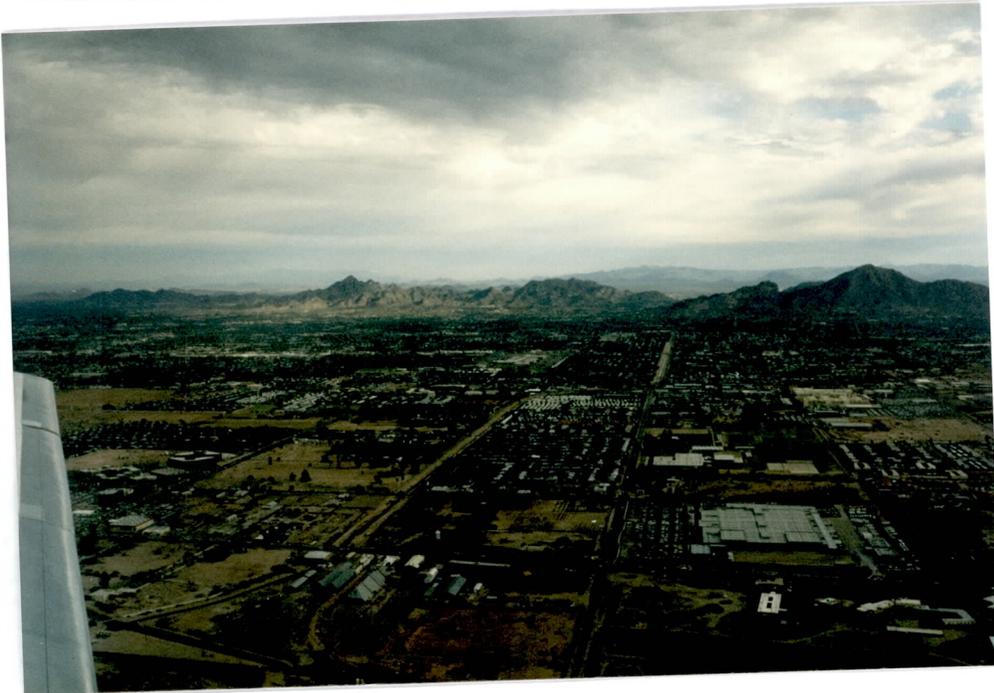


PHOTO COLLECTION
FOR
OLD CROSS-CUT CANAL

(MAY & OCTOBER 1988)









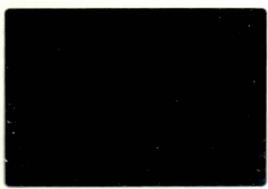






BUDGET
BRIEFING
JAN 89
(7 slides)

MADE IN U.S.A. F1



O.C.C.

MADE IN U.S.A. N1



O.C.C.

Old cross-cut
local drainage



MADE IN U.S.A.

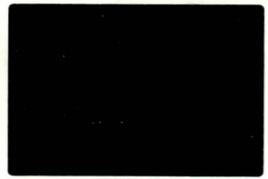
D4-C3-T4

DUPLICATE
TRANSPARENCY

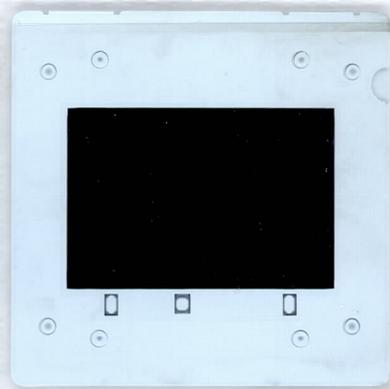


DUPLICATE
TRANSPARENCY

DUPLICATE
TRANSPARENCY



DUPLICATE
TRANSPARENCY



COLVERT UNDER
THOMAS RD



Old X-Cut Canal

NOV 75H4

3

D4-C3-T4

Phoenix
Old X-cut



MADE IN U.S.A.



Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

DUPLICATE
TRANSPARENCY



DUPLICATE
TRANSPARENCY

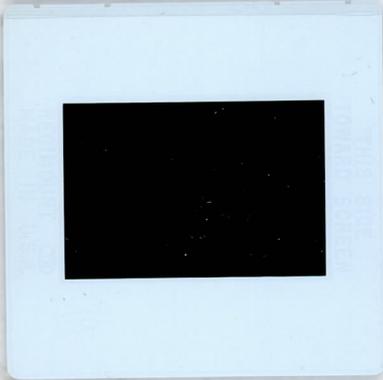


F1

DUPLICATE
TRANSPARENCY



DUPLICATE
TRANSPARENCY



MADE IN U.S.A.



did cross cut

F2

MADE IN U.S.A. N2

occ looking downstream



at confluence of Arizona
canal



0.0.0.

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY



PROCESSED
BY KODAK



Kodachrome
TRANSPARENCY

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

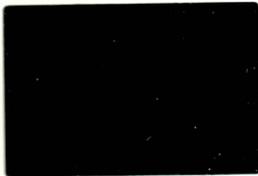
Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

OLD
C.C.C.

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY



CAMERA AT UNIV BUREAU ST
LOOKING NORTH PARALLEL
46TH ST



94-C3-74

NOV 75H4

15

SUBJECT _____



MADE IN U.S.A.

SUBJECT _____
old cross-cut

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY



DREWRY PHOTOCOLOR



DREWRY PHOTOCOLOR



Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

N4



Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

Kodachrome
TRANSPARENCY



Kodachrome
TRANSPARENCY

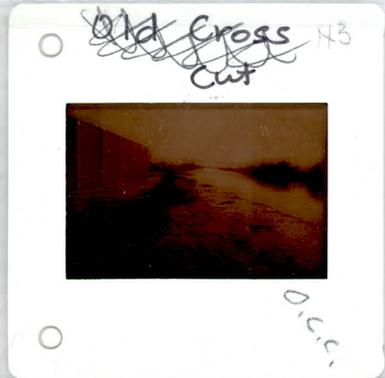
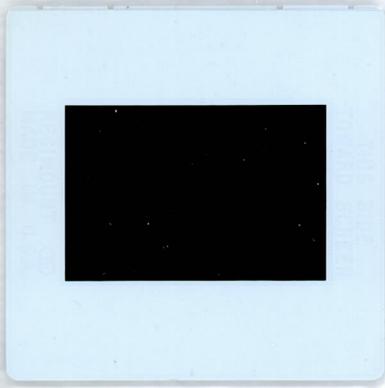
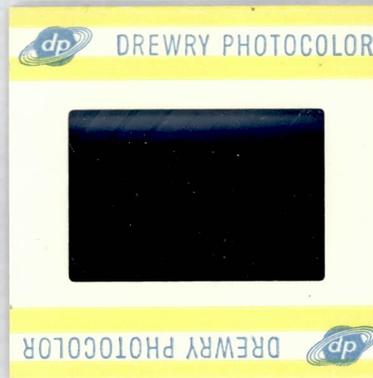
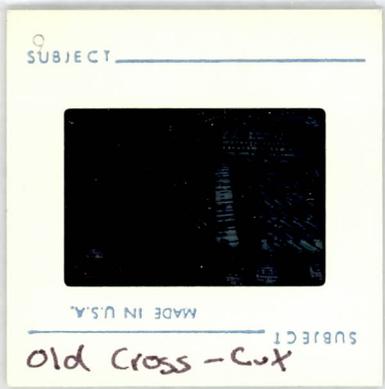
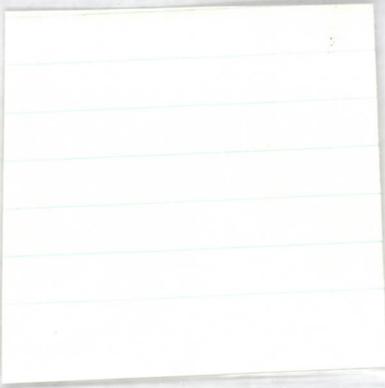
June 1977
AZ Canal @ 10th St



3F



old cross-cut



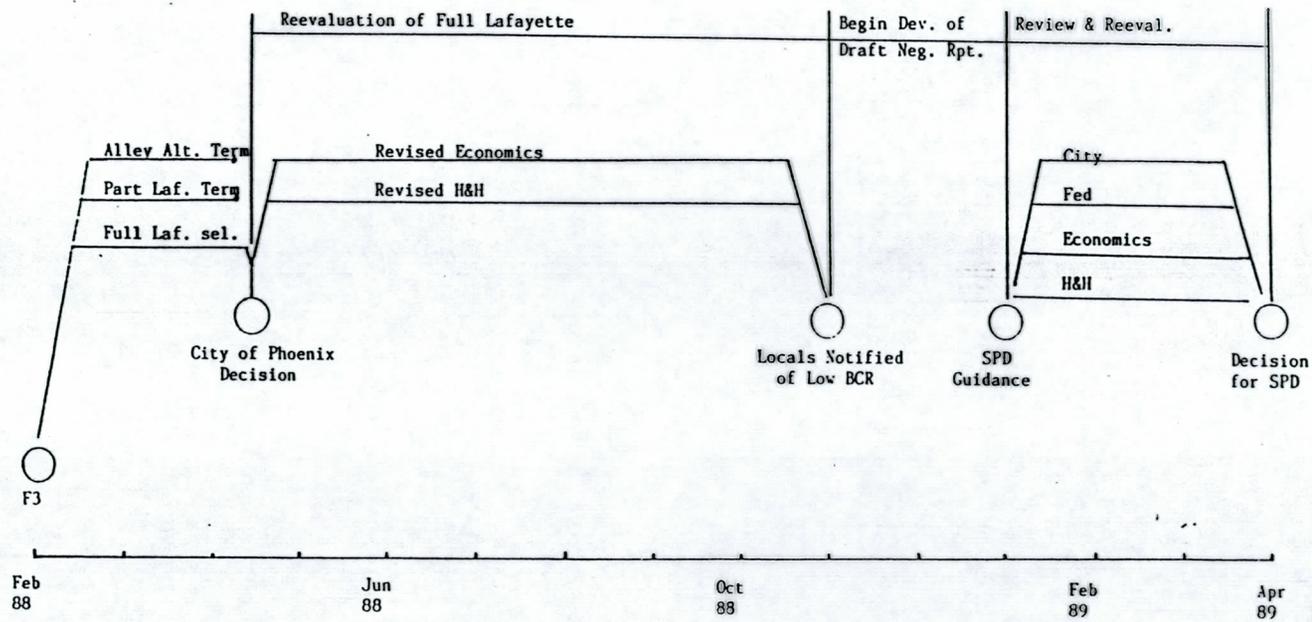


LOOKING SOUTH FROM OSBORN
(MAY 88)



LOOKING NORTH FROM OSBORN
(MAY 88)

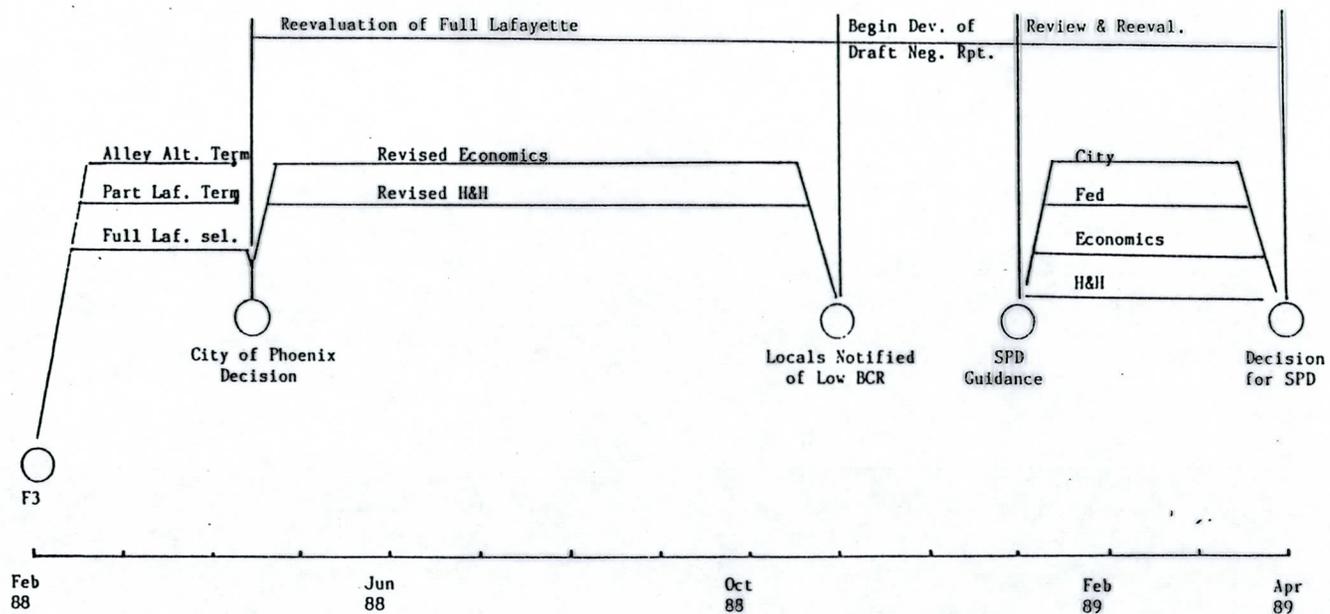
OLD CROSS-CUT STUDY
 NETWORK DIAGRAM II
 (F3 CONF. TO APRIL 89 DECISION)

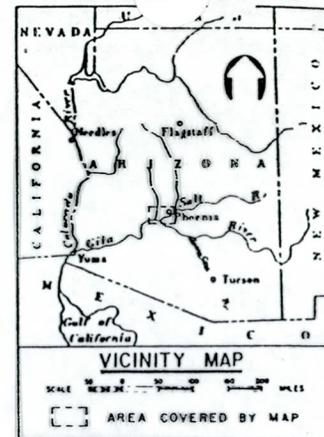


OLD CROSS-CUT CANAL
Benefit Cost Ratio
(From F3 Conference to Oct 88)
(Millions of \$ at 8 5/8%)

	<u>F3 (2/88)</u>	<u>Rev. (10/88)</u>
Ave. Ann. Benefits	\$1.599	\$0.463
Ave. Ann. Costs	1.720	1.894
Benefit Cost Ratio	0.93	0.27

OLD CROSS-CUT STUDY
 NETWORK DIAGRAM II
 (F3 CONF. TO APRIL 89 DECISION)





OLD CROSS CUT CANAL STUDY AREA

LEGEND

- AREA UNDER STUDY
- ▨ AUTHORIZED CHANNEL

GENERAL INVESTIGATIONS—SURVEYS
FLOOD DAMAGE PREVENTION STUDIES

PHOENIX METROPOLITAN AREA
OLD CROSS-CUT CANAL
ARIZONA

LOS ANGELES DISTRICT
SOUTH PACIFIC DIVISION
1 JANUARY 1985

MILESTONES
OLD CROSS-CUT CANAL

	<u>COMPLETION DATE</u> <u>SCHEDULED/ACTUAL</u>	
INITIATE STUDY	5/85	5/85
PUBLIC WORKSHOPS	2/87	2/87
CONFERENCE #1 (F3)	2/88	2/88
DRAFT REPORT OF NO FURTHER FEDERAL ACTION TO SPD	4/89	4/89

REPORTS RECOMMENDING NO FEDERAL ACTION
APPLICABLE REGULATIONS

1. EC 1105-2-168

"...if there is no potential for a ..implementable plan...a report for transmittal to the Congress shall be prepared in accordance with ER 1105-2-10, para 1-6c and ER 1105-2-60, para 1-6a(2).

2. ER 1105-2-10, para 1-6c

"...if it becomes apparent the criteria in paragraph 1-11 (recommendation for implementation) cannot be met, division commanders shall terminate or reclassify studies. When no recommendation for Federal action is to be made, the goal will nevertheless be to conclude the study in such a way that a useful product can be provided to local interests."

3. ER 1105-2-60, para 1-6a(2)

"Final reports recommending...no Federal action...shall be organized and processed generally in the same manner as those recommending Federal action. However, such reports may be abbreviated to the essential information needed to support the recommendation..."

SECTION 5
MILESTONES

OLD CROSS-CUT CANAL

	<u>Completion Date</u>	
	<u>Scheduled/Actual</u>	
Initiate Study	5/85	5/85
Public Workshops	2/87	2/87
Conference #1 (F3)	2/88	2/88
Conference #2 (F4)	12/88	*
Draft Feasibility Report to SPD	4/89	*
Field Level Coordination	6/89	*
Final Public Meeting	6/89	*
Final Feasibility Report to SPD	8/89	*
Final Feasibility Report to BERH	9/89	*

* April 1989 position paper and recommendation to SPD will determine milestone schedule.

KEY ACTIVITIES
OLD CROSS-CUT CANAL

PREVIOUS 90 DAYS

- * SPD GUIDANCE TO REVIEW AND CONFIRM ACTIONS SINCE F3 CONFERENCE
- * MEETINGS WITH FCD AND CITY TO EXPLORE OPTIONS
- * TECHNICAL SECTION REVIEW AND REAPPRAISAL

NEXT 90 DAYS

- * PREPARE DRAFT REPORT RECOMMENDING NO FURTHER FEDERAL ACTION
- * PROVIDE DRAFT TO SPD BY APRIL 1989

FINDINGS

OLD CROSS-CUT CANAL REVIEW

* CITY CANNOT COMMIT TO CONSTRUCTION AND FUNDING OF LOCAL STORM DRAIN SYSTEM

* TECHNICAL SECTION REVIEW CONFIRMED FINDINGS SINCE F3

* SUBSEQUENT MEETINGS WITH LOCALS/DISTRICT TECH SECTIONS COULD NOT DEVELOP A POSITIVE SOLUTION

PHOTO COLLECTION
FOR
OLD CROSS-CUT CANAL

(MAY & OCTOBER 1988)



LOOKING SOUTH AT WILLETTA BRIDGE
(MAY 88)



LOOKING NORTH AT MCDOWELL BRIDGE
(MAY 88)



LOOKING SOUTH AT CURVE IN CHANNEL
SOUTH OF HOLLY ST. (MAY 88)



LOOKING NORTH AT HOLLY STREET BRIDGE
(MAY 88)



LOOKING SOUTH AT HOLLY ST. PEDESTRIAN
BRIDGE & DROP STRUCTURE (MAY 88)



BANK STABILIZER SOUTH OF HOLLY STREET
(MAY 88)



LOOKING NORTH AT THOMAS RD. BRIDGE
(MAY 88)

LOOKING SOUTH FROM THOMAS
(MAY 88)

LOOKING SOUTH AT OSBORN ROAD CROSSING
(MAY 88)



LOCALIZED EROSION OF INDIAN SCHOOL
(MAY 88)

*^
south of*



OLD CROSS CUT CANAL SOUTH OF INDIAN SCHOOL
(MAY 88)



LOCALIZED EROSION SOUTH OF INDIAN
SCHOOL (MAY 88)



INDIAN SCHOOL BRIDGE OUTLET LOOKING SOUTH (WEST SIDE)
(MAY 88)



INDIAN SCHOOL BRIDGE OUTLET LOOKING SOUTH (EAST SIDE)
(MAY 88)



LOOKING SOUTH FROM INDIAN SCHOOL
(MAY 88)



INDIAN SCHOOL BRIDGE LOOKING NORTH
(MAY 88)

LOOKING SOUTH AT INDIAN SCHOOL ROAD
(OCT. 88)



GATES AT ARIZONA CANAL; LOOKING NORTH, ARIZONA CANAL
DRY FOR MAINTENANCE (MAY 88)



LOOKING SOUTH FROM THE ARIZONA CANAL
(MAY 88)



LOOKING SOUTH AT GATES INTO ARIZONA CANAL WHICH IS DRY
FOR MAINTENANCE (MAY 88)

5-10-88

LOCALIZED EROSION SOUTH OF ARIZONA CANAL
(MAY 88)

GATES AT ARIZONA CANAL
(MAY 88)



LOCALIZED EROSION OF THE ARIZONA CANAL
(MAY 88)

South

2076
750



GATES AT ARIZONA CANAL OPENED FOR DRAINING THE CANAL
(OCT. 88)



GATES AT ARIZONA CANAL OPENED FOR DRAINING THE CANAL
(1/2 HOUR LATER) (OCT. 88)



GATES AT ARIZONA CANAL, LOOKING NORTH ALONG OLD CROSS
CUT CANAL (OCT. 88)



STORM GRATE AT 64TH. STREET
(OCT 88)

LOOKING SOUTH AT OSBORN
(JUNE 79)

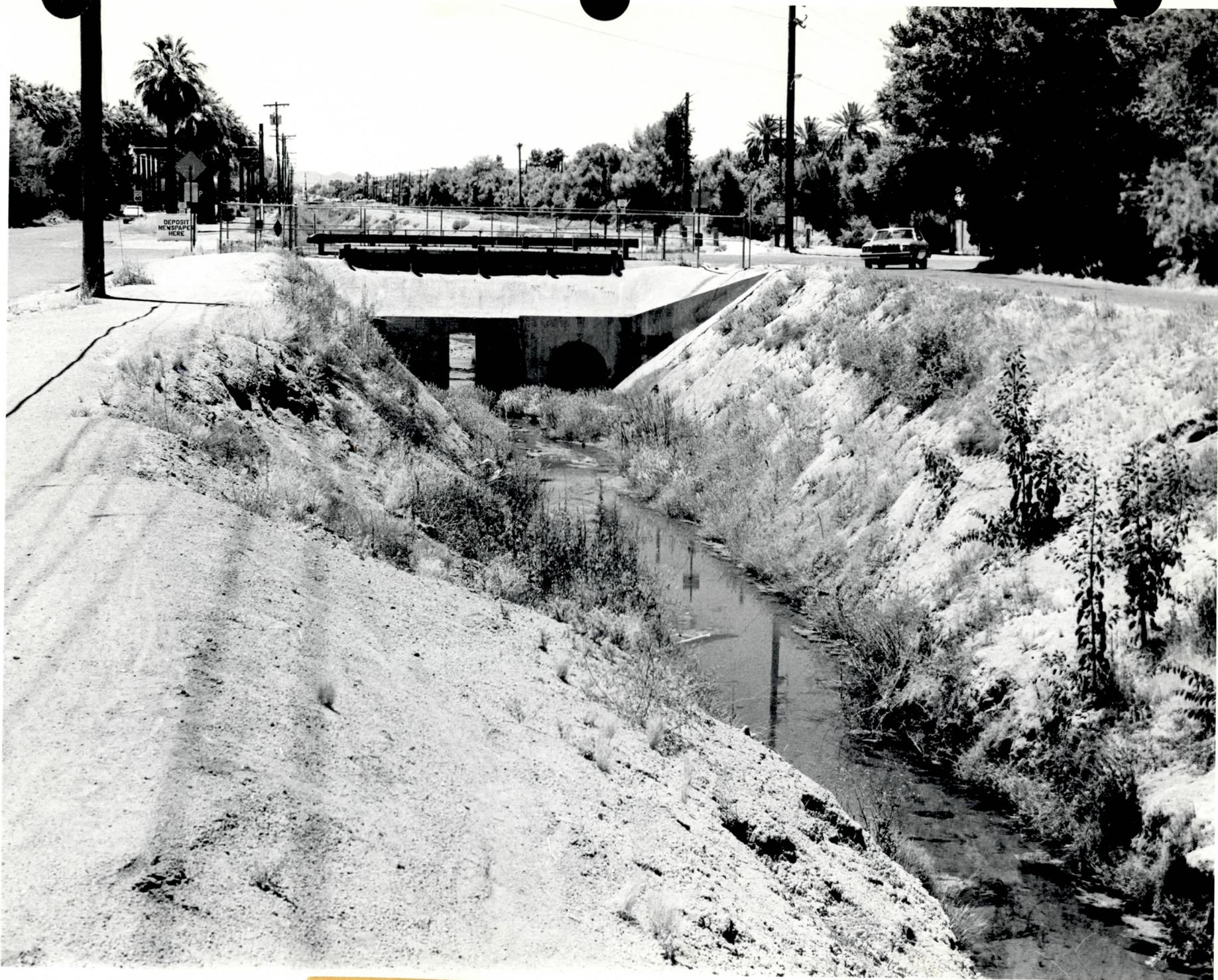


FIG II-59