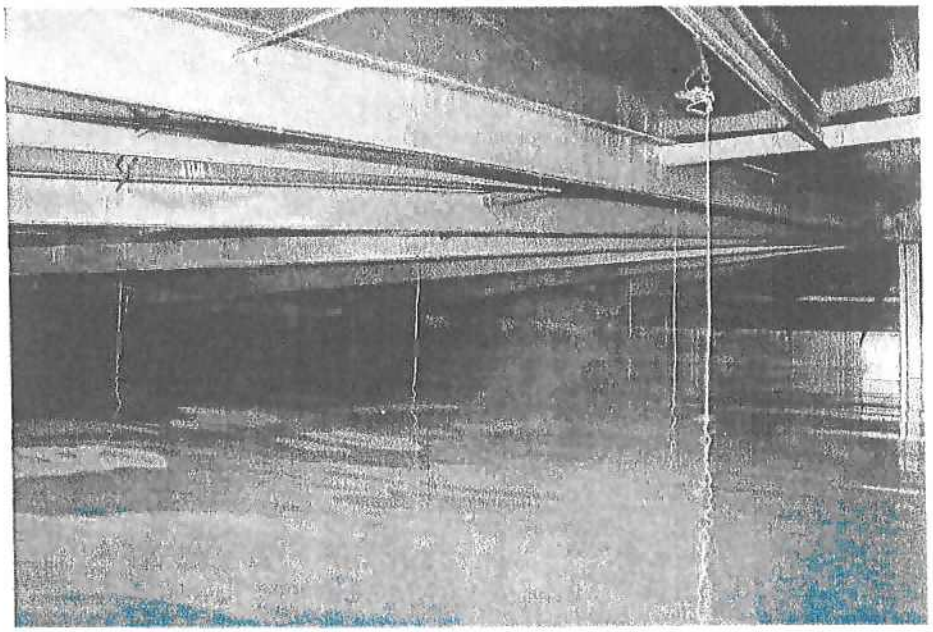


I-7 View of the rafter ends from inside the center vent structure, illustrating moderate to severe corrosion at the rafter ends and edges of the roof plates at the center vent penetration.

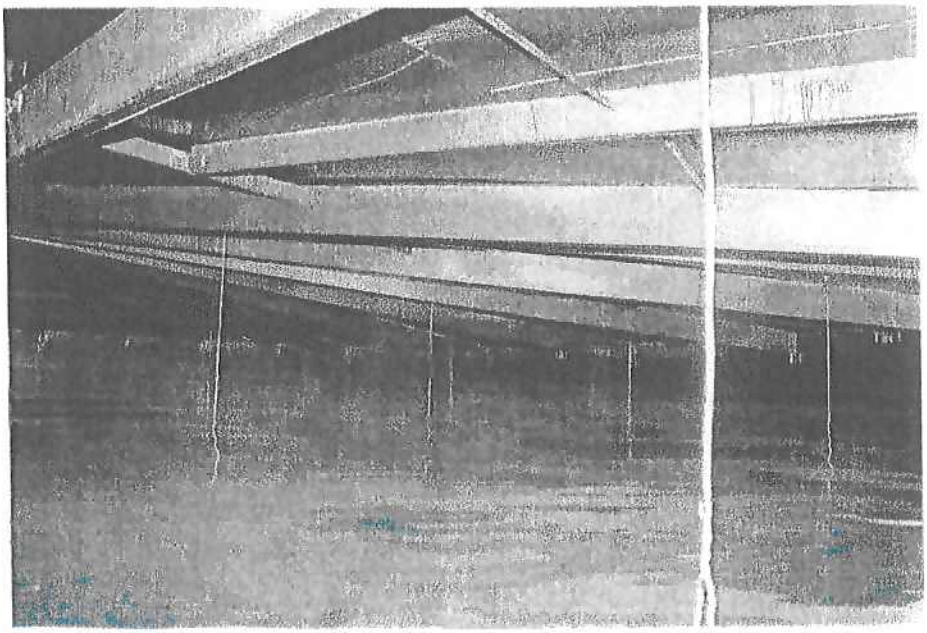
I-8 Same as Photo I-7, except from a different angle.



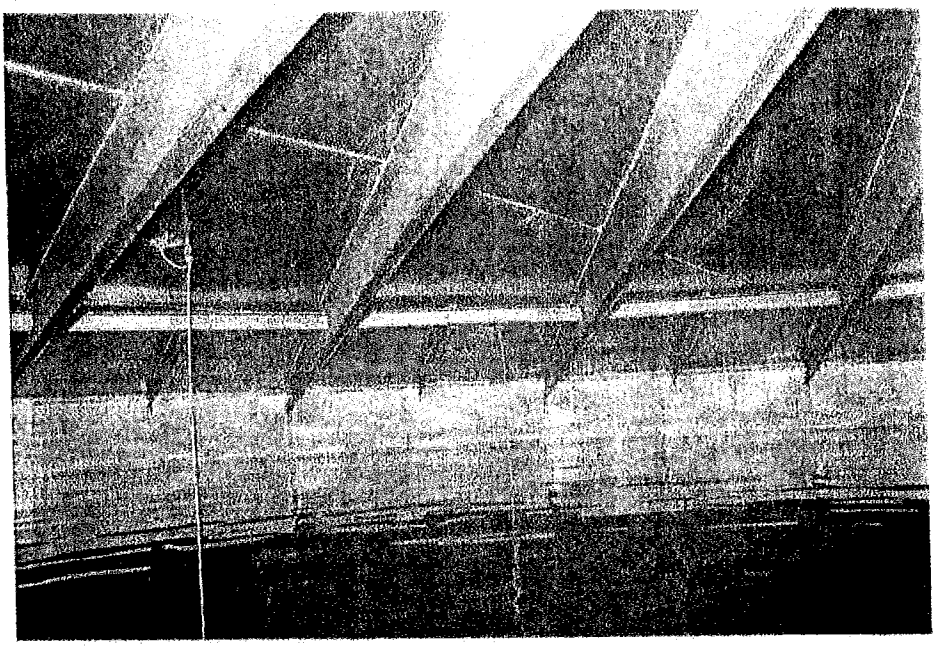
I-9 View of a portion of the roof, illustrating generally good condition of the coating system. Note minor corrosion along the top flange of the rafters and at tie-rods where they penetrate the rafter webs.



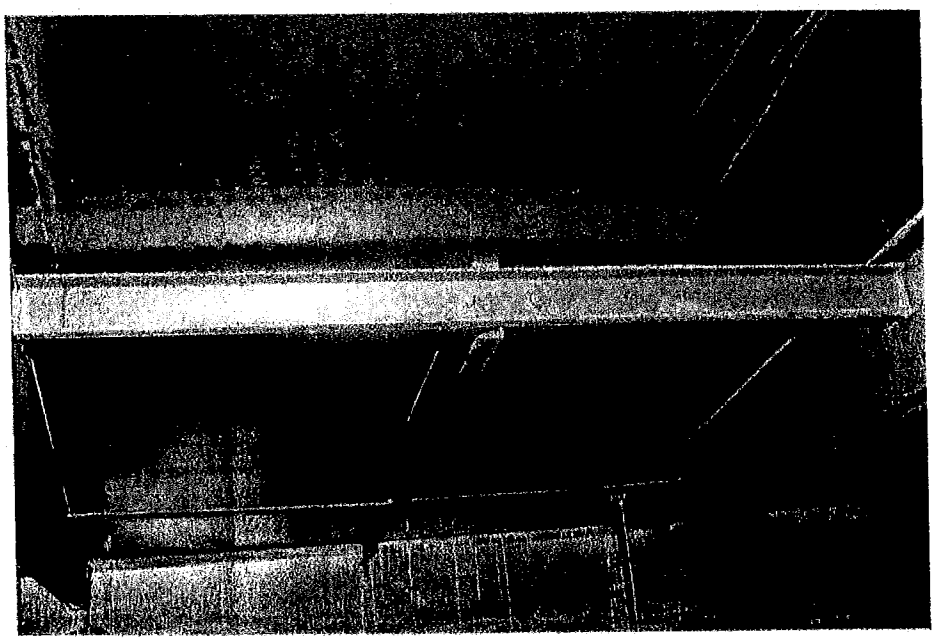
I-10 Same as Photo I-9, except a different portion of the roof.



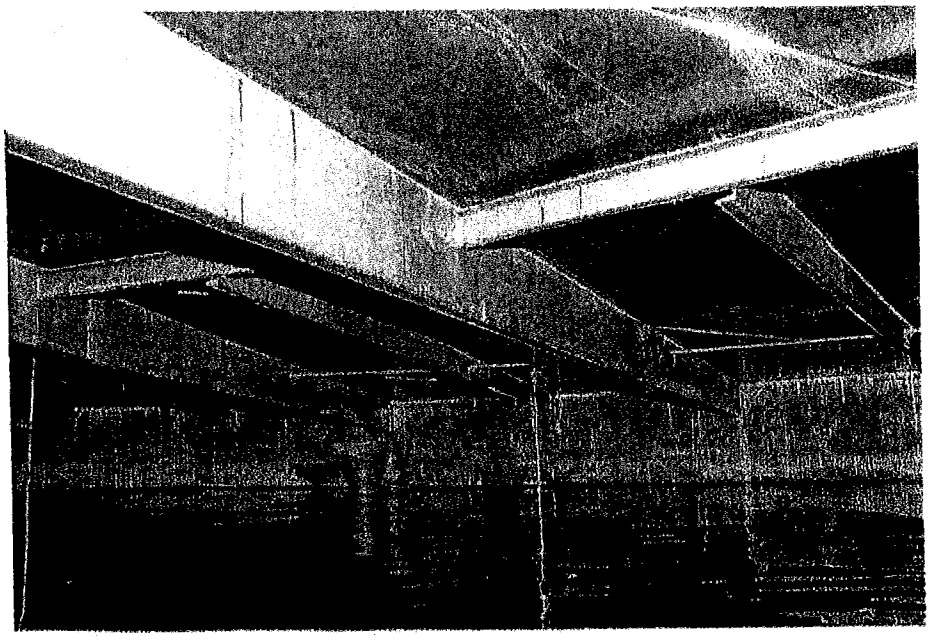
I-11 Same as Photos I-9 and I-10, except a different portion of the roof.



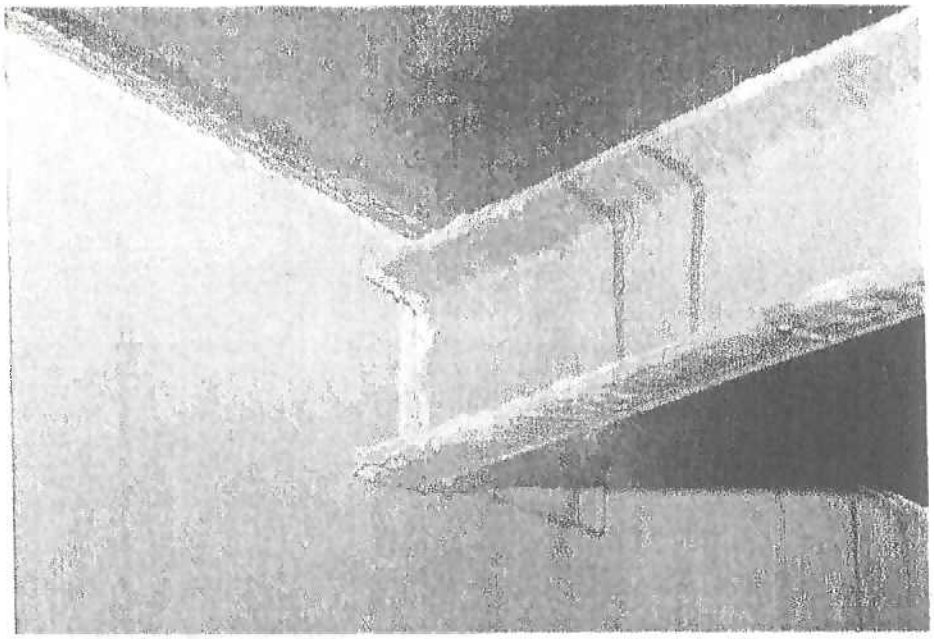
I-12 View of lateral brace between larger rafters, illustrating moderate corrosion at the connection points and along the upper and lower flanges of the lateral brace.



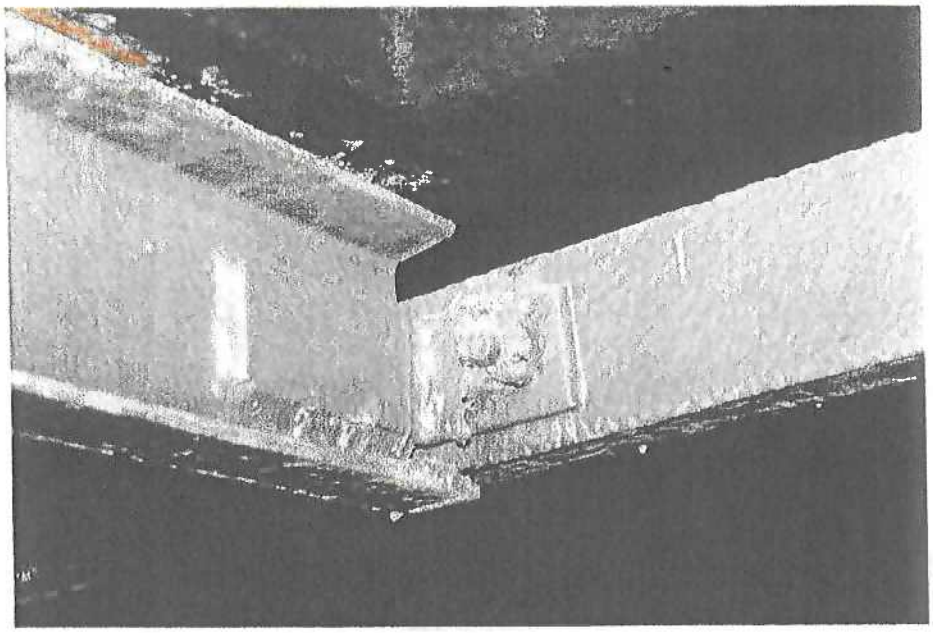
I-13 Same as Photo I-12, except at two other lateral braces.



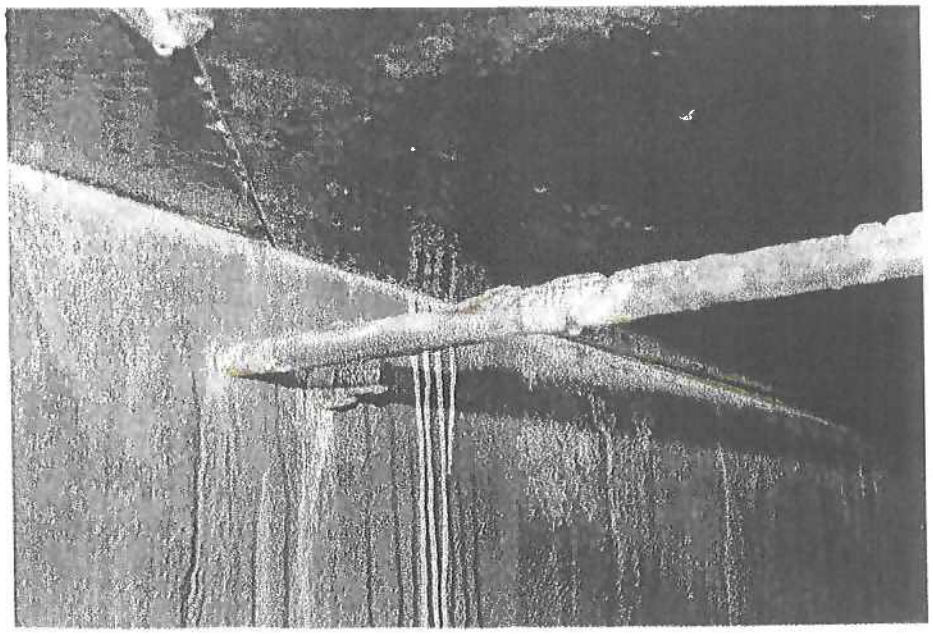
I-14 Close-up view of a lateral brace to rafter connection, illustrating the moderate to severe corrosion present.

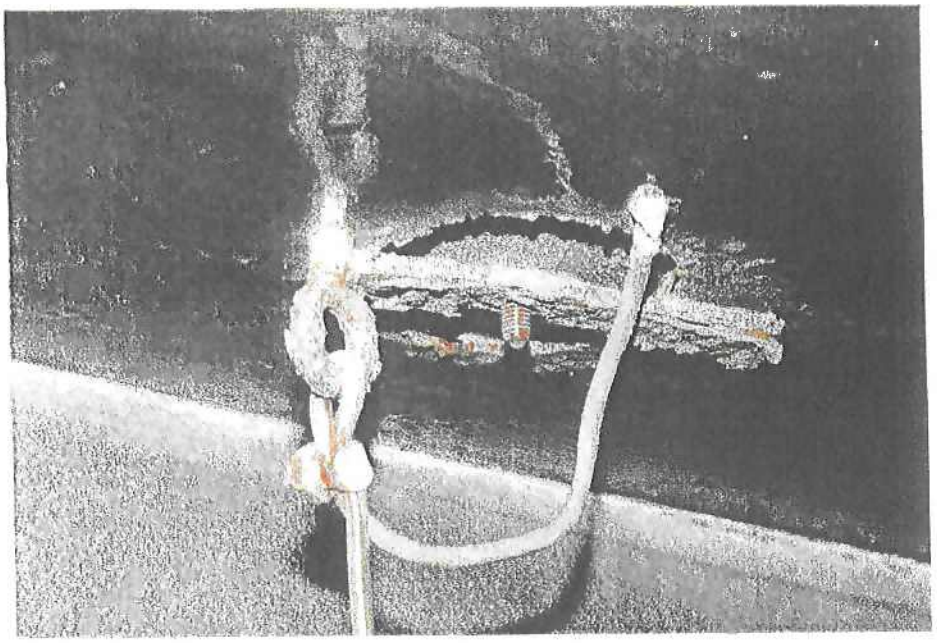


I-15 Same as Photo I-14, except at a different location.

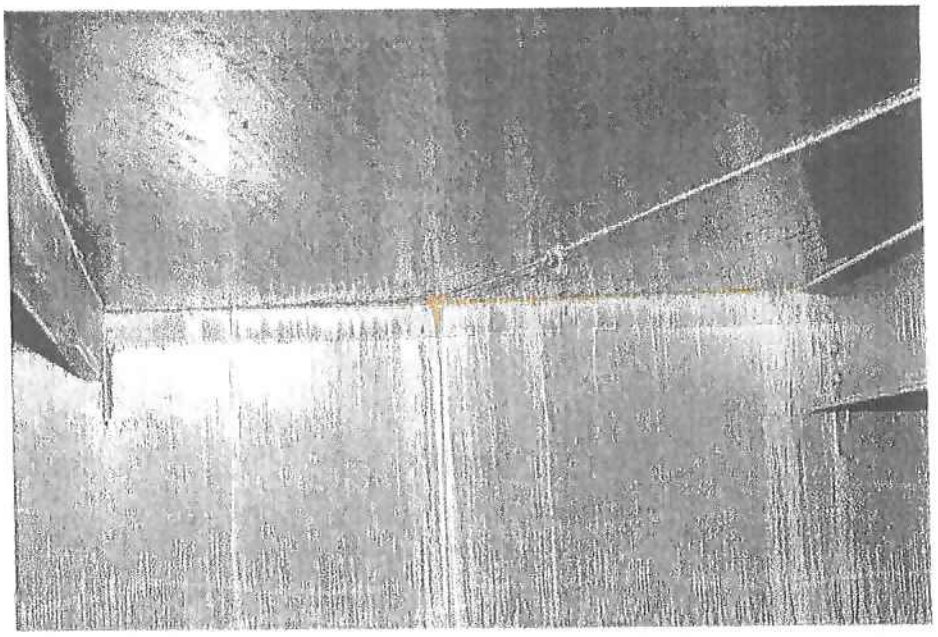


I-16 Close-up view of a tie-rod between rafters, illustrating the severe corrosion on the upper side of the tie-rod.

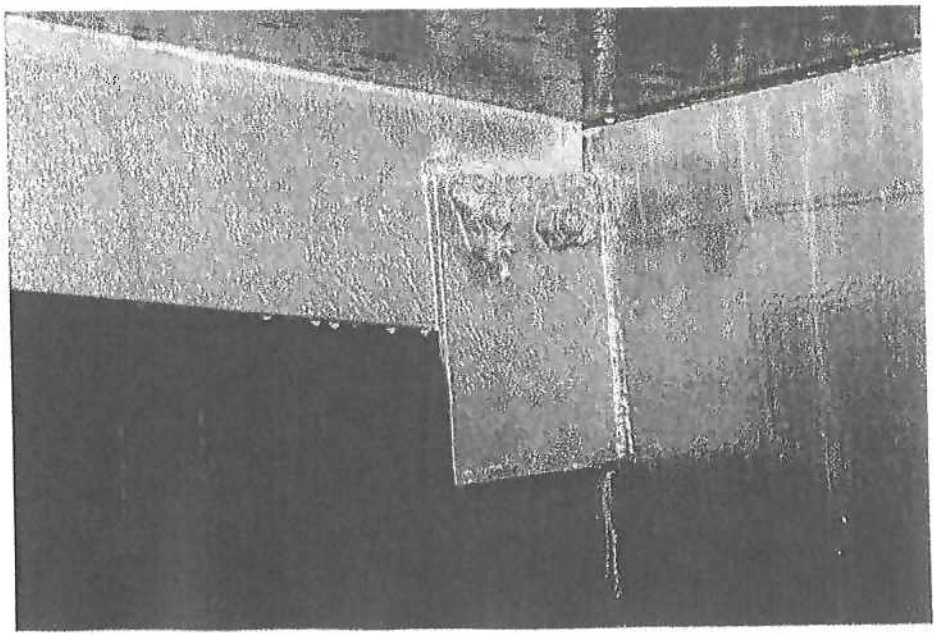




I-17 View of a cathodic protection handhole, illustrating severe corrosion at edges of the handhole and mounting hardware.

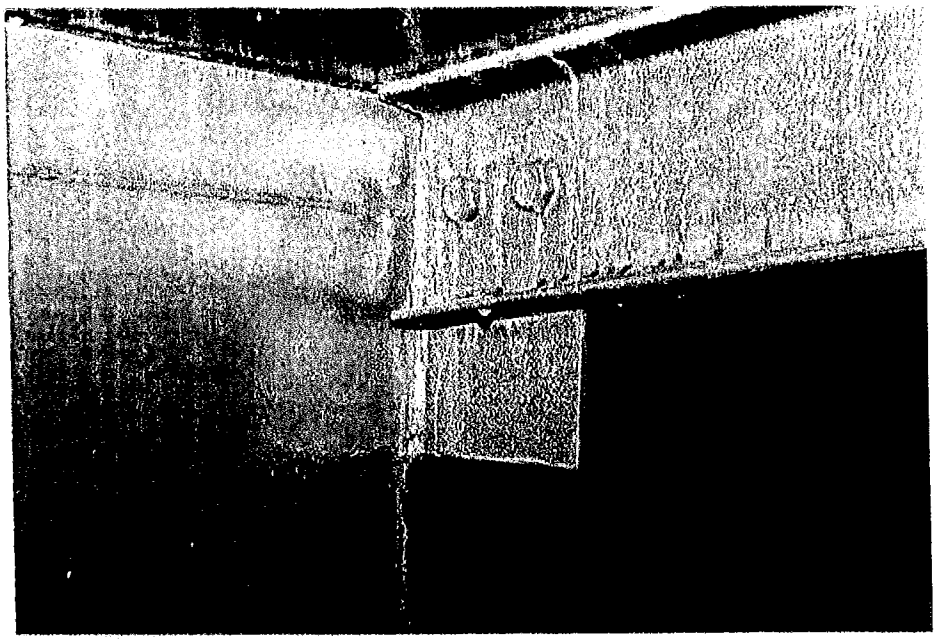


I-18 View of the roof to shell transition, illustrating moderate to severe corrosion at the transition and good condition of the coating on adjacent surfaces.

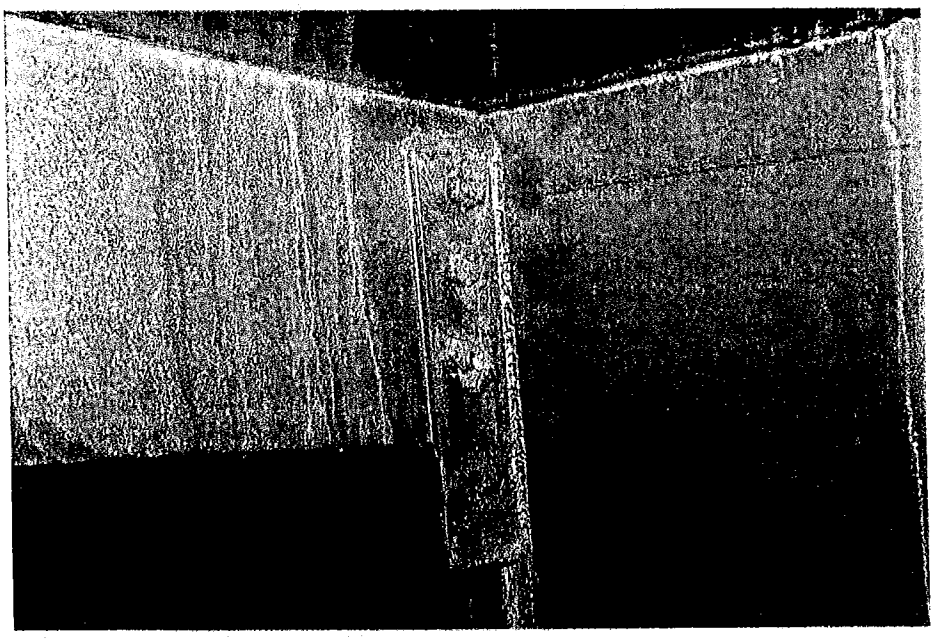


I-19 View of a rafter to shell connection, illustrating minor to moderate corrosion at the connection and nuts and bolts.

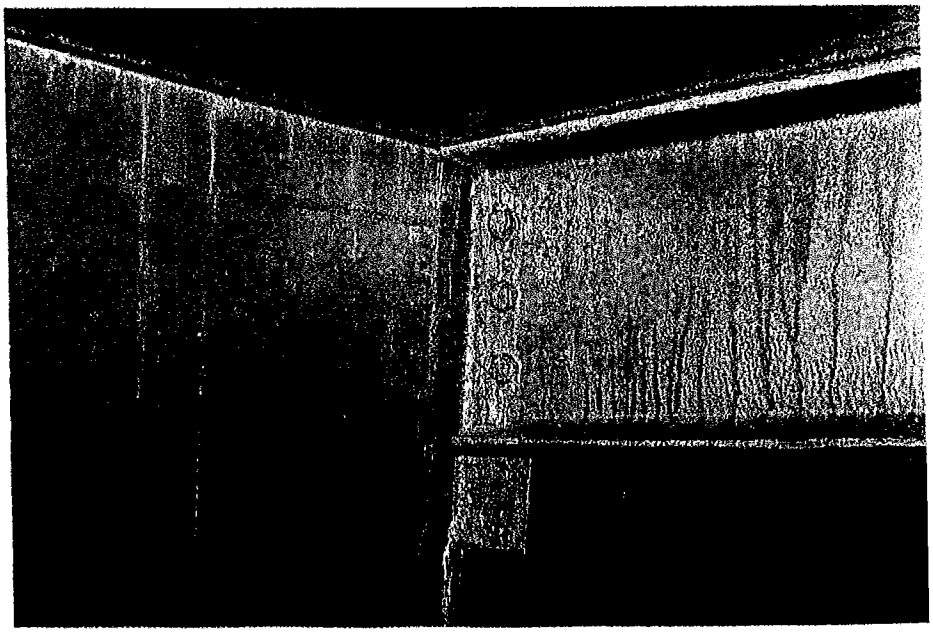
I-20 Same as Photo I-19, except at a different location.



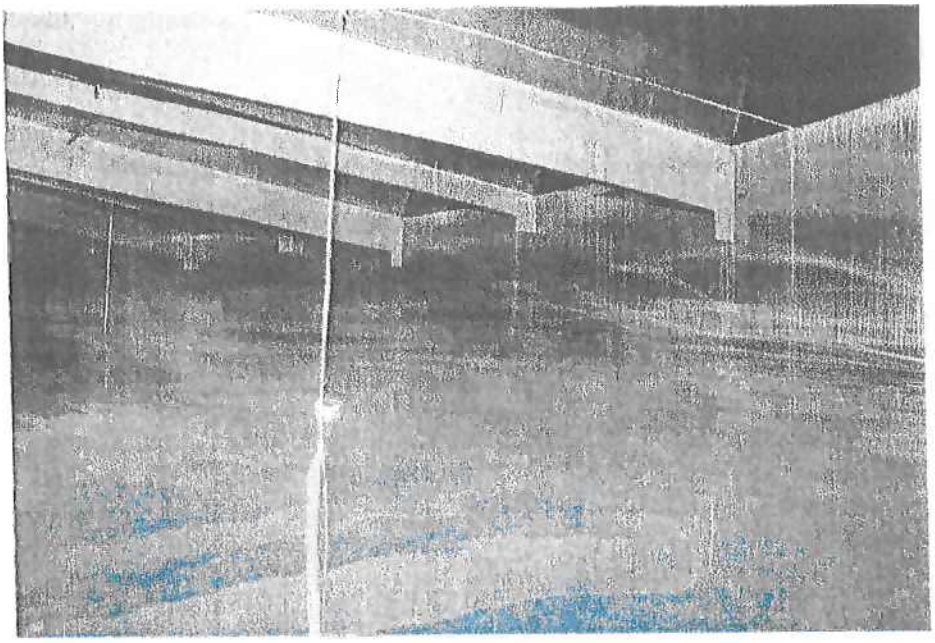
I-21 Same as Photos I-19 and I-20, except at a different location.



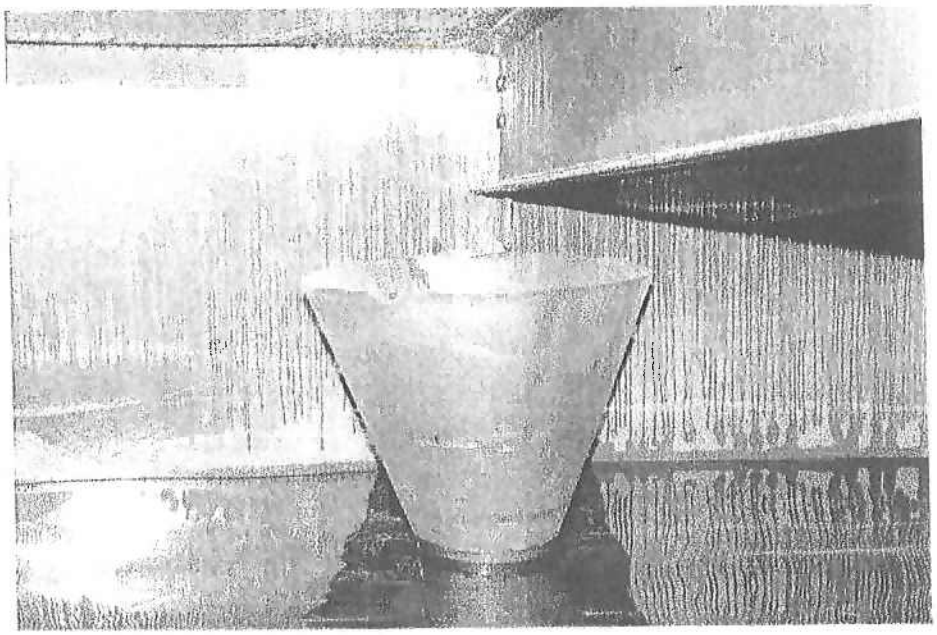
I-22 Same as Photos I-19 through I-21, except at a different location.



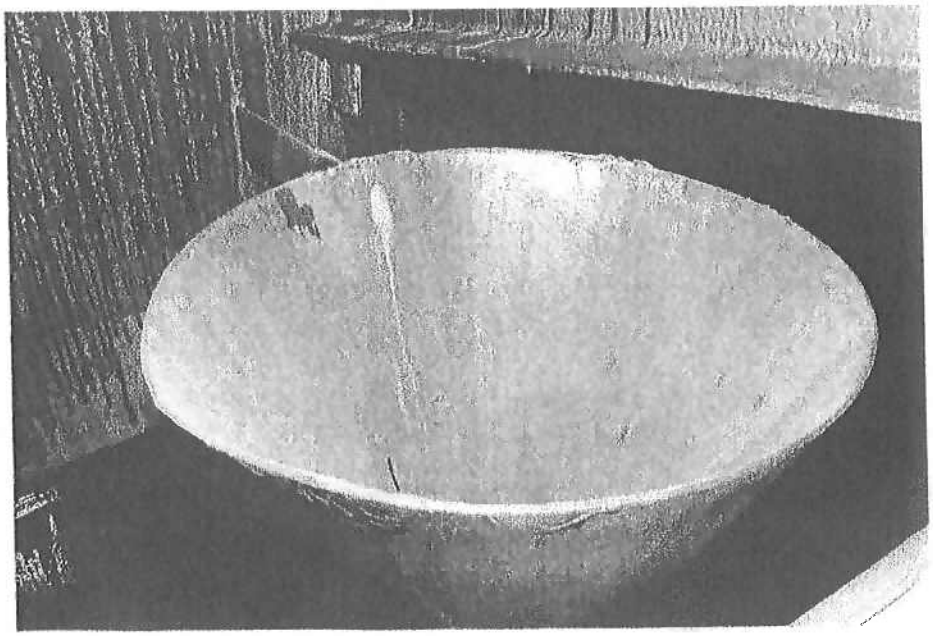
I-23 View of a portion of the shell above the water line, illustrating the generally fair to good condition of the coating system in this area.



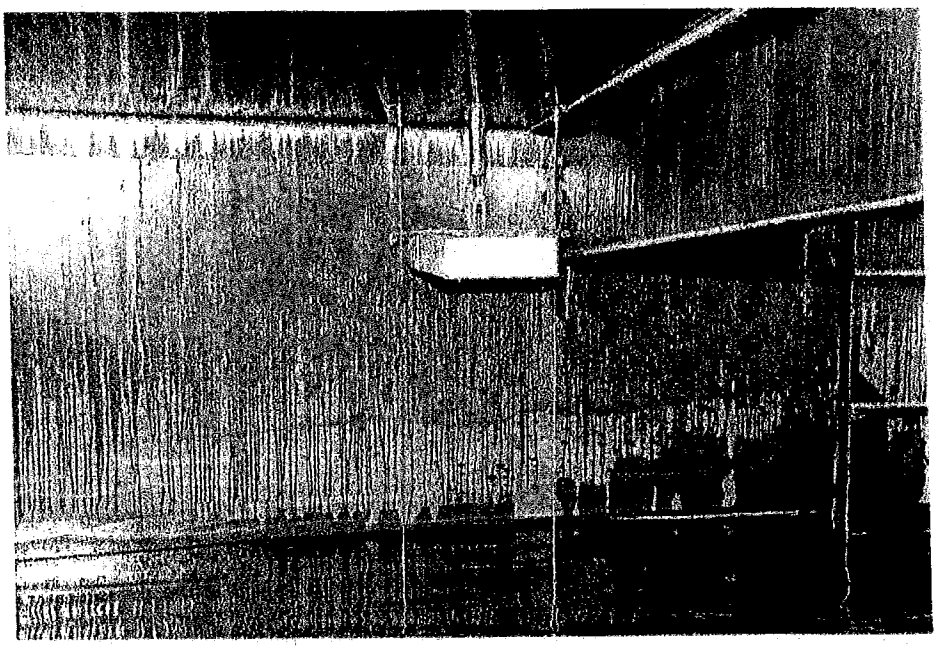
I-24 View of the overflow funnel, illustrating minor corrosion at the top edge of the funnel and otherwise good condition of the coating.



I-25 View of the interior surfaces of the funnel, illustrating the generally good condition of the coating system in this area.

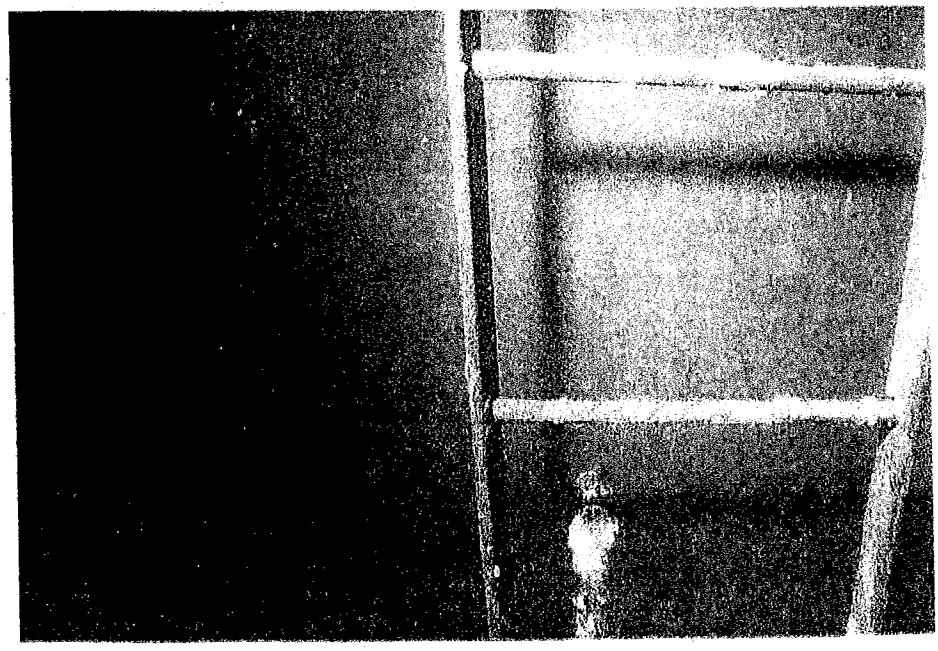


I-26 View of the liquid level indicator float and guide wires, illustrating the overall good condition of the components. Note the float is stuck above the water level.

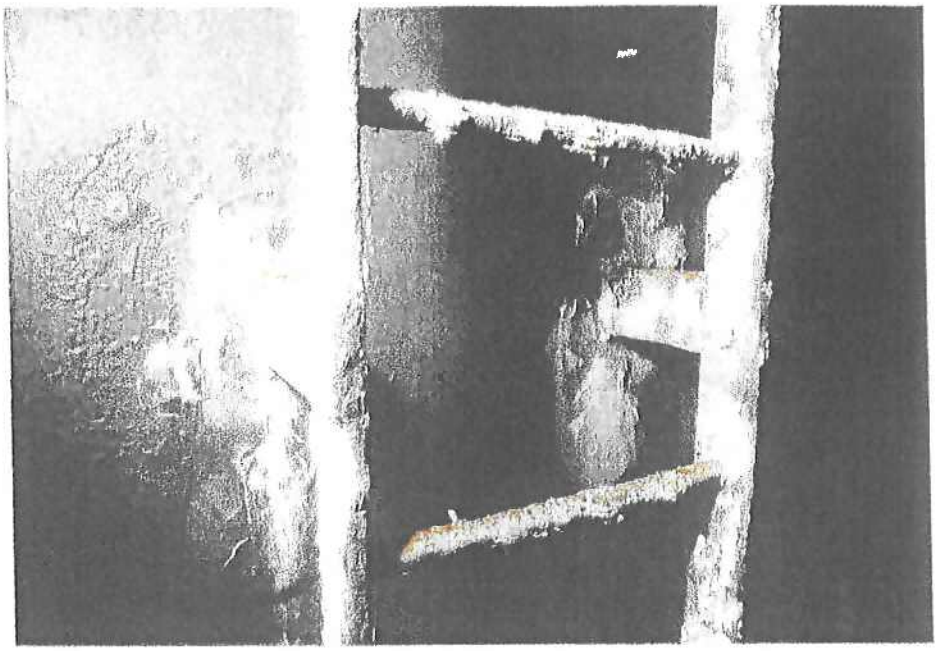


I-27 View of the interior ladder and stilling well, illustrating the generally good condition of the coating system in this area.

I-28 View of the ladder just below the water level, illustrating random corrosion and calcareous deposits on the ladder rungs and side rails.

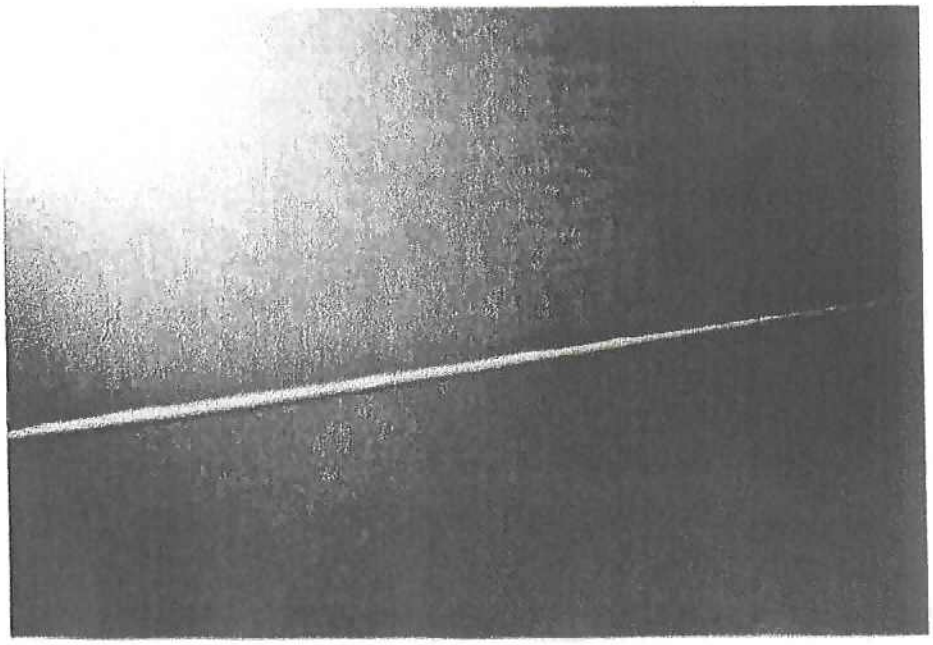


I-29 View of the ladder further down, illustrating moderate to severe blistering at the ladder bracing. Note calcareous deposits at the blisters, bracing and side rails.

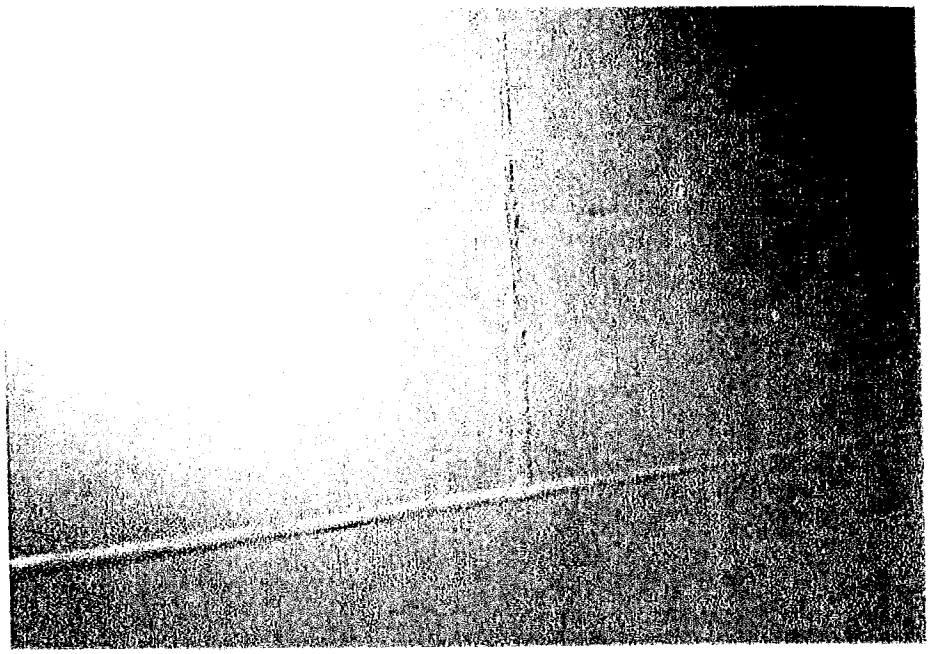


I-30 Same as Photos I-28 and I-29, except at the bottom of the ladder.

I-31 View of the second and third shell courses, illustrating the overall good condition of the coating system in this area.



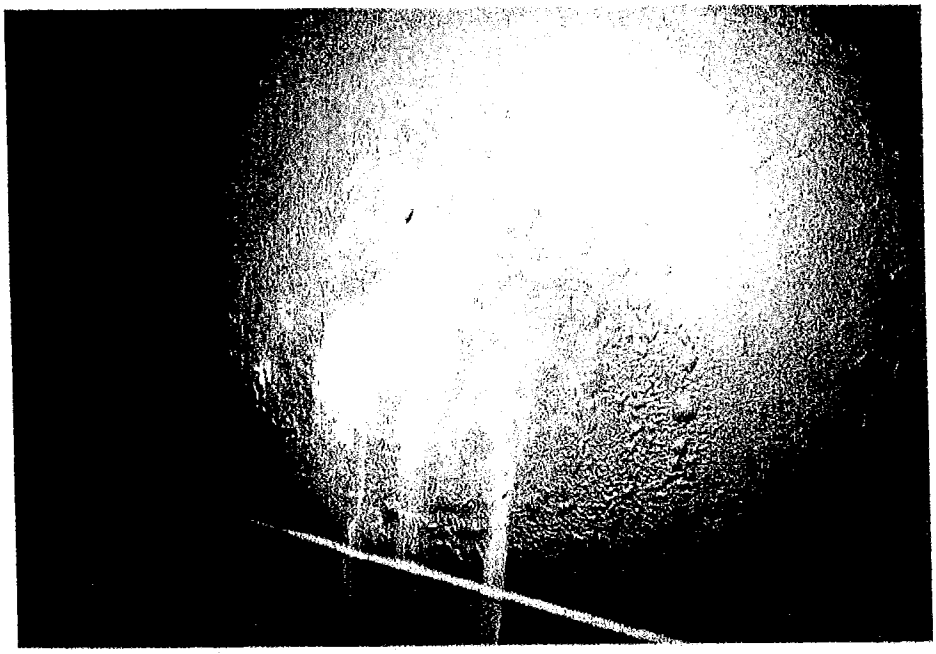
I-32 View of the second shell course at a vertical weld, illustrating good condition of the coal tar enamel and solvent cutback coating systems in this area.



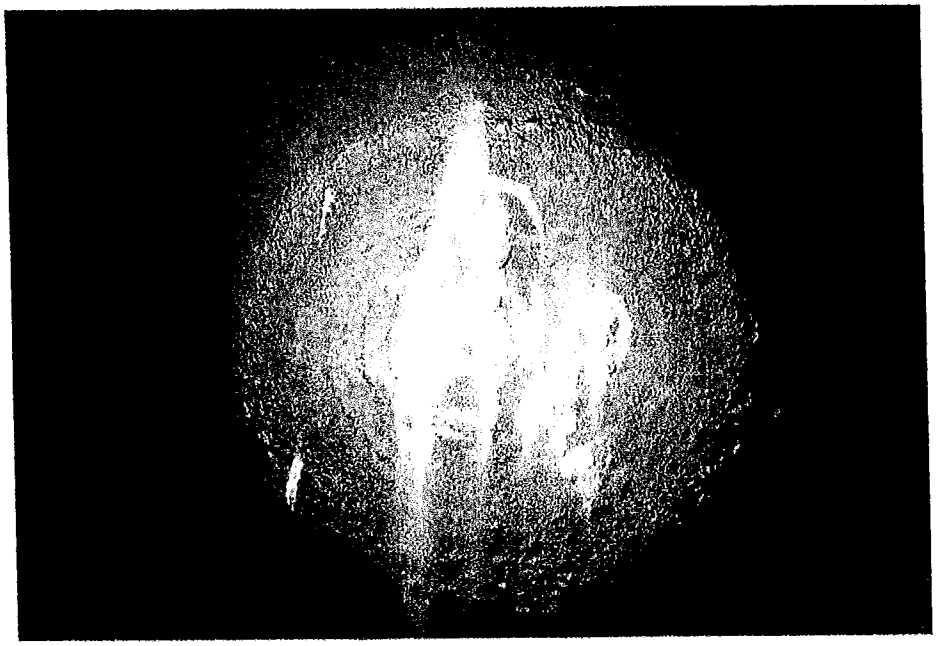
I-33 View of the coal tar enamel to solvent cutback coating transition, illustrating good condition of both systems in this area.

I-34 View of a small patched area on the shell, illustrating good condition of the patch and adjacent surfaces.

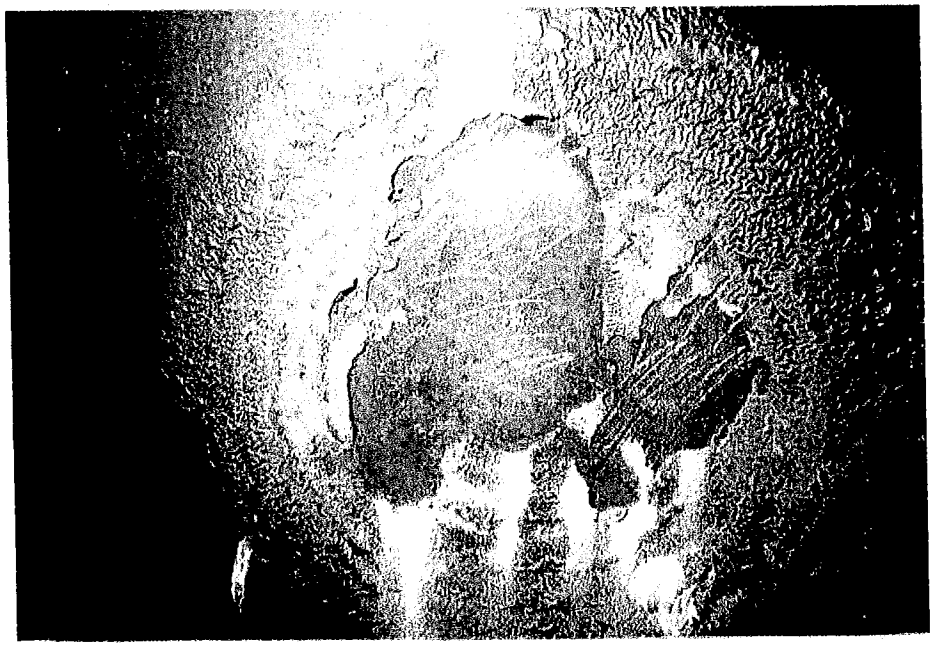
I-35 View of the shell, illustrating a circular pattern of blistering and calcareous deposits at the center of the circular area.



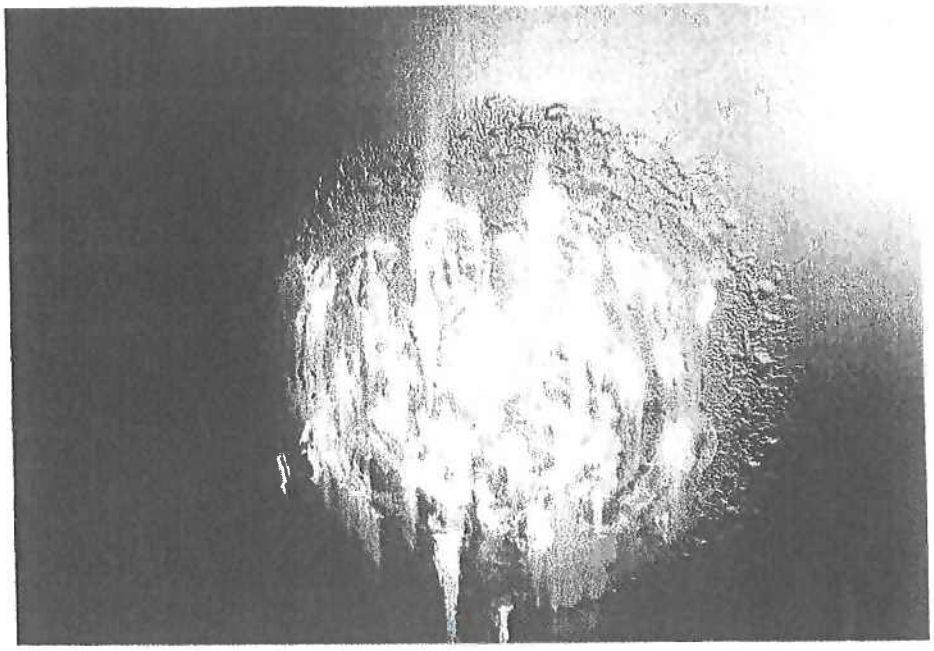
I-36 Same as Photo I-35, except at a different location.



I-37 Same as Photo I-36, except deficient coating has been removed to examine the substrate.

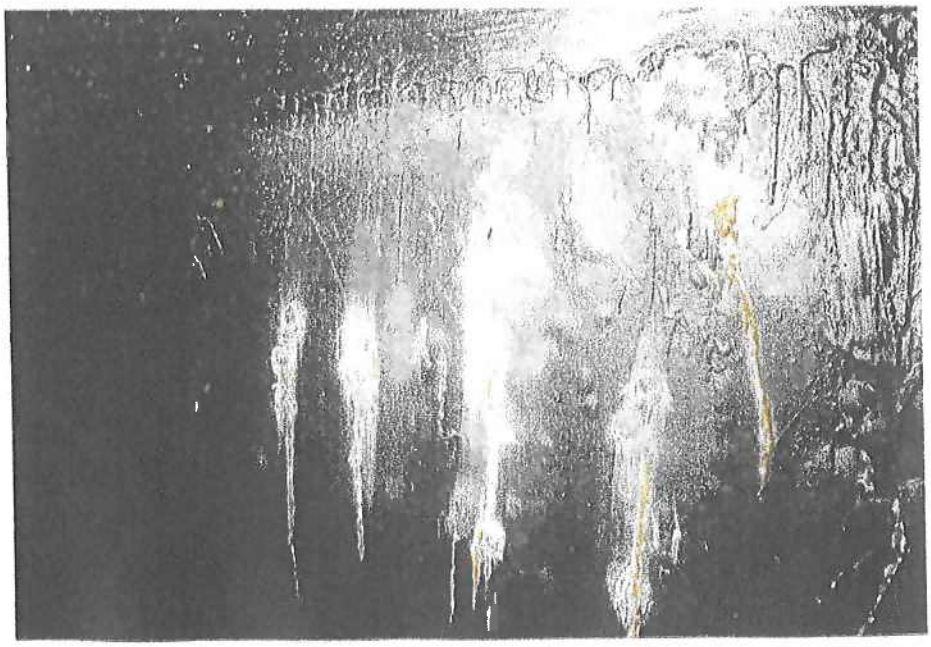


I-38 Same as Photos I-35 through I-37, except in a different location.

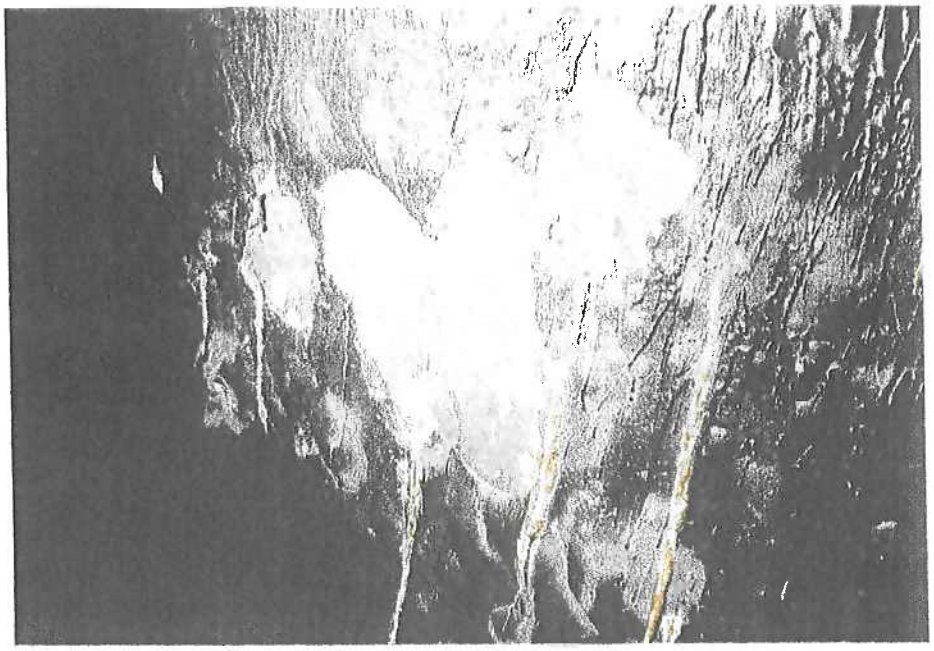


I-39 View of the lower shell course, illustrating severe blistering and calcareous deposits on all surfaces.

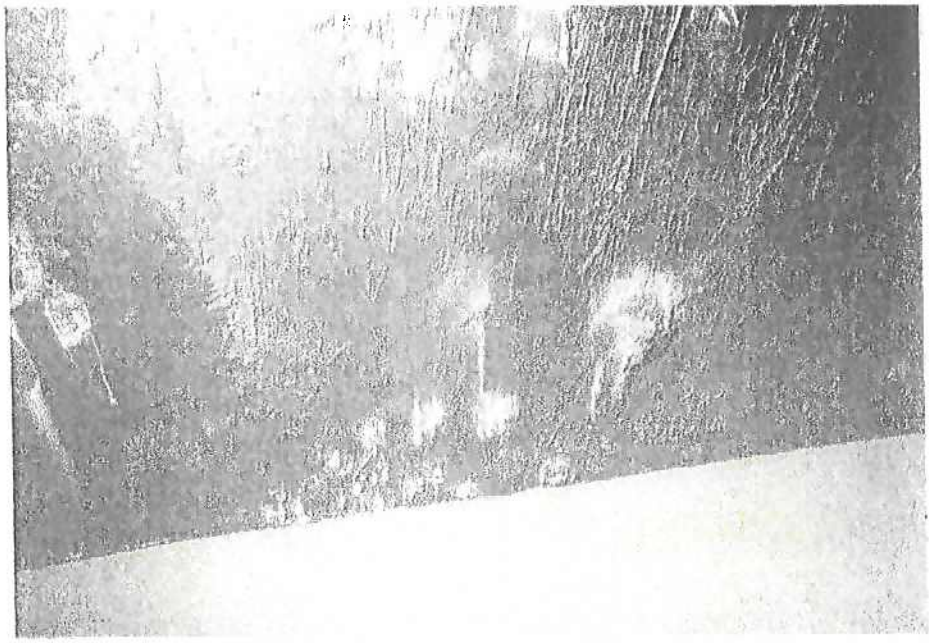
I-40 View of the lower shell course, illustrating random blistering and calcareous deposits present.



I-41 Same as Photo I-40, except in a different location.

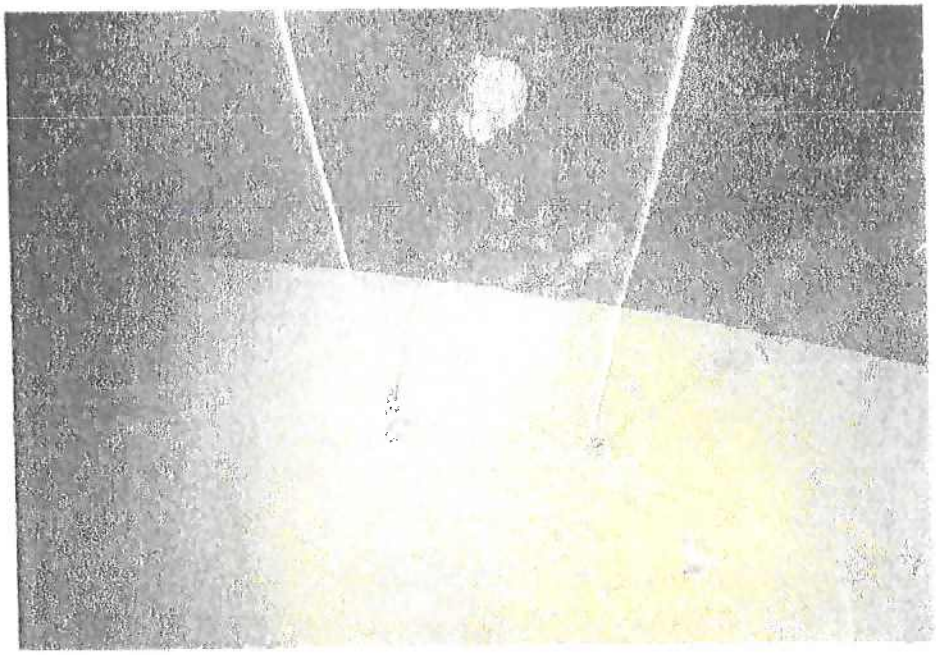


I-42 View of the shell to bottom transition, illustrating random large blisters and calcareous deposits present.

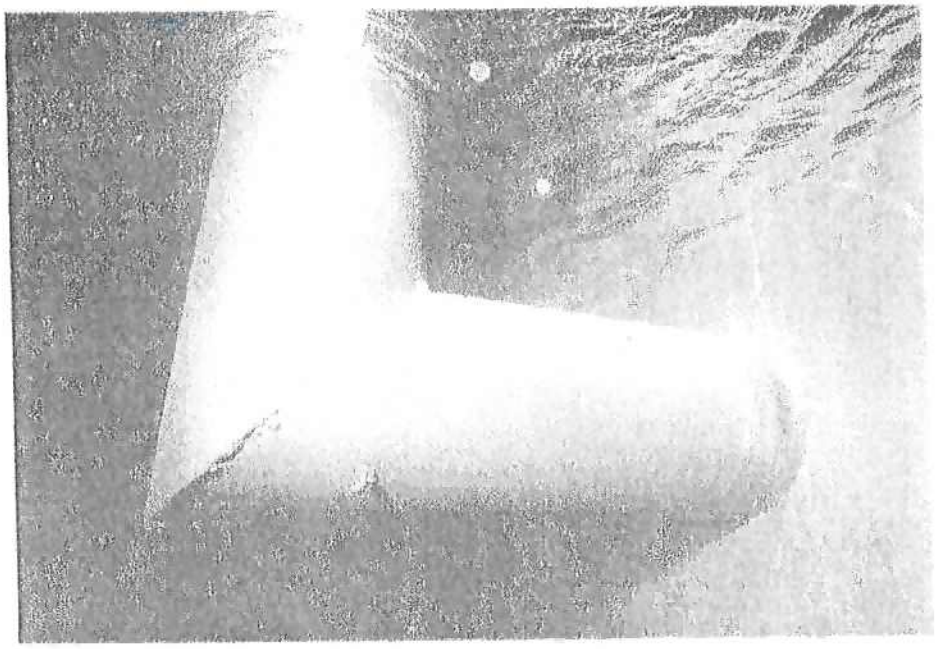


I-43 Same as Photo I-42, except in a different location.

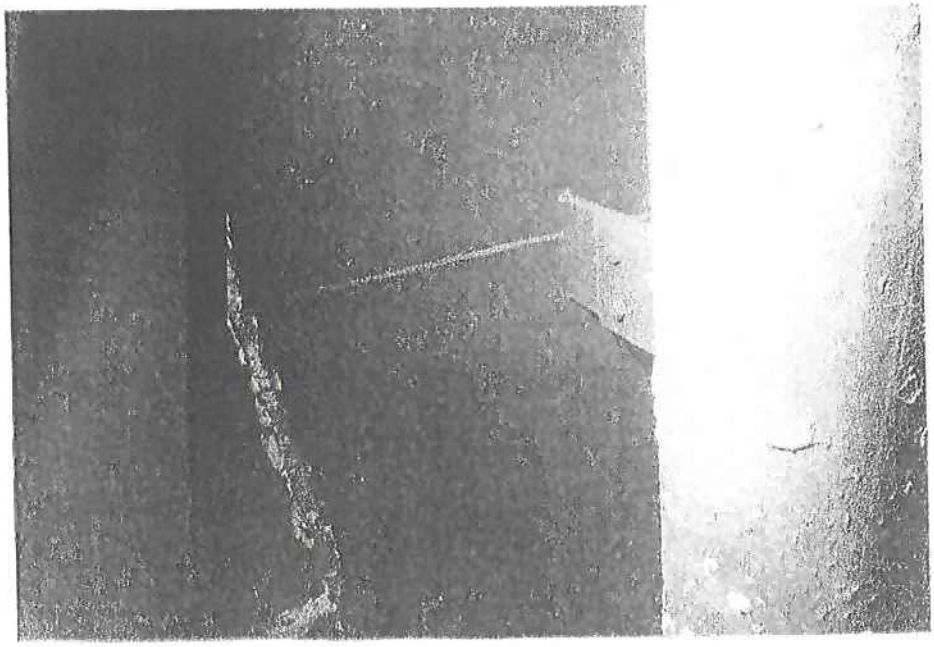
I-44 View of the liquid level indicator (LLI) base, illustrating calcareous deposits on the guide wires and random blistering on the shell behind the LLI.



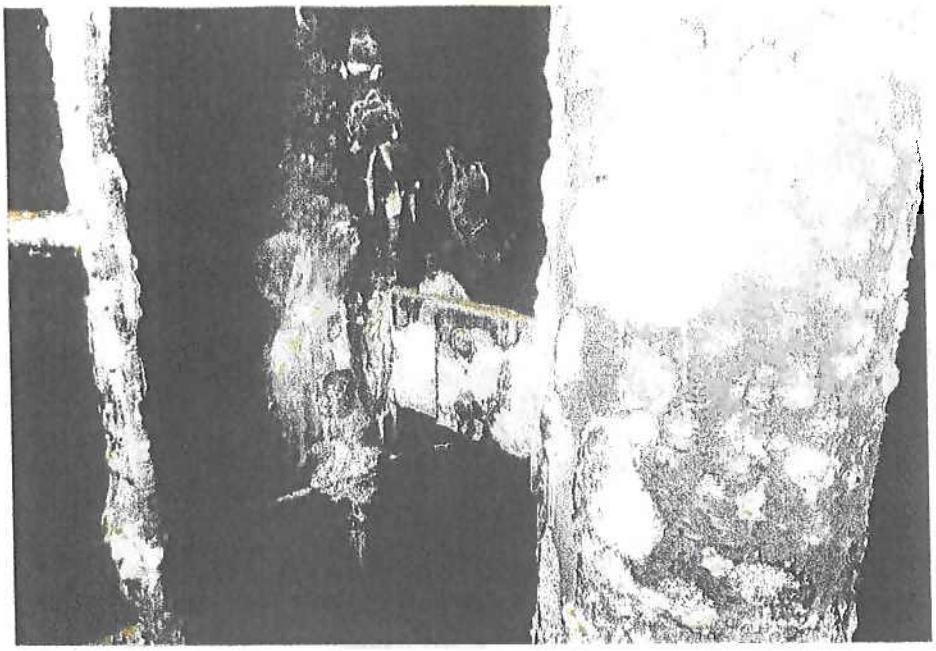
I-45 View of the overflow pipe just below the water line, illustrating a couple of spots of corrosion and otherwise good condition of the coating in this area.



I-46 View of the stilling well pipe, illustrating random blistering and calcareous deposits on the pipe.

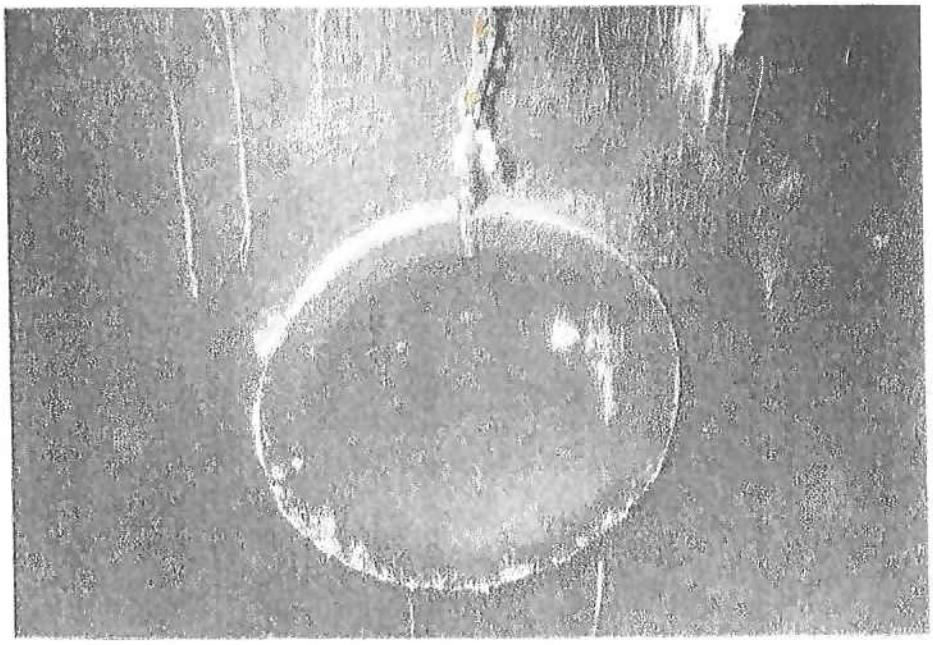


I-47 Same as Photo I-46, except further down the pipe.

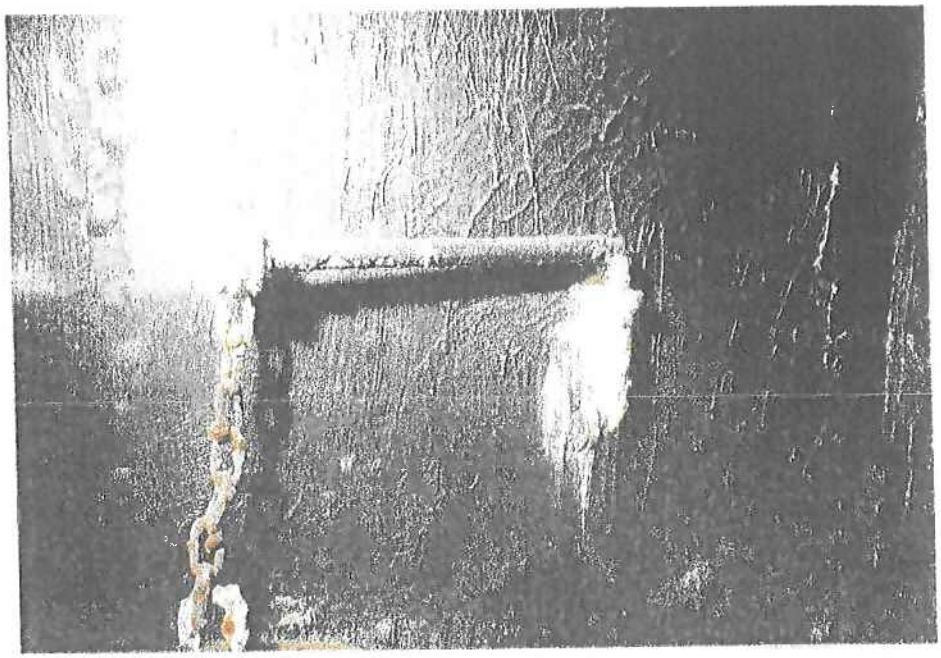


I-48 Same as Photos I-46 and I-47, except at the bottom of the pipe.

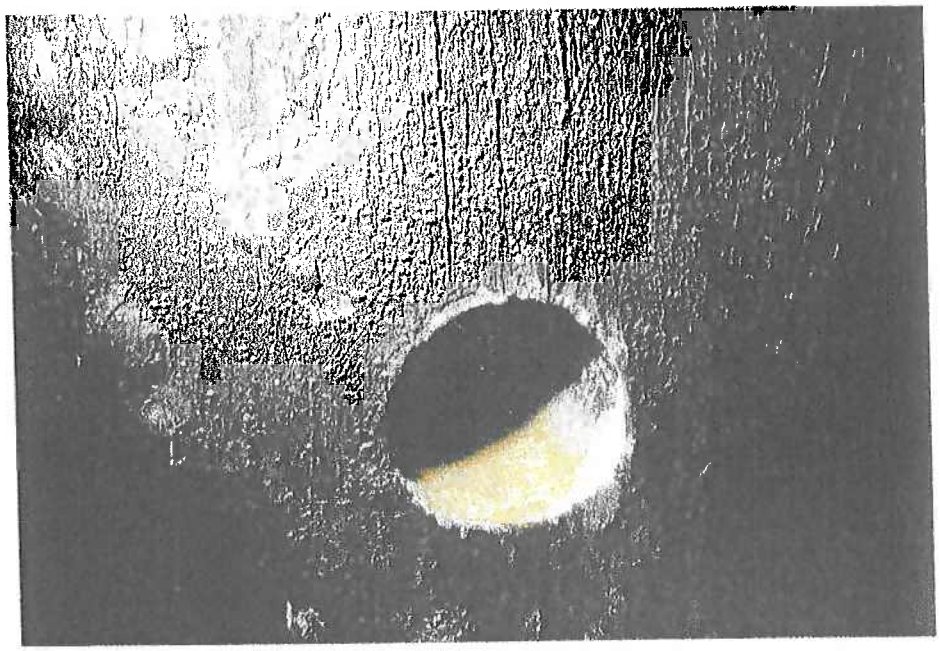
I-49 View of the manhole, illustrating random calcareous deposits on the manhole cover and hanger



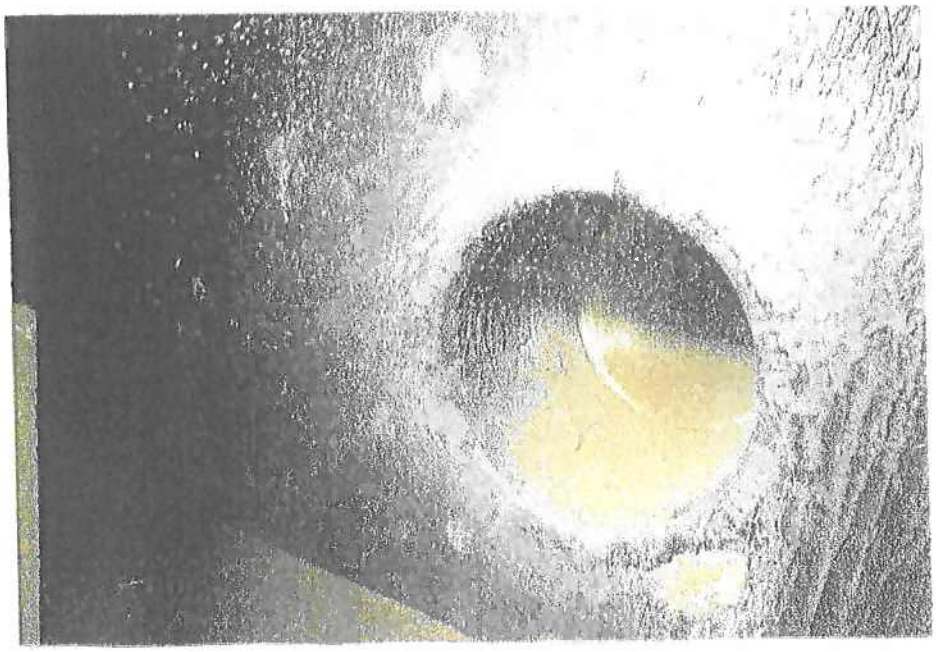
I-50 View of the manhole davit, hinge and chain hanger, illustrating severe corrosion on the chain and calcareous deposits on the davit and hinge.



I-51 View of a penetration in the lower shell, illustrating calcareous deposits at the circumference of the penetration and blistering on adjacent surfaces.



I-52 Same as Photo I-51, except in a different location.



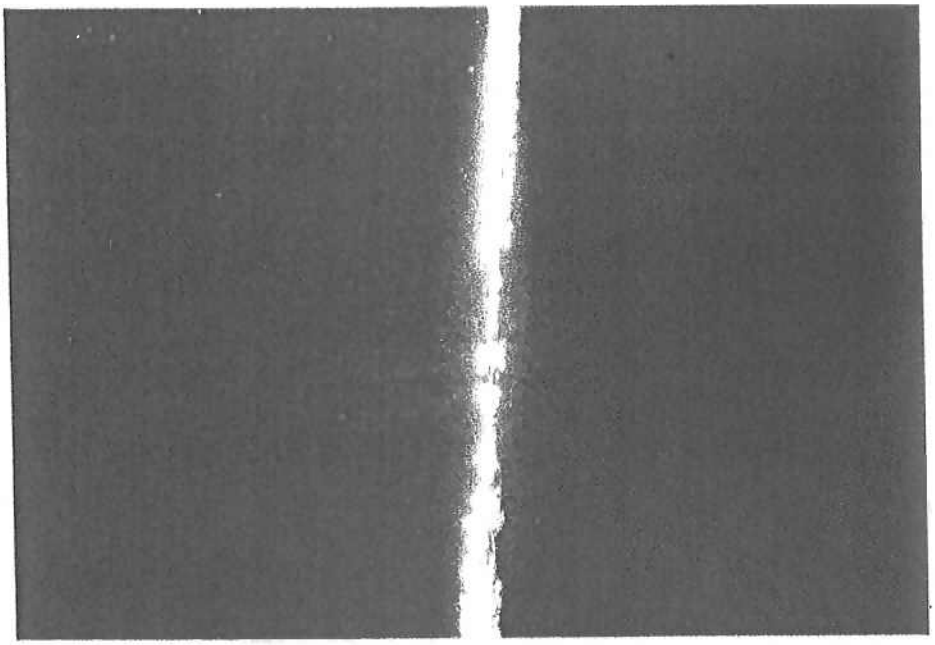
I-53 View of a small diameter penetration, illustrating calcareous deposits at the penetration and blistering on adjacent surfaces.

I-54 View of the column, illustrating severe blistering and calcareous deposits present.

I-55 Same as Photo I-54, except further down the column. Note large hole in the blister where the diver has popped the blister to examine the substrate.

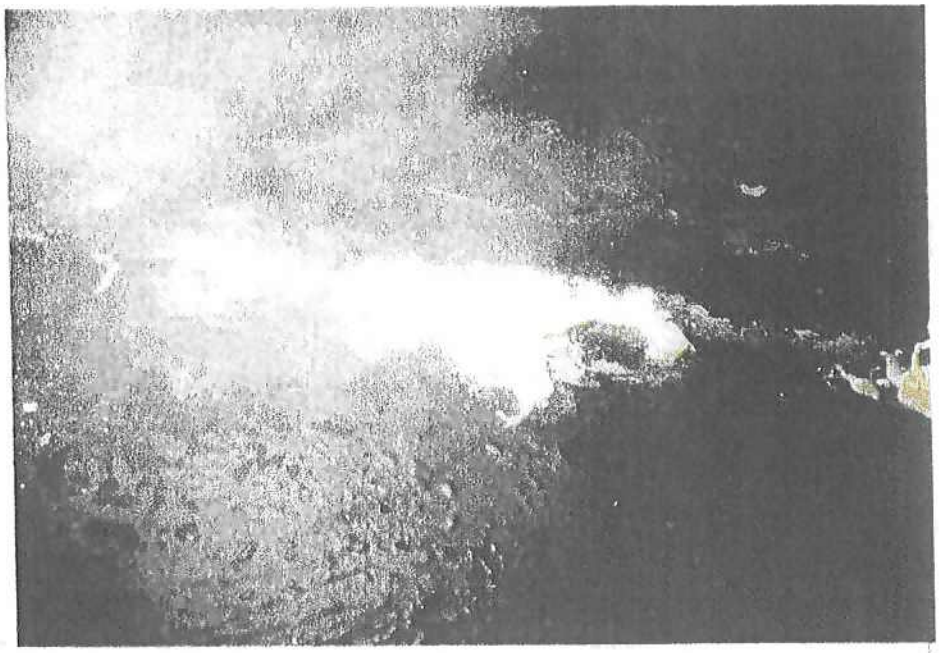
I-56 View of the column base, illustrating random calcareous deposits and heavy silt on adjacent surfaces.

I-57 View of a cathodic protection anode, illustrating severe deterioration of the anode.

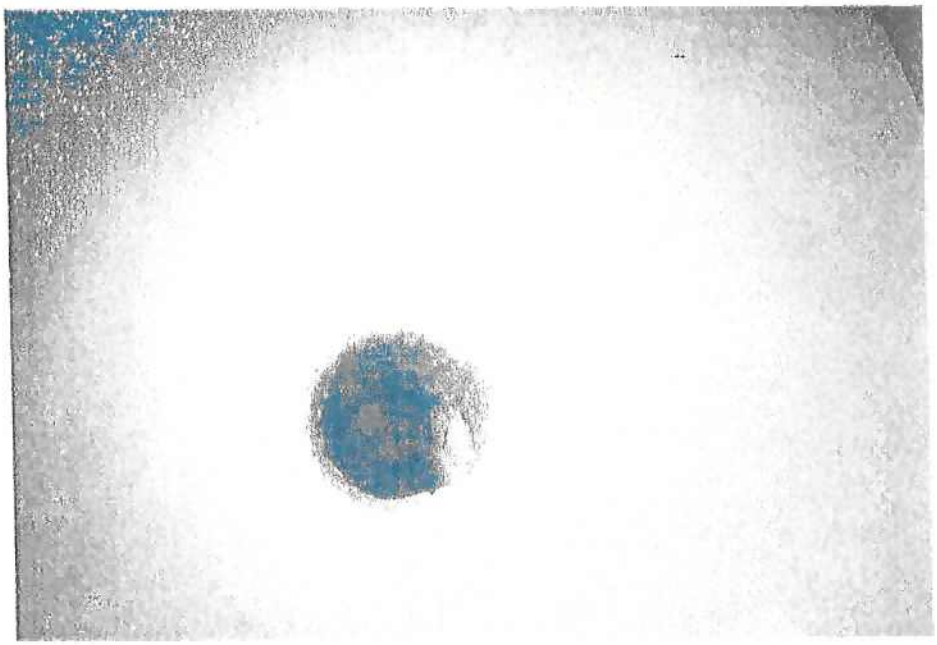


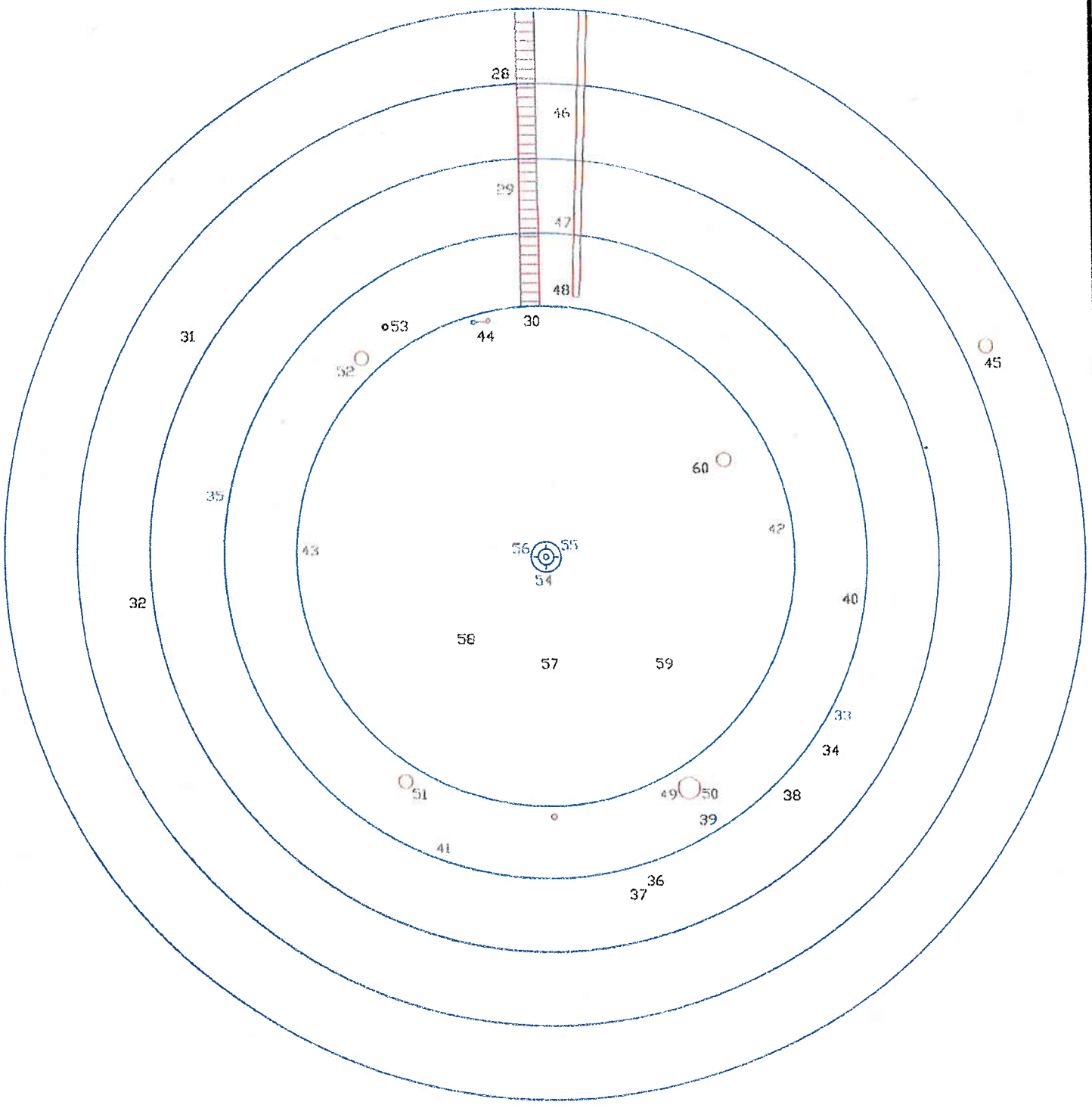
I-58 View of the bottom plates, illustrating random calcareous deposits in this area.

I-59 Close-up view of the bottom, illustrating an area of calcareous deposits present.



I-60 View of the drain, illustrating good condition of the coating on the interior surfaces of the drain and heavy silt on adjacent surfaces.





OWNER:
OTAY WATER DISTRICT

TITLE:	RESERVOIR:
UNDERWATER PHOTOGRAPH LOCATIONS	458-1

DRAWN BY:	SCALE:	DATE:
JAMES SPEARS	NONE	8/17/06

AGENDA ITEM 7

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008
SUBMITTED BY:	Daniel Kay DK Associate Civil Engineer	PROJECT/ SUBPROJECT:	R2081/ 001103 DIV. NO. 4
	Ron Ripperger Engineering Manager		
APPROVED BY: (Chief)	Rod Posada Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Award of a Construction Contract for the 20-Inch, 944 Zone, Lane Ave/Proctor Valley/Pond #1 Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards a construction contract to ARB Inc. (ARB) in the amount of $660,256 for the 20-Inch, 944 Zone, Lane Ave/Proctor Valley/Pond #1 Project. (See Exhibit A for project location.)

COMMITTEE ACTION: _____

Please see Attachment A.

PURPOSE:

To obtain Board authorization to award a construction contract to ARB for the 20-Inch, 944 Zone, Lane Ave/Proctor Valley/Pond #1 Project.

ANALYSIS:

The existing potable 20-Inch CML&C pipeline is located in Chula Vista and starts at the Use Area north of the Salt Creek Golf Course. It travels south to the intersection of Proctor Valley Road and Lane Avenue, where it is connected to a 24-Inch PVC 980 pressure zone pipe (see Exhibit A).

Currently the existing 20-Inch pipeline is a potable water line that supplies the 980 Zone Reservoirs. A 30-Inch potable CML&C

transmission main has recently been constructed that also feeds the 980 Zone Reservoirs. Because of the capacity of the 30-Inch transmission main, the 20-Inch potable line is no longer needed for potable supply to the 980 Pressure Zone. Therefore, the 20-Inch line will be converted to a recycled water line to supplement the current recycled water demand as well as provide additional supply for future demand.

At the Proctor Valley/Lane Avenue intersection, the existing 20-Inch pipe will be disconnected from the 980 Pressure Zone and connected to a 16-Inch PVC recycled line. The 20-Inch pipeline will also be disconnected from other potable mains along the alignment up to the use area. There are eleven (11) different areas along the alignment, most of which are on or near the Salt Creek Golf Course that will require a disconnection, or re-connection of water mains to make the conversion successful. The work also requires the installation of flow meters to monitor the amount of flow going in and out of the recycled water reservoirs. RBF Consulting, the District's consultant, designed the project and developed the bid documents. The project was advertised for bid on the District's website and several other publications, including the San Diego Union Tribune and San Diego Daily Transcript.

A non-mandatory Pre-Bid Meeting was held on 11/14/07. A presentation was given by the District's Staff to explain the project and discuss any questions or concerns from the contractors. There were eight (8) contractors that attended the meeting and meeting minutes were published.

Subsequently, one addendum was sent out to all bidders and planhouses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on December 4, 2007. Ten (10) bids were received with one Bid from Dietrich Corporation being 3 minutes late. That bid was rejected and returned to Mr. Dietrich. The following are the bid results:

CONTRACTOR	TOTAL BID AMOUNT
1 ARB	$660,256
2 CCL CONTRACTING INC.	$718,200
3 PREMIERE PIPELINE CONSTRUCTION	$731,721
4 SOUTHWEST CIVIL CONTRACTING INC.	$759,000
5 BURTECH PIPELINE INC.	$850,000
6 BRH GARVER WEST INC.	$873,900
7 T.C. CONSTRUCTION INC.	$894,890
8 ZONDIROS CORPORATION	$897,980
9 WEIR CONSTRUCTION CORPORATION	$1,008,479
10 ARRIETA CONSTRUCTION INC.	$1,101,233

The Engineer's Estimate was $1,000,330.

The evaluation process included reviewing all bids submitted for conformance to the contract documents. The lowest bidder, ARB, submitted a responsible bid and holds a Class A Contractors license which expires on March 31, 2009.

References were checked and ARB was found to be a highly rated company. Staff also verified that it can comply with the bonding requirements for this project. Per the public competitive bidding process, Staff is recommending the award of a construction contract to ARB in the amount of $660,256.

FISCAL IMPACT:

The total budget for CIP R2081, as approved in the FY 2008 budget, is $1,242,000. Total expenditures, plus outstanding commitments and forecast, are $1,111,819. See Attachment B for budget detail.

Based on a review of the financial budget, the Project Manager has determined the budget will be sufficient to support this project. Finance has determined that 100% of the funding is available from the Expansion Fund.

STRATEGIC GOAL:

This project supports the District's Mission Statement, "To provide safe, reliable water, recycled water and wastewater services to our community in an innovative, cost efficient water wise and environmentally responsible manner", as well as the General Manager's vision, "...prepared for the future..." by guaranteeing the District will always be able to meet future water supply obligations and plan, design and construct new facilities.

LEGAL IMPACT:

None.

General Manager

DK/HJ/RP:jf

P:\WORKING\CIP R2081\Staff Reports\Staff Report-Construction.doc

Attachments: Attachment A
Attachment B
Exhibit A

ATTACHMENT A

SUBJECT/PROJECT: R2081/001103	Award of a Construction Contract for the 20-Inch, 944 Zone, Lane Ave/Proctor Valley/Pond #1 Project

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B

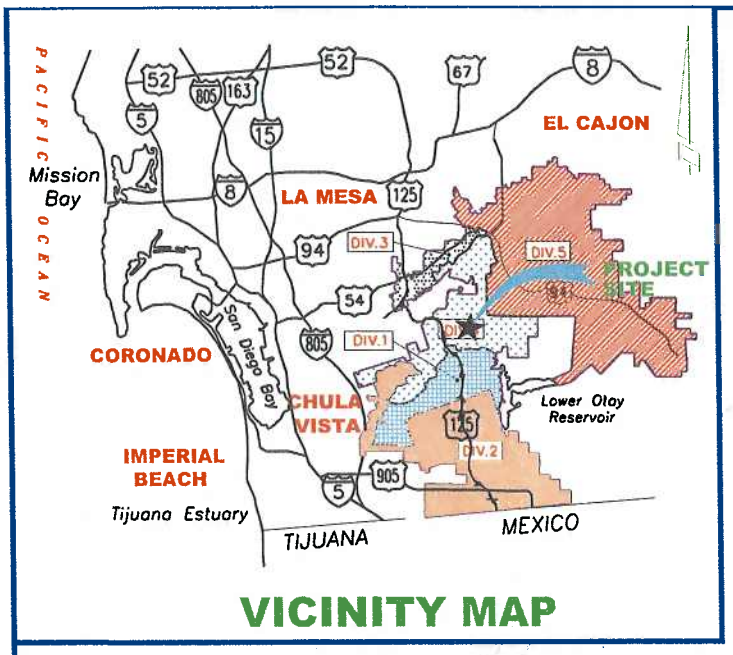
SUBJECT/PROJECT: R2081/001103	Award of a Construction Contract for the 20-Inch, 944 Zone, Lane Ave/Proctor Valley/Pond #1 Project

Otay Water District

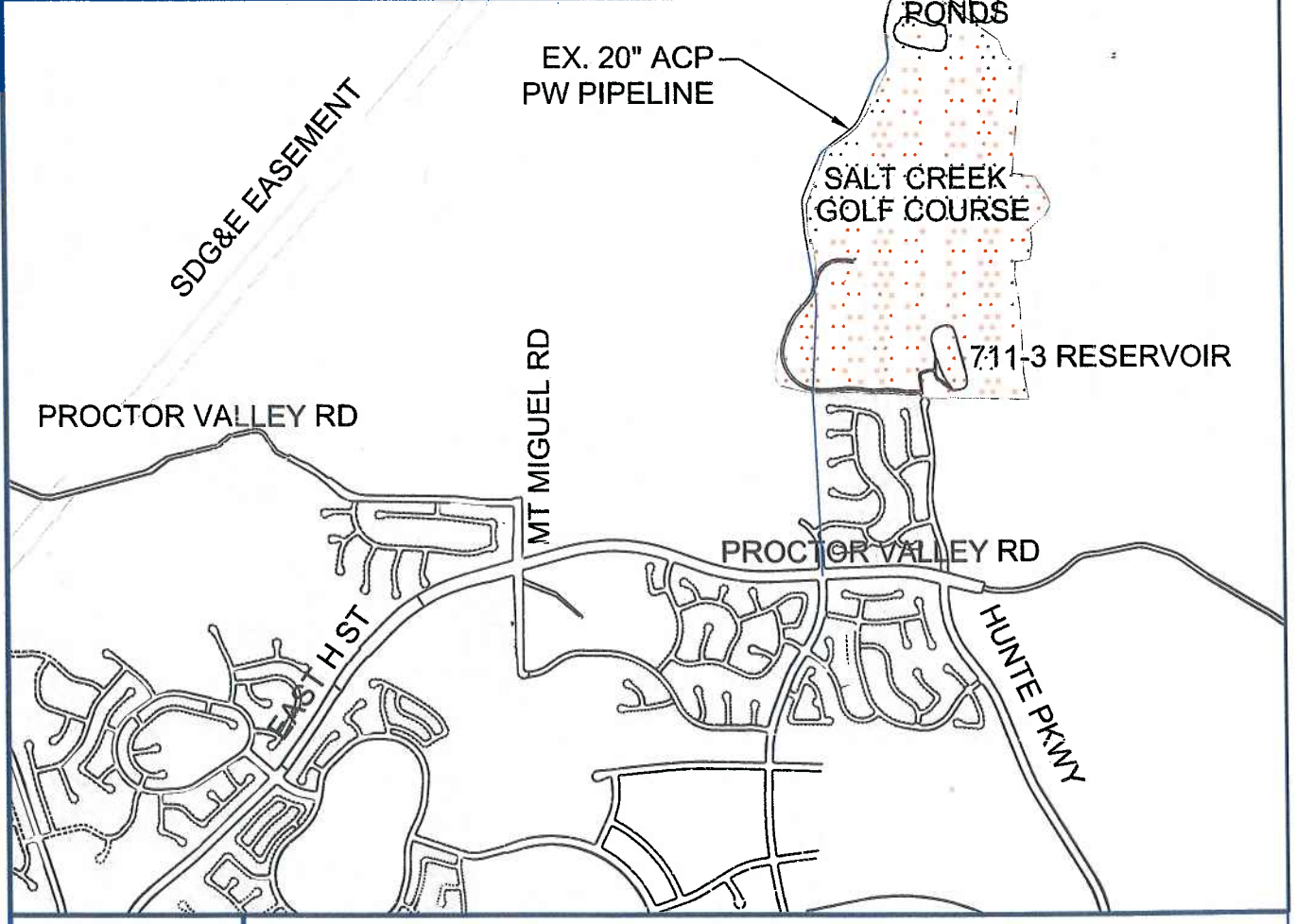
R2081- RecPL - 20-Inch, 944 Zone, Lane Avenue -

Date Updated: December 03, 2007

Budget $1,290,000	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor / Comments
Planning					
Labor	28,975	28,975		28,975	
Subcontract			-	-	
Materials			-	-	
Temporary Labor			-	-	
Consultant Contracts			-	-	
Outside Services			-	-	
			-	-	
			-	-	
Service Contracts			-	-	
Other Agency Fees			-	-	
			-	-	
Total Planning	$ 28,975	$ 28,975	$ -	$ 28,975	
Design					
In House/Labor	101,128	101,128		101,128	
In House/Labor (future)	-	-	-	-	
Consultant Contracts	44,785	40,307	4,478	44,785	RBF CONSULTING
	5,000	5,000	-	5,000	INFRASTRUCTURE ENGINEERING
Mileage	15	15	-	15	PETTY CASH CUSTODIAN
Materials	393	393	-	393	CW MACGRATH
Contracted Services	8,365	8,365	-	8,365	KIRK PAVING INC
			-	-	
Service Contracts			-	-	
			-	-	
			-	-	
Advertising/Bid			-	-	
Settlement/Easement			-	-	
Total Design	$ 159,686	$ 155,208	$ 4,478	$ 159,685	
Construction					
In House/Labor	100,000	-	100,000	100,000	
Other Agency Fee	50	50	-	50	PETTY CASH CUSTODIAN
Service Contracts	2,732	1,228	1,504	2,732	OCB REPROGRAPHICS
Advertising	69	69	-	69	SAN DIEGO DAILY TRANSCRIPTS
Contracted Services	660,256		660,256	660,256	ARB INC.
Contingency	132,051		132,051	132,051	
			-	-	
Accpt/close-out	28,000		28,000	28,000	
Total Construction	$ 923,159	$ 1,347	$ 921,811	$ 923,159	
Grand Total	**$ 1,111,819**	**$ 185,530**	**$ 926,289**	**$ 1,111,819**	



VICINITY MAP



OTAY WATER DISTRICT

REC-PL 20-INCH, 944 ZONE,

LANE AVE – PROCTOR VALLEY/POND NO. 1

PROJECT R2081 LOCATION MAP

EXHIBIT A

P:\WORKING\CIP R2081\Graphics\Exhibits-Figures\R2081 PDR Figure 1-1 Location Map.dwg 7/26/2006 8:08:44 AM PST

AGENDA ITEM 8

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2008
SUBMITTED BY:	Ron Ripperger Engineering Manager	PROJECT No./ SUBPROJECT:	P1210/ 023000 DIV. NO. ALL
	Meryll Gonzalez Assistant Civil Engineer		
APPROVED BY: (Chief)	Rod Posada Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Award of a Professional Engineering Planning Services Contract to Westin Engineering for the Asset Management Plan Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board awards a professional engineering planning services contract to Westin Engineering (Westin) for the Asset Management Plan (AMP) Project, and to authorize the General Manager to execute an agreement with Westin in an amount not to exceed $194,280.

COMMITTEE ACTION: _____

Please see Attachment A.

PURPOSE:

That the Board authorizes the General Manager to enter into a professional engineering planning services agreement with Westin in an amount not to exceed $194,280 for the development of the Asset Management Plan project.

ANALYSIS:

The District provides water, wastewater, and reclaimed water services to communities in southern San Diego County. Proper management of assets providing these services is essential to keeping costs under control and minimizing problems. The AMP project will develop and provide long-term financial planning and

analysis of the District's water, wastewater, and recycled water facilities for the efficient and effective operation and maintenance (O&M) of these facilities.

This AMP project will establish the vision, mission, objectives, and approach for an Asset Management Program that will guide the District in optimizing future renewal, replacement, and improvement needs. As the area served by the District approaches build-out, this AMP will become critically important to helping the District plan the transition in financial, engineering, operational, and management needs from a capital-intensive to an O&M-intensive program.

To address these challenges, the District requires the services of a professional engineering consulting firm to develop and manage an implementable AMP that will balance the District's needs and requirements for performance, reliability, and total life-cycle costs.

The scope of work for the AMP project consists of the following tasks: 1) Program Management & Administration; 2) Vision, Mission, Objective, and Implementation Strategy; 3) Asset Inventory; 4) Prioritize System Assets; 5) Asset Valuation Method and Criteria; 6) Existing Asset Condition Assessment; 7) Asset Valuation; 8) Life Cycle Costs; 9) Financial Evaluation; 10) Asset Management Plan; 11) Replacement & Renewal Capital Improvement Plan; 12) Asset Management Plan Report.

In accordance with Policy 21, the District solicited Professional Engineering Planning Services from consulting firms by placing an advertisement on the District's website and several other publications including the Union Tribune and San Diego Daily Transcript.

Seventeen (17) firms submitted a letter of interest and a statement of qualifications. The Request for Proposal (RFP) for Professional Engineering Planning Services was sent to all seventeen firms resulting in six (6) proposals received on November 13, 2007 from the following consulting firms:

CONSULTING FIRMS	PROPOSED FEE
PBS&J	$185,658
Westin Engineering	$194,280
Op X Consulting, LLC	$198,700
Carollo Engineers	$199,809
CDM	$261,190
GHD Inc. / MARRS Services Inc.	$356,859

The Engineer's Estimate was $190,000.

The nine (9) firms that chose not to propose were: Black & Veatch; Dudek Engineering & Environmental; Harris & Associates; DBE Psomas; Red Oak Consulting; RBF Consulting; RMC Water & Environment; Stantec; and Technology Associates International Corporation.

The consultant selection panel comprised of six (6) District staff. Staff evaluated and scored all written proposals. Westin received the highest score for their services based on their experience, proposed method to accomplish the work, and their ability to complete projects on schedule. References for Westin were checked and received high ratings. A summary of the complete evaluation is shown in Attachment B.

FISCAL IMPACT:

The total operating budget for Project P1210-023000, as approved for the Fiscal Year 2008 budget, is $150,000. An additional $250,000 will be budgeted in Fiscal Year 2009. Based on a review of the departmental budget, the Project Manager has determined that the combined budgets will be sufficient to fund this contract. To date, no expenditures have been made to the budget.

STRATEGIC GOAL:

This project supports the District's Mission Statement, "To provide safe, reliable water, recycled water, and wastewater services to our community in an innovative, cost efficient, water wise and environmentally responsible manner," and the District's Strategic Goal, "To satisfy current and future water needs for potable, recycled, and wastewater services."

LEGAL IMPACT:

None.

General Manager

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RR/MG/RP:jf

Attachments: Attachment A
Attachment B

ATTACHMENT A

SUBJECT/PROJECT: P1210/023000	Award of a Professional Engineering Planning Services Contract to Westin Engineering for the Asset Management Plan Project

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTES:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board Approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B

SUMMARY OF PROPOSAL RANKINGS BY PANEL MEMBERS

Asset Management Plan

(Project No. P1210-023000)

		WRITTEN										
		Qualifications, experience of Consultant's assigned personnel	Experience relevant to type of project being considered	Proposed method to accomplish work	Knowledge of jurisdictional agencies, local area environmental concerns, and regulatory requirements	Ability to complete projects on schedule	Completeness, addressed requested information	*Proposed Fee	*Consultant's commitment to EBE, DBE, MBE,SBE	TOTAL SCORE (per reviewer)	AVERAGE SCORE	References
SCORE		15	15	10	10	10	15	20	5	100 **		✓
Carollo Engineers	Joe Beachen	13	11	6	8	9	8	20	5	80	85.33	
	Meryll Gonzalez	13	13	8	8	9	13			89		
	Don Henderson	12	12	11	11	7	12			90		
	Rod Posada	13	14	8	8	8	12			88		
	Ron Ripperger	13	12	8	8	8	13			87		
	Geoff Stevens	12	11	6	7	6	11			78		
CDM	Joe Beachen	4	15	10	10	10	15	18	5	87	87.17	
	Meryll Gonzalez	14	14	10	8	10	12			91		
	Don Henderson	12	12	11	11	7	11			87		
	Rod Posada	15	15	9	10	8	12			92		
	Ron Ripperger	12	12	8	7	8	11			81		
	Geoff Stevens	13	14	7	8	8	12			85		
GHD / MARRS	Joe Beachen	13	6	6	8	9	9	13	5	69	76.17	
	Meryll Gonzalez	13	13	8	5	9	13			79		
	Don Henderson	12	13	12	12	8	12			87		
	Rod Posada	13	13	11	7	7	10			79		
	Ron Ripperger	12	12	8	7	8	11			76		
	Geoff Stevens	11	12	5	5	5	11			67		
Op X Consulting, LLC	Joe Beachen	4	6	5	5	9	7	20	3	56	66.50	
	Meryll Gonzalez	9	9	5	3	7	10			63		
	Don Henderson	11	11	11	11	7	11			82		
	Rod Posada	8	8	6	5	5	6			58		
	Ron Ripperger	11	12	7	6	8	11			75		
	Geoff Stevens	10	10	4	6	4	11			65		
PBS&J	Joe Beachen	5	2	6	8	9	9	19	5	63	80.33	
	Meryll Gonzalez	9	11	8	8	9	12			81		
	Don Henderson	12	10	11	12	7	11			87		
	Rod Posada	10	11	7	10	8	10			80		
	Ron Ripperger	12	11	7	8	8	13			83		
	Geoff Stevens	14	13	8	9	7	13			88		
Westin / HDR	Joe Beachen	15	15	8	10	10	12	20	3	90	89.33	✓
	Meryll Gonzalez	14	14	10	8	10	12			88		
	Don Henderson	13	12	12	12	8	13			90		
	Rod Posada	15	15	9	10	10	14			93		
	Ron Ripperger	13	12	8	10	8	14			85		
	Geoff Stevens	15	15	9	8	9	14			90		

Notes: * Project Manager scores the "Proposed Fee" and "Consultant's Commitment to EBE, DBE, MBE, and SBE" columns.

Ronald Ripperger — 12/11/07

Project Manager's Signature — Date

Meryll C Gonzalez — 12/11/07

Peer Review Signature — Date

AGENDA ITEM 9

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	January 16, 2007
SUBMITTED BY:	Ron Ripperger Engineering Manager Meryll Gonzalez Assistant Civil Engineer	PROJECT/ SUBPROJECTS:	P2440/ 003000 004000 DIV. NO. 2
APPROVED BY: (Chief)	Rod Posada Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Change Order No. 5 to Contract with Zondiros Corporation for Construction of the SR-905 Utility Relocations		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District's (District) Board approves Change Order No. 5 to the existing contract with Zondiros Corporation for construction of the SR-905 Utility Relocation project redesign in the amount of $207,444.77 (see Exhibit A for project location).

COMMITTEE ACTION: _____

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to execute Change Order No. 5 for $207,444.77 (see Exhibit B) to the contract with Zondiros Corporation.

ANALYSIS:

At the July 5, 2006 Board Meeting, Zondiros Corporation was awarded the construction contract for the SR-905 Utility Relocations, Alta Road Vaults, and Meter Bypass Project. The project construction began in September 2006 and has progressed well.

With approximately 86% of construction completed, Caltrans directed the District to abandon the portion of the waterline installed along the Gailes Boulevard/Dublin Drive alignment due to the discovery of prior easement rights held by the City of San Diego (City) at this location. The City is exercising their rights and Caltrans must maintain the City's easement for a redundant sewer force main. Caltrans recognized that they allowed the construction of the pipeline and will reimburse the District for the full cost of redesign efforts, including the cost of the newly installed pipeline. The City will use this newly installed steel pipe as their redundant sewer force main.

On June 20, 2007, the District issued a Notice of Intent to temporarily suspend work to Zondiros Corporation due to right-of-way issues at Gailes Boulevard/Dublin Drive and Cactus Road. District Staff and the project's engineering design consultant, RBF Consulting, have coordinated with Caltrans, City, and California Department of Public Health for final approval of the redesigned SR-905 Utility Relocations required for project completion.

As a result of the redesign, Change order No. 5 consists of abandonment of the existing water service connections at Gailes Boulevard/Dublin Drive and traffic control, excavation, and installation of a larger diameter waterline and steel casing at a lower elevation at Cactus Road.

RBF Consulting evaluated the redesigned construction costs submitted by Zondiros Corporation and found that the agreed upon price of $207,444.77 was reasonable.

Staff recommends approval of Change Order No. 5 in the amount of $207,444.77 for project completion. Caltrans will reimburse the District for 100% for the redesign efforts at both Gailes Boulevard/Dublin Drive and Cactus Road.

FISCAL IMPACT:

The total budget for CIP P2440, as approved in the FY 2008 budget, is $1,660,000. Expenditures to date are $1,118,201. Total expenditures, plus outstanding commitments and forecast to date, are $1,573,485. Based on a review of the financial budget, the Project Manager has determined the budget will be sufficient to support this project.

Finance has determined that 100% of the funding is available from the Replacement Fund.

STRATEGIC GOAL:

This project supports the District's Mission Statement, "To provide safe reliable water, recycled water and wastewater

services to our community in an innovative, cost efficient water wise and environmentally responsible manner", as well as the General Manager's vision, "… prepared for the future…" by guaranteeing that the District will always be able to meet future water supply obligations and plan, design, and construct new facilities.

LEGAL IMPACT:

None.

M Magaña for M Watton

General Manager

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MG/RR/RP:jf

Attachments: Attachment A
Attachment B
Exhibit A
Exhibit B

ATTACHMENT A

SUBJECT/PROJECT: P2440-003000/0040000	Change Order No. 5 to Contract with Zondiros Corporation for Construction of the SR-905 Utility Relocations

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on December 14, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

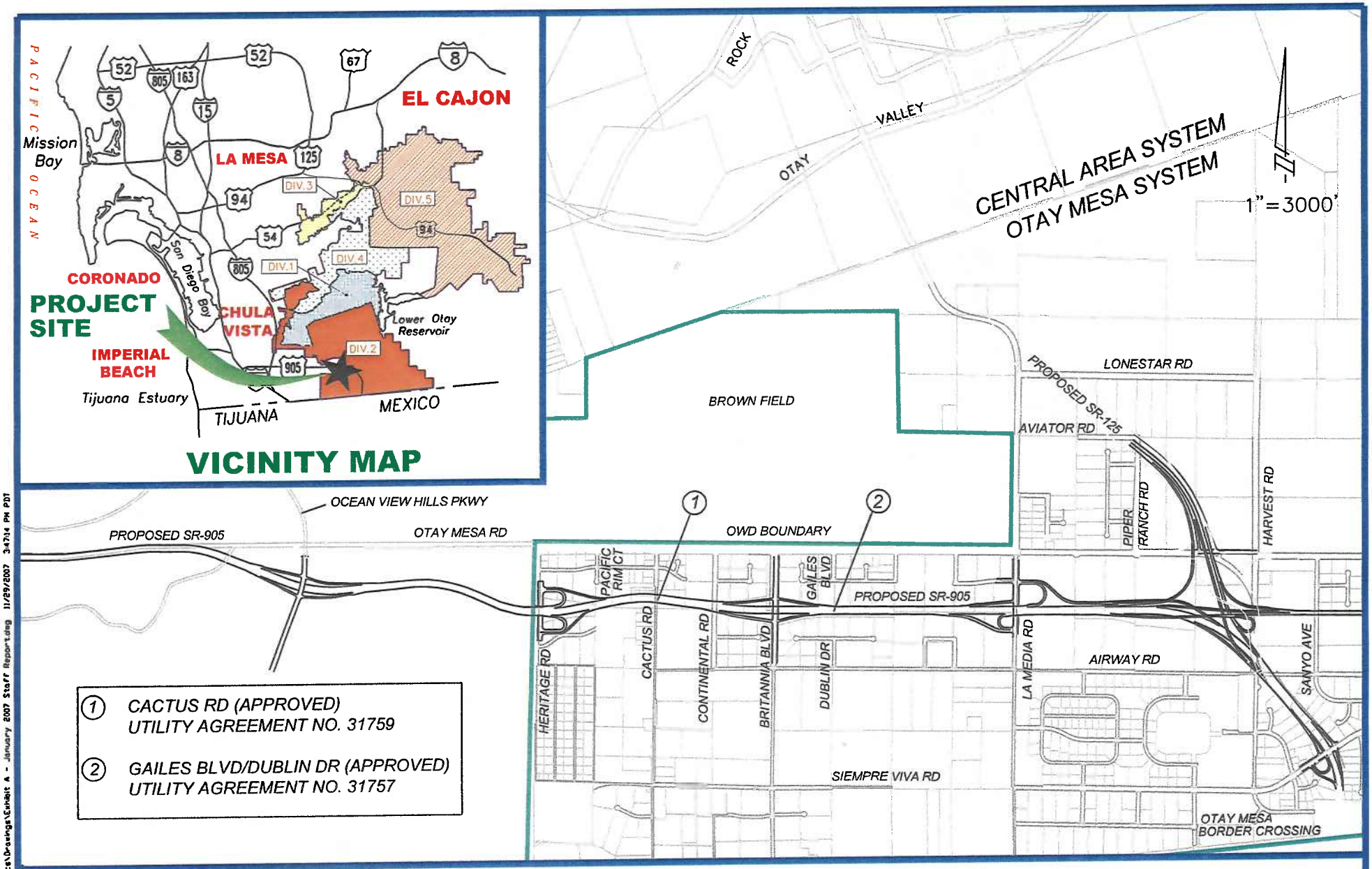
ATTACHMENT B

SUBJECT/PROJECT: P2440-003000/0040000	Change Order No. 5 to Contract with Zondiros Corporation for Construction of the SR-905 Utility Relocations

Otay Water District
P2440- I-905 Utility Relocations

Date Updated: November 29, 2007

Budget $1,660,000	*Committed*	*Expenditures*	*Outstanding Commitment & Forecast*	*Projected Final Cost*	*Vendor / Comments*
Planning					
In House/Labor	69,209	69,209		69,209	
Professional Legal Fees	340	340	-	340	Burke, Williams, Sorensen LLP
Service Contracts	2,060	2,060	-	2,060	Garcia Calderon & Ruiz LLP
			-	-	
			-	-	
Infrastructure, Materails & Supplies			-	-	
Temporary Labor	112	112	-	112	Sedona Staffing Services
			-	-	
Total Planning	$ 71,721	$ 71,721	$ -	$ 71,721	
Design					
In House/Labor	98,538	98,538		98,538	
Consultant Contracts	224,799	224,799	-	224,799	HDR Inc.
	12,000	12,000	-	12,000	Bowen & Associates
	66,923	66,923	-	66,923	Hirsch & Company
Service Contracts	2,190	2,190	-	2,190	OCB Reprographics
	70	70	-	70	San Diego Daily Transcripts
	190	190	-	190	Clarkson Lab & Supply Inc.
Printing	8	8	-	8	Petty Cash Custodian
			-	-	Frank & Son Paving Inc.
Reimbursement of Expenses		(55,279)		(55,279)	California Dept. of Transportation
			-	-	
			-		
			-	-	
Total Design	$ 404,718	$ 349,438	$ -	$ 349,438	
Construction					
In House/Labor	121,578	121,578		121,578	
Advertisement/Bid	328	328	-	328	Union Tribune
Consultant Contracts	30,850	17,600	13,250	30,850	RBF Consulting
Construction Contracts	715,000	542,608	172,392	715,000	Zondiros Corporation
Change Order #5	207,445	-	207,445	207,445	Zondiros Corporation
	62,197	-	62,197	62,197	CALTRANS
Rents/Leases(Temp. Easement)	1,750	1,750	-	1,750	Gateway Park Owners Association
	6,825	6,825	-	6,825	Brown Field Business Park LP
	1,000	1,000	-	1,000	Dante Corp.
Settlements (Easement)	1,000	1,000	-	1,000	Vista South Melrose LP
Materials	216	216	-	216	C.W. Mcgrath
	163	163	-	163	United Rentals Northwest Inc
	155	155	-	155	HSS Rentx Inc
	258	258	-	258	Penhall Co.
Sewer Fittings & Green Bell	24	24	-	24	
Adaptor ACP 914	1,305	1,305	-	1,305	
Gate Valve	1,505	1,505	-	1,505	
Professional Legal Fees	500	500	-	500	First American Title
Water Loss	228	228	-	228	
			-	-	
Total Construction	$ 1,152,326	$ 697,042	$ 455,284	$ 1,152,326	
Grand Total	**$ 1,628,764**	**$ 1,118,201**	**$ 455,284**	**$ 1,573,485**	



ESTABLISHED 1956 OTAY WATER DISTRICT

OTAY WATER DISTRICT

SR-905 UTILITY RELOCATIONS

EXHIBIT A

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EXHIBIT B

SUBJECT/PROJECT: P2440-003000/0040000	Change Order No. 5 to Contract with Zondiros Corporation for Construction of the SR-905 Utility Relocations

OTAY WATER DISTRICT
2554 SWEETWATER SPRINGS BLVD., SPRING VALLEY, CA. 91978, (619) 670-2222

CONTRACT/P.O. CHANGE ORDER No. 5

PROJECT/ITEM: I-905 Utility Relocations, Seismic and RW Meter Bypass Vaults
CONTRACTOR/VENDOR: Zondiros Corporation

REF.CIP No.: P2440-002000, WO 30129
P2440-003000, WO 30130,
P2440-004000, WO 30131
P2454-001103

APPROVED BY: General Manager **REF. P.O. No: 704749** **REF. WO No.: See Above** **DATE:** 12/3/07

DESCRIPTION:

Add $207,444.77 to Project Number P2400-003000 Work Order 30130 and P2400-003000 Work Order 30131.

REASON:

The additional cost reflects redesign related to Caltrans and City of San Diego directive associated with utility right-of-way issues at Gailes Boulevard / Dublin Drive and Cactus Road. This includes abandonment of water services at Gailes Blvd/Dublin Dr; Traffic control, deep excavation, and installation of 12" CML&C water line and 24" steel casing at a lower elevation at Cactus Road. (see attached proposal)

CHANGE P.O. TO READ:
Revise Contract to add $207,444.77 for a total Contract amount of $1,151,793.24.

ORIGINAL CONTRACT/P.O. AMOUNT:	$	930,316.00
ADJUSTED AMOUNT FROM PREVIOUS CHANGE:	$	944,348.47
TOTAL COST OF THIS CHANGE ORDER:	$	207,444.77
NEW CONTRACT/P.O. AMOUNT IS:	$	1,151,793.24
CONTRACT/P.O. TIME AFFECTED BY THIS CHANGE:		0 Days
ORIGINAL CONTRACT COMPLETION DATE:		3/2/07
REVISED CONTRACT COMPLETION DATE		2/30/08

IT IS UNDERSTOOD WITH THE FOLLOWING APPROVALS, THAT THE CONTRACTOR/VENDOR IS AUTHORIZED AND DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES. IT IS ALSO AGREED THAT THE TOTAL COST FOR THIS CHANGE ORDER CONSTITUTES FULL AND COMPLETE COMPENSATION FOR OBLIGATIONS REQUIRED BY THE CONTRACT/P.O. ALL OTHER PROVISIONS AND REQUIREMENTS OF THE CONTRACT/P.O. REMAIN IN FULL FORCE AND EFFECT.

CONTRACTOR/VENDOR:

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____ DATE: _____

ADDRESS: _____

_____

STAFF APPROVALS:

PROJ. MGR. _____ DATE: _____

DIV. MGR: _____ DATE: _____

CHIEF: _____ DATE: _____

ASST. GEN. MANAGER: _____ DATE: _____

DISTRICT APPROVAL:

GEN. MANAGER: _____ DATE: _____

COPIES: ☐ FILE (Orig.) ☐ CONTRACTOR/VENDOR ☐ CHIEF-ENGR ☐ CHIEF-FINANCE ☐ AGM/ENG-OPS
☐ ENGR. MGR. ☐ INSPECTION ☐ PROJ MGR ☐ ENGR. SECRETARY ☐ PURCHASING ☐ ACCTS PAYABLE

CHANGE ORDER LOG

P2440-002000, 003000, 004000, P2454-001103

SR 905, SEISMIC VAULT, METER VAULT

C.O.	AMOUNT	APPROVED BY	APPROVED DATE	DESCRIPTION	TYPE C.O.
1	($2,200.00)	RR	10/16/2006	Reduce Line Item #7 by 100-feet, and add 100-feet to Line Item #6 (Based on acquisition of permanent easement), Add 90 no cost days.	Owner Initiated
2	$7,747.48	RR	1/12/2007	Additional grind and overlay, remove and replace AC berm, additional sand/seal and striping per County requirements.	Owner Initiated/County Requirements
3	$3,118.71	RR	3/22/2007	Add $3118.71 to cut & cap south side Gailes/Dublin to keep FS in service and allow easier & shorter tie-in	Owner Initiated
4	$5,366.28	RR	6/25/2007	Add $5,366.28 for related delays and Temporary Suspension of Work associated with right-of-way issues at Gailes/Dublin & Cactus Road.	Owner Initiated
5	$207,444.77	Board	1/3/2008	Add $207,444.77 to complete project per directive from Caltrans and City of San Diego due to redesign at Gailes Blvd/Dublin Dr and Cactus Road that includes: water service abandonment at Gailes Blvd/Dublin Dr; Traffic control, deep excavation, and installation of 12" CML&C water line and 24" steel casing at lower elevation at Cactus Rd.	Owner Initiated / Caltrans & City of San Diego requirements
6					
7					
8					
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33					
34					
35					
36					
37					
38					
39					
40					

Total C.O.'s To Date:	$221,477.24	23.8%
Original Contract Amount:	$930,316.00	
Current Contract Amount:	$1,151,793.24	

Change Order Breakdown for the Month:

Month	Net C.O.$	Limit	Authorization	Absolute C.O.$	Absolute C.O. %
12/07	$0.00	$5,000/5%	PM/Supervisor	$0.00	0.0%
		$10,000/10%	Manager	$0.00	0.0%
		$15,000/20%	Chief	$0.00	0.0%
		$50,000/30%	GM	$207,444.77	22.3%

Zondiros Corp.

Description	U/M	Units	Unit Price	Extension	Notes
24" Steel Casing	LF	344	$478.00	$164,432.00	Contract unit prices
12" carrier pipe	LF	344	$122.00	$41,968.00	Contract unit prices
12" steel pipe	LF	87	$343.00	$29,841.00	Contract unit prices
2" blow off	EA	2	$5,000.00	$10,000.00	Contract unit prices
2" AVR	EA	2	$7,500.00	$15,000.00	Contract unit prices
Remove existing AC pipe	LF	431	$97.00	$41,807.00	Contract unit prices
2" Water Service	LS	1	$9,717.00	$9,717.00	Lump sum estimate attached
Traffic Control	LS	1	$14,367.00	$14,367.00	Lump sum estimate attached
AC Paving R&R	LS	1	$27,225.00	$27,225.00	Lump sum estimate attached
Additional depth	LS	1	$16,443.00	$16,443.00	Factor against contract unit price, estimated at 10% of 24" casing
Credit portion of Item 2 not used	LS	1	-$2,500.00	-$2,500.00	Item deleted
Credit for Item 16	LS	1	-$70,000.00	-$70,000.00	Item deleted
Credit for portion of Item 15 not used	LS	1	-$90,855.23	-$90,855.23	Item deleted

Amount this change order	$207,444.77
Original Contract Amount	$930,316.00
Previously approved change orders	$14,032.47
Final Contract Amount	$1,151,793.24

Additve alternates

Extend 2" WS at Station 1+03	LS	1	$5,025.00	$5,025.00
Provide Concrete and F-Cap trench paving per SDRSD SDG-107 in liue of 4" AC over 6" Base per the above price	LS	1	$21,548.00	$21,548.00