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DEPARTMENT OF  
UTILITIES  
  
ENGINEERING SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

5770 FREEPORT BLVD.  
SUITE 100  
SACRAMENTO, CA  
95822-2911

PH 916-433-6318  
FAX 916-433-6652

July 19, 1996

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: SEARS DITCH DAMAGE REPAIR PROJECT (PN: WH02): AMEND FY97 REVENUE AND CAPITAL BUDGETS; AWARD CONTRACT TO IAS CONSTRUCTION IN AN AMOUNT NOT TO EXCEED \$112,326.**

**LOCATION AND COUNCIL DISTRICT:**

This project is located along a 1.5 mile stretch of Sears Ditch beginning at the Interstate 80 Arden Way on-ramp and extending northwest to Silica Avenue, north of the American River, and east of Business Interstate 80 (District 3).

**RECOMMENDATION:**

Staff recommends the City Council approve amendments to the FY97 revenue and capital budgets and accept the low bid of IAS Construction in an amount not to exceed \$112,326 and award the contract.

**CONTACT PERSON:** Andrew A. Hunt, Senior Engineer, 433-6620

**FOR COUNCIL MEETING OF:** August 7, 1996

**SUMMARY**

Bids were received and opened by the City Clerk on July 3, 1996. IAS Construction was the low bidder at \$112,326.

**COMMITTEE/COMMISSION ACTION**

None.



City of Sacramento  
July 19, 1996  
Sears Ditch Damage Repair Project (PN: WH02)

### BACKGROUND INFORMATION

- Sears Ditch is a concrete lined open channel which begins near Connie Drive and El Camino Avenue and ends near the Interstate 80 Arden Way on-ramp. The drainage ditch is part of the Sump 152 drainage basin.
- The Federal Emergency Management Agency (FEMA) and the City of Sacramento Utilities Department identified damage along the concrete lined drainage channel caused by January and March 1995 storms. Flows from the larger storms eroded and uplifted portions of the concrete lining.
- FEMA approved the Sears Ditch Damage Repair project to be eligible for reimbursement in the amount of \$185,280. Reimbursement for this project requires filing an Office of Emergency Services Form 131 with the Governor's Office of Emergency Services, Disaster Assistance Branch.
- The purpose of this project is to restore the damaged portions of the concrete lined channel to pre-storm conditions. It will be necessary to remove and replace damaged concrete channel lining and slope protection, and raise a headwall.
- The bids received on July 3, 1996 were:

<u>CONTRACTOR</u>	<u>TOTAL BID AMOUNT</u>
1. IAS Construction	\$112,326.50
2. Civil Engineering Construction	\$143,585.00
3. Environmental Construction	\$167,115.50 *

Note: MBE/WBE contractors are indicated with (\*)

- Environmental Construction's bid was eligible for a price preference of 2% for being a City-certified and preference-eligible MBE. Applying the price preference, IAS Construction remains the low bidder at \$112,326.50.
- The initial engineer's estimated construction cost was \$168,900. The estimated project completion date is November 15, 1996.

City of Sacramento  
July 19, 1996  
Sears Ditch Damage Repair Project (PN: WH02)

## **ENVIRONMENTAL DETERMINATION**

The Planning Services Division has determined that this project is categorically exempt. The proposed project is a maintenance project that will restore the drainage ditch to pre-flood conditions. Repair work to the channel will result in negligible environmental disturbance.

## **FINANCIAL CONSIDERATIONS**

The revised total estimated project cost, including all project administration, design, construction, inspection, and related costs is \$142,920. The estimated cost to finish the project is \$134,484. The cost of this contract is \$112,326.50. There is no unobligated balance in this project as of July 15, 1996.

FEMA approved a Damage Survey Report #07926 (see Exhibit A) on March 3, 1995, for a project not to exceed \$185,280. FEMA committed to reimburse the City 75% of that amount, or \$138,960; and the State Office of Emergency Services committed to 75% of the remainder, or \$34,740. The City's share of this project at this stage will be \$11,580. Therefore staff recommends that the City Council amend the FY97 Revenue Budget to recognize revenue in FEMA Grants (517-500-WH01) in the amount of \$173,700 and to amend the FY97 Capital Improvement Budget to add FEMA Grants funding to the Sears Ditch project (517-500-WH02-4820) in the amount of \$173,700.

## **POLICY CONSIDERATIONS**

This action is consistent with Chapter 58, Article III, Section 58.03.304 of the City Code, which provides that the City Council may award competitively bid contracts to the lowest responsible bidder.

## **MBE/WBE**

This project included MBE/WBE participation goals of 10.57% MBE and 9.5% WBE, as required by Resolution No. 93-619, relating to MBE/WBE participation goals and policies adopted by the City Council on November 2, 1993. Award of contract is contingent upon the responsive low bidder either meeting the project MBE/WBE participation goals or making adequate good faith efforts towards meeting the project goals. Bids submitted which met or exceeded the MBE/WBE goals are eligible for bid price preference up to a maximum of 7% or

City of Sacramento  
July 19, 1996  
Sears Ditch Damage Repair Project (PN: WH02)

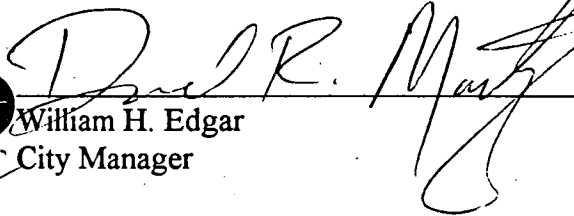
\$25,000, whichever is lower. Environmental Construction is a City certified MBE firm and recieved a 2% price preference. IAS Construction remained the low bidder. IAS Construction will be using one MBE amounting to \$5,000 (4.45%) of the contract, and no WBE subcontractors. Staff has confirmed the one minority owned business enterprise IAS Construction listed with their bid as City certified. IAS Construction met the City's M/WBE Good Faith Effort requirement.

Respectfully submitted,



Gary A. Reents  
Engineering Services Manager

RECOMMENDATION APPROVED:

  
William H. Edgar  
City Manager

APPROVED:

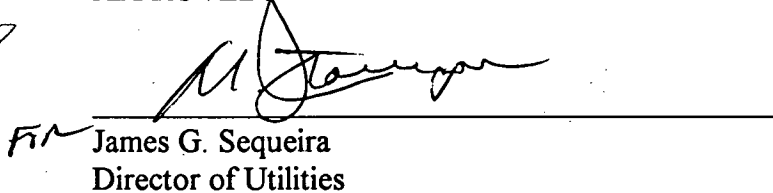
  
James G. Sequeira  
Director of Utilities

EXHIBIT A

FEMA Damage Survey Report #07926

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

**RESOLUTION AUTHORIZING THE CITY COUNCIL TO AMEND FY97 REVENUE AND CAPITAL BUDGETS AND AUTHORIZING THE CITY MANAGER AND CITY CLERK TO SIGN AND EXECUTE A CONTRACT WITH IAS CONSTRUCTION FOR THE SEARS DITCH DAMAGE REPAIR PROJECT (PN: WH02).**

**WHEREAS**, the City of Sacramento has determined the need for the Sears Ditch Damage Repair Project (hereinafter called the "Project"), and has conditionally included the Project in the City of Sacramento Capital Improvement Program, and

**WHEREAS**, the City of Sacramento has conducted an initial study to determine if the Project may have a significant effect on the environment, and

**WHEREAS**, the Initial Study concludes that the project is a maintenance project and is therefore categorically exempt from environmental documentation, and

**NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACRAMENTO THAT:**

1. The City Council hereby amends the FY97 revenue budget to recognize revenue in FEMA Grants ( 517-500-WH02-3596) in the amount of \$173,700 and amends the FY97 Capital Improvement Budget to add FEMA Grants funding to the Sears Ditch project (517-500-WH02-4820) in the amount of \$173,700.
2. The City Council hereby approves the implementation of the Sears Ditch Damage Repair Project.

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FOR CITY CLERK USE ONLY

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_

3. The City Manager and City Clerk are authorized to sign and execute a contract with IAS Construction for the Sears Ditch Damage Repair Project (PN: WH02) in an amount not to exceed \$112,326.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
FOR CITY CLERK USE ONLY

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_ 7



02/95  
11AM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
DAMAGE SURVEY REPORT  
PART I - PROJECT DESCRIPTION

DSR NO: 07926  
SUPP TO DSR:

PLICANT NAME - SACRAMENTO (CITY OF)

COUNTY - SACRAMENTO

OBJECT TITLE - SEARS DITCH REPAIRS  
DAMAGED FACILITY - SEARS DITCH

INSPECTION DATE: 02/02/95

LOCATION - CORNER OF ARDEN WAY AND SACRAMENTO INN ROAD NORTH  
TO JUST WEST OF ALBATROSS WAY.

DISASTER NO: 1044  
P.A.ID 067-64000

CATEGORY D  
PROJECT NO: 499  
% COMPLETE 1  
WORK ACCOM BY: CONTRACT

DAMAGE DESCRIPTION AND SCOPE OF ELIGIBLE WORK:

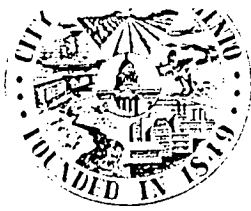
5 MILES BREACH OF SEARS DITCH WAS DAMAGED. REMOVE AND REPLACE CONCRETE CHANNEL LINING, SLOPE PROTECTION AND REPLACE BACKFILL IN TEN DESIGNATED LOCATIONS. REPLACE BACKFILL AGGREGATE BASE, PAVEMENT, CURB & GUTTER, EXTEND HEADWALL, REMOVE & REPLACE 2" WATER LINE AND RESET ROAD BARRIERS INSERT OUT OF HEADWALL.

RECOMMENDATION BY INSPECTOR	INSP NO.	AGENCY	ELIGIBLE	F.O
FEDERAL - DENNIS ROSBERG	9319	COE	Y	
STATE - FOROUZAN, AHMAD A.	9904	OES		
LOCAL - CANDACE MCGAHAN				

PART II - ESTIMATED COST OF PROPOSED WORK

ITEM	CODE	MATERIAL AND/OR DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
	1051	DUMP CHARGES (LANDFILL DISPOSAL)	CY	280.00	\$55.00	\$15,400.00
	1052	TRUCKING TO DISPOSAL SITE OVER 10 MILES	CYMI	4760.00	\$4.45	\$21,442.00
	1050	BACKFILL (GRANULAR)	CY	815.00	\$49.00	\$39,935.00
	3090	AGGREGATE BASE COURSE (UNDER BITUMINOUS SURFACE)	TON	30.00	\$19.25	\$577.50
	3111	BITUMINOUS CONCRETE OVERLAY	TON	10.00	\$40.00	\$400.00
	3180	CONCRETE CURB AND GUTTER	LF	40.00	\$12.00	\$480.00
	3190	CONCRETE CURB AND GUTTER REMOVAL	LF	40.00	\$5.00	\$200.00
	3220	CONCRETE RETAINING WALLS (12")	SF	75.00	\$16.00	\$1,200.00
	6101	WATER LINE (2" REMOVE AND REPLACE)	LF	20.00	\$12.00	\$240.00
	3367	RCP 18" (FURNISH AND INSTALL)	LF	5.00	\$61.00	\$305.00
	4051	CONCRETE REMOVAL, NONREINFORCED	CY	280.00	\$80.00	\$22,400.00
	4082	CONCRETE SLOPE PROTECTION	CY	160.00	\$320.00	\$51,200.00
	4090	CONCRETE CHANNEL LINING (REINFORCED)	CY	120.00	\$290.00	\$34,800.00
	9999	118" ENGINEERING CURVE	LS	1.00	\$16,000.00	\$16,000.00
					TOTAL:	\$185,279.50
					AMOUNT ELIGIBLE:	\$185,280.00
					75 % FEDERAL SHARE:	\$138,960.00

DSR NO: 07926



DEPARTMENT OF  
UTILITIES  
BUSINESS SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

June 24, 1996  
96016:MS:JK:llc

5770 FREEPORT BLVD.  
SUITE 100  
SACRAMENTO, CA  
95822-2911

PH 916-433-6318  
FAX 916-433-6652

Governor's Office of Emergency Services  
DISASTER ASSISTANCE BRANCH  
P O Box 239013  
Sacramento, CA 95823-9013

ATTN: Richard Ray, Acting Public Assistance Officer

**SUBJECT: REQUEST TIME EXTENSION FOR CONSTRUCTION COMPLETION ON DSRs  
16493, 16375, 07926 AND 07930**

Dear Mr. Ray:

On February 26, 1996 we forwarded a letter to you (attached) requesting an extension for the subject DSRs to allow us time to formulate contracts and accomplish necessary negotiations to complete these Category D restoration work projects. Due to the unforeseen work overloads and necessary recovery maintenance work required after the December 1995 storm event, the projected completion date of October 15, 1996, previously requested regretfully cannot be met. In revising our bid time and processing procedure with plan completion, we request a time extension of December 1, 1996 for completing work on DSRs 16493, 16375 & 07926. We recognize that more coordination will now be necessary with Fish & Game agreements to meet this new date. The remaining DSR 07930 will have a plan and design that cannot be negotiated and advertised in time for construction this year. The projected date, including design delays and impending weather conditions for completing this DSR restoration work is requested to be set for November 1, 1997.

I appreciate your timely attention to the subject matter and trust that our requests will meet with your approval. If you should need any further assistance, please contact Jerry Kanenaga at (916) 433-6643.

Sincerely,

Michael H. Stamper  
Business Services Division Manager

PART I - PROJECT DESCRIPTION

APPLICANT NAME/COUNTY: CITY OF SACRAMENTO / SACRAMENTO  
 PROJECT TITLE: SEARS DITCH REPAIRS  
 3. PA IDENTIFICATION NO.: 067-64000  
 4. INSPECTION DATE: 02/02/95  
 5. PROJECT NO.: 499  
 6. % COMPLETE: 0  
 7. WORK ACCOM BY: F (C) FC  
 12. FACILITY LOCATION: CORNER OF ARDEN WAY AND SACRAMENTO INN ROAD NORTH TO JUST WEST OF ALBATROSS WAY.  
 8. FINAL DSR: YES   
 9. CATEGORY: D

13. DAMAGE DIMENSIONS/DESCRIPTION/SCOPE OF ELIGIBLE WORK  
 DIMENSIONS: 1.5 MILES REACH OF SEARS DITCH  
 DESC/SCOPE: REMOVE AND REPLACE CONCRETE CHANNEL LINING AND SLOPE PROTECTION AND REPLACE BACKFILL IN TEN DESIGNATED LOCATIONS. REPLACE BACKFILL AGGREGATE BASE, PAVEMENT, CURBS & GUTTER, EXTEND HEADWALL, REMOVE & REPLACE 2" WATER LINE AND RESET ROAD BARRIERS. SOUTH OF HEADWALL AT ARDEN WAY.

14. INSP NO.: 9319, 0161  
 15. NAME OF FEDERAL INSPECTOR (Print): DENNIS ROSBERG & DICK CALL  
 16. AGENCY CODE: 1  
 RECOMMENDATION: (Y) N  
 ATTACHMENTS:  
 18. INSP NO.: 9904, 9720  
 NAME OF STATE INSPECTOR (Print): ADAM FROUZAN & SIAMAK NAZHAND  
 AGENCY CODE: OES  
 RECOMMENDATION: (Y) N  
 ATTACHMENTS:  
 19. NAME OF LOCAL REPRESENTATIVE (Print): LANDACE MCGAHAN  
 CONCUR: Y N  
 ATTACHMENTS:

PART II - ESTIMATED COST OF PROPOSED WORK

ITEM	CODE	MATERIAL AND/OR DESCRIPTION (a)	UNIT OF MEAS (b)	QUANTITY (c)	UNIT PRICE (d)	COST (e)
1	1051	DUMP CHARGES	CY	280	55.00	15,400.00
	1131	TRUCKING TO DISP. SITE	CYMI	4760	0.55	2,618.00
	3041	BACKFILL (GRANULAR)	CY	815	49.00	39,935.00
4	3090	AGGREGATE BASE (CURSE)	TON	30	19.25	577.50
5	3111	BITUMENOUS CONCRETE OVERLAY	TON	10	40.00	400.00
6	3180	CONCRETE CURBS & GUTTER	LF	40	12.00	480.00
7	3190	CONCRETE CURBS & GUTTER REMOVAL	LF	40	5.00	200.00
8		SUBTOTAL FROM CONTINUATION SHEET				175,500.88

20. EXISTING INSURANCE TYPE - F: \$ G: \$ 21. TOTAL \$ 235,111.38

PART III - FLOODPLAIN MANAGEMENT/HAZARD MITIGATION REVIEW

22. IN OR AFFECTS FLOODPLAIN OR WETLAND: (F) W N  
 23. FLOODPLAIN LOC: (D) 2 3 4 5  
 24. % DAMAGE: (1) 2 3 4  
 25. DISASTER HISTORY: Y (N) U  
 26. LAND USE: U1 2 (3) 4 D1 2 3 (4)  
 27. FPM REC: 1 2 3 4 (5) 6 7

PART IV - FOR FEMA USE ONLY

28. AMOUNT ELIG \$ 29. ELIGIBLE Y N S V 30. SPECIAL CONSIDERATIONS  
 31. FLOODPLAIN REVIEW NO. 32. WORKSITE NO.  
 33. INSURANCE COMMITMENT REQUIRED F - Building: \$ G - Property: \$ 34. DURATION (Years) F - B - G - P - Content: \$ Content: \$ C - C -

35. COMMENTS/CHANGES

FIRST REVIEW (Signature) | DATE | SECOND REVIEW (Signature) | DATE

**PART II - ESTIMATED COST OF PROPOSED WORK  
CONTINUATION SHEET**

APPLICANT: <i>CITY OF SACRAMENTO</i>				INSPECTION DATE: <i>02/02/95</i>		
DISASTER NO: <i>1044</i> PA NO: <i>067-64000</i>				DSR NO: <i>7926</i>		
PART II - ESTIMATED COST OF PROPOSED WORK (con't)						
ITEM	CODE	MATERIALS AND/OR DESCRIPTION	UNIT OF MEAS	QUANTITY	UNIT PRICE	COST
9	3220	CONCRETE RETAINING	SF	<del>75.00</del>	16.00	1200.00
10	6101	WATER LINE	LF	<del>20.00</del>	12.00	240.00
11	3367	RCP 18"	LF	5	61.00	305.00
12	4051	CONCRETE REMOVAL <sup>NON REINFORCED</sup>	CY	280	80.00	22,400.00
13	4082	CONCRETE SLOPE PROTECTION	CY	160	320.00	51,200.00
14	4090	CONCRETE CHANNEL LINING	CY	120	290.00	34,800.00
15	9999	DESIGN	LS	1		16,975.55
16	9999	SURVEYING	LS	1		5,092.67
17	9999	ENVIRONMENTAL PROCESSING	LS	1		848.78
18	9999	MATERIAL TESTING	LS	1		8,1487.78
19	9999	STAKING & INSPECTION	LS	1		16,975.55
20	9999	CONSTRUCTION CONTINGENCY	LS	1		16,975.55
21						
22				<i>Subtotal</i>		<i>175,500.88</i>
23						
24						
25						

NOTE: IF THIS FORM IS USED, PLEASE INDICATE BY ENTERING "CONTINUED" ON LINE 8 OF DSR.

**SEARS DITCH REPAIR-DSR**

**Project Description**

Restore damaged portions of concrete lined channel.

**Project #:** WH02  
**FY Initiated:** 94/95  
**Location**  
 Ditch at west end of Arden Fair Mall, btwn Arden Way and Yorkshire Road  
**Council District:** 3  
**Neighborhood Area:**  
 Neighborhood Area 1  
**Planning Area:**  
 N/A

**Project Objectives**

To ensure public safety and protect lives and property by removal of stormwater runoff.

**Existing Situation**

Following the severe storms in January 1995, field inspections identified ten locations of damage in a 1.5 mile section of the Sears ditch. A damaged location adjacent to the I-80 East on-ramp represents a potential hazard to vehicle traffic.

**Operating Budget Impact**

There is no operating budget impact because resources will be reallocated to other needs.

Fund Source	Budget through 6/96	Unspent 6/96	Five Year Funding				
Drainage	11,580	80	0	0	0	0	0
FEMA Grants	0	0	173,700	0	0	0	0
<b>TOTAL</b>	<b>11,580</b>	<b>80</b>	<b>173,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



