

# FLOODING EVENTS 1966-1970

Library Call No. 007.105.1

0	Year	Title of Newspaper Article	x	Key Words
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**Year** - Articles are all sorted by year

**Title of Newspaper Article** – Name of article

**X** – Separator between columns

**Key Words** – Key words in article

0	Ye	Title of Newspaper Article	x Key Word
1	January 3, 1966	City Would Gain Flood Protection - Bond Issue: Part 1	x U.S. Army Corps of Engineers, Maricopa County, U.S. Army Corps of Engineers, Gila and Salt River Channel Clearance Levees, Channel Development for Agua Fria River, New River, Skunk Creek, Scottsdale, Lower Indian Bend Channel, Maxwell (Orme Dam), Terminal Storage Reservoir, Verde River, North Phoenix Mountains Channel, Arizona Canal, 36th Street, 48th Street, Old Cross Cut Canal, Gila-Salt River Channel Clearance, Tempe, Granite Reef, Gillespie Dam, Maricopa Citizens Flood Protection Committee
10	January 13, 1966	Hasty Temporary Restoration of Flood-Damaged Streets Underway	x Arizona Highway Department, Tempe, Flood Damaged Lane, Mill Avenue, Salt River Flow Ceases, Bridge, Rebuilt, Curry Road, Thick Layer of Sand and Silt, Washed Out Strip Country Club Drive, Mesa, North Mill
11	January 13, 1966	Flood Water Dangers Told	x Phoenix, Possible Drownings, Disease, Mosquito Infestation, Recent Floods, State Health Department
16	January 13, 1966	Flood Mystery	x Salt River, Vehicle, Sun Devil Stadium
15	January 17, 1966	Scottsdale 1-Day Water Wonderland	x 2Inches Rain in 4 Hours, Salt River Project, Arizona Canal, McDonald Drive, Indian Bend Road, Indian Bend Wash, Camelback Road, Indian School Road, Hayden Road, McDowell, Scottsdale, Pima Road, Jackrabbit Road, Granite Reef Road, Salt River Indian Reservation, Vista del Camino, Canal Overflowed Banks, 68th Street and Lafayette, Calle Redondo, Safari Hotel, Motorist Became Stranded, Built in Natural Wash, Flooded
12	January 19, 1966	Reject Sewer Claims	x Claims, Sewer Back-up, Salt River Flooding, Salt River Project, Arizona Public Service Co., Priest Road and First Street
17	February 10, 1966	Too Much Spells Trouble	x Sudden Runoff, Snow-Melting, Salt River
2	February 18, 1966	Progress Editorial Page - Flood Control and the Parks	x Maricopa County Property Owners, Vote March 8, Bonds, Salt River Floods, Comprehensive Flood Control, U.S. Army Corps of Engineers, Scottsdale Residents, Lower Indian Bend Channel, Arizona Canal, Salt River, Mayor Tims, Col. John Lowry, Maricopa County Flood Control Project, Parkland
18	February 22, 1966	Five Polling Places Set for Thursday's TD3 Bond Election	x County Flood Control Bond Proposition, Scottsdale Road, Salt River, Steel Culvert, Granite Reef Dam, Scottsdale Road Culvert, Mill Avenue, December-January Floods, Tempe Bridge
3	March 1, 1966	Flood Control - Bond Issue Polls Named	x Polling Places, Bond Election, U.S. Army Corps of Engineers, Flood Control District
19	March 2, 1966	Six Voting Precincts Set for March 8th	x Flood Control Bond Issue, Tempe, Maricopa County
20	March 2, 1966	Rights of Way - Channel to Use Additional Land	x 12-mile Diversion Channel, Arizona Canal, Rights of Way, Countywide Flood Control Program, John C. Lowry, 12th Street, Skunk Creek, Phoenix, West Phoenix, Glendale, Maryvale, Sunnyslope
21	March 2, 1966	With Levees for Tempe, Flood Control Approved	x Levee Protection, Indian Bend Floodway, Salt River, Tempe Chamber of Commerce, Flood Control Bond Issue, Maricopa County Flood Control District, Tempe, Arizona State University, Army Engineers, Mayor John Moeur, Francis Cocke, Flood Control Advisory Committee
22	March 8, 1966	Early Bond Vote Light - Polls to Remain Open Until 7 Tonight for Voting on \$22.7 Million Flood Control Issue	x Tempe, Maricopa County, Flood Control Works
23	March 9, 1966	Property-Owners Say 'No' - Flood Bond Vote Loses by 3 to 1	x Tempe, Maricopa County, Defeating, Increased Property Taxes, County Flood Control District, Comprehensive Flood Control Program
4	March 17, 1966	Levee Projects Considered	x Levees, Salt River, Phoenix, Tempe, Maricopa County Flood Control Advisory Committee, John C. Lowry, Seventh Avenue, 16th Street, 40th Street, U.S. Army Corps of Engineers, Arizona Public Service, Rights-of-Way, Diversion Channel, Apache Junction, Soil Conservation Service, Converting Two Gravel Pits, Base of South Mountain, Reservoirs, Tempe Levee, South Phoenix Project
24	August 18, 1966	Storms Fury Vented Here - Mill Avenue Underpass Temporarily Flooded, O'Malley Building Partially Unroofed by Wind	x Hard Hitting Wind, Rain Storm, Tempe, One Inch of Rain in One Hour, Heavy Water, High Water, Fourth and Fifth Streets, Mill Avenue, Underpass, Apache Boulevard and Broadway, University Drive, Priest Drive, 48th Street, McAllister, Arizona Public Service, Hard-Driving Rain

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5	September 13, 1966	Scottsdale Progress Daily Flooding Photos	x Cars and Trucks Mired, Granite Reef Road, Arizona Canal, Coronado High School, 76th Street
6	September 13, 1966	After Heavy Rain - Arizona Canal Fails - Northeast Evacuation Near	x Scottsdale Families, Evacuation, Arizona Canal at Pima Road, Break in Canal, Calle, Redondo, Overflow, Salt River Project, Runoff, Breach, 25 Feet Wide, Natural Wasteway, Salt River, Hayden and Indian School Roads
6	September 13, 1966	Schools Closed, City Cut in Half	Torrential Rains, Scottsdale, Flooding Homes, Arizona Canal Collapse, Pima Road, Granite Reef Road, North of Jackrabbit, Evacuation Orders, 2.78 inches of Rain, 2.25 Inches of Rain at 48th Street and Indian School Road, McDowell Road, West Phoenix, Grand Canal, Water Flowing Four Feet Deep, 40 Yards Across at Salt River and 24th Street, 70th Street and Pinchot
13	September 14, 1966	Flood and Mud Washed up Some Heroes	x Backwash, Scottsdale Road, 76th and MacDonald Drive, Hip-Deep Water, Safari Hotel, Scottsdale and McDowell, Hayden Road, Canal Break-through, Wallet-High Water, Hallcraft-area, Arizona Canal-Pima Road, Biltmore Fashion Park
14	September 14, 1966	Heaviest Rain in 10 Years Leaves Valley Foundering	x Hurricane Helga's Storm System, Flash Flood Warnings, Southern and Eastern Arizona, Homes Flooded, Street and Highway's Closed, Phoenix, Scottsdale, Maryvale, Tolleson, Salt River, Salt River Project, 1.84 Inches Rain in Valley, Heaviest Since 1955, 5 Inches Rain at 51st Avenue and Van Buren
7	November 29, 1966	Flood Plan Offered for Scottsdale	x Reduce Flood Hazards, Scottsdale, Detention Channels, Flow Ducts, Retard Flooding, McDowell and Phoenix Mountains, Retention Structure, Old Verde Canal, Indian Bend Wash, Scottsdale Road, Pima Road, Indian Bend, Protection
8	November 29, 1966	Scottsdale Problem - Pond Top Choice in Flood Control	x Scottsdale, Flood Water Rushed through Indian Bend Wash, 1943, Deluge of 1943, McDowell Road, Scottsdale Road, Hayden Road, Salt River Bed, Break, Arizona Canal, Flood Waters, Paradise Valley, Shea Boulevard, 14-Foot-High Dike, 10-Foot Pipeline, Pima Road, Public Law 701, Cross-Cut Ditches, 64th and 48th Streets, Bond Issue Failed
9	Undated, 00, 1966	50 Told Site of Houses Flood-Prone (& More About Flood Area)	x Scottsdale, Owners, 50 Homes, Flooding, Phoenix-Scottsdale Boundary, Built in Known Flood Prone Area, John C. Lowry, Maricopa County Flood Control Engineer, Scottsdale, Salt River Project, Calle del Rosa, Calle del Redondo, 56th and 68th Streets, Over Flow Spilling, Arizona Canal, Runoff, Wasteway Gates, Salt River
48	January 23, 1967	Guadalupe Flood Study Requested - Supervisors Seek Federal Fund to Make Drainage Survey in Area South of Tempe	x Supervisors of Maricopa County, Study of Major Drainage Project, Guadalupe, Tempe, Maricopa Flood Control District, Comprehensive Flood Control Drainage Project, Mesa, Chandler, Gilbert, Gila Drainage Project, Corps of Engineers, U.S. Soil Conservation Service, Citizens Advisory Board, Storm Runoff
49	January 24, 1967	Flood Study Asked for Guadalupe	x Maricopa County Board of Supervisors, Guadalupe Area, Tempe, County Flood Control District Advisory Board, U.S. Soil Conservation Service, Protection, Gila Drain Project, Mesa, Chandler, Gilbert
47	April 27, 1967	Watershed Plans for Harquhala Approved by SCD	x Buckeye-Roosevelt Soil Conservation District Board of Supervisors, Harquahala Valley Watershed, Soil Conservation Service, Maricopa County Flood Control District, Harquahala Valley Improvement District, Constructing Diversions and Reservoirs, Damage Irrigated Crop Land, Centennial Wash, Conservation Work, Work Plan, Ratio, Annual Benefits, Flood Water, Mountains, Eagletail Watershed, Gathering Data, Soils, Geology, Damage from Previous Floods
35	May 29, 1967	Dams Proposed for County Area	x Experimental Dams, Cave Creek-Carefree Area, Col. John C. Lowry, Cave Buttes and Dreamy Draw Dams, Phoenix, Earthen Affairs, Upper Blue, Blue, Galloway, Rowe, Flash Flood Waters
40	June 1, 1967	Flood Control Engineer Backs Check-Dam Proposal	x Check-Dam Proposal, Supervisor B.W. Burns, Small Earthen Dams, Cave Creek Area, John C. Lowry, Hydrology, Cost Benefit Ratios Studies, "Piddling" Approach to Flood Control, Cave Creek-Carefree Area, Little Reduction of Floodwaters, Cave Creek Watershed, Phoenix, Robert Esterbrooks

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25	June 9, 1967	New Flood Project Due for Signing	x County Board of Supervisors, Three Earthen Filled Dams, Apache Junction Area, County Flood Control, Col. John Lowry, U.S. Soil Conservation Service, Vineyard Road Dam, Powerline Dam, Rittenhouse Dam, 1968, Powerline Floodway, Outlet, Dam's Spillway Flood Control Project, General Motors Desert Proving Ground, Williams AFB
26	June 12, 1967	Dam Agreement Entered by County	x County Board of Supervisors, U.S. Soil Conservation Service, Powerline Dam, Vineyard Road Dam, Rittenhouse Dam
27	June 15, 1967	Flood Job Moves Forward	x Board of Supervisors, Federal Government Approval, Three Earthfill Dams, Protect Eat Maricopa County, Vineyard Road Dam, U.S. Soil Conservation Service, Powerline Dam, Apache Junction, Rittenhouse Dam, Pinal County, Maricopa County Flood Control District, Protect Apache Junction - Gilbert and Williams Watersheds, General Motors Desert Proving Ground, Williams Air Force Base, Powerline Floodway, Roosevelt Water Conservation District Canal, Concrete-lined Channel
30	July 22, 1967	Need for Lower Gila Flood Control Emphasized at Green Belt Hearing	x Green Belt, Gila, Hassayampa to Mohawk, Maricopa County Flood Control District, Bureau of Reclamation, Flood Control, Erosion-Prevention Program, Buckeye Irrigation Co., Diversion Dam, Jig Floods, River Bed Choked, Salt Cedars, Bureau of Land Management, Land in Public Ownership, River Sand, Alkali Flats, Mesquites, Greenbelt Land, Enabling Act, State Game and Fish Department, State Park Director, Col. John Lowry, Channelization, Build Roads, Bridges, Sanitary Landfills
31	July 22, 1967	Floodway to Protect Farms of Arlington	x Land owners, Arlington, Mile-Long Floodway, Maricopa County, Siphon, Arlington Canal, Old Highway 80, Buckeye, Gila River, Right-of-way Easements, Soil Conservation Service, Historic Summer Flood of 1952
28	July 00, 1967	Arizona	x Ashton Company Inc., Construction Powerline Floodway, Apache Junction-Gilbert Watershed, Convey Floodwaters, Flood Prevention Reservoirs, East Mesa, Soil Conservation Service, Flood Control District of Maricopa County
38	August 16, 1967	Flood Board Plans Parley on Dams in Cave Creek	x County Flood Control Advisory Board, Small Check Dams, Cave Creek Area, Flood Control Substitutes, Cave Buttes and Dreamy Draw Dams, Phoenix, Col. John C. Lowry, Painted Rock Dam, Gila River, "Big Dam Foolishness", 1953, Washington, North American Wildlife Conference, Soil Erosion, 1950s, Agua Fria Soil Conservation District, Detention Dams, White Tank Mountains, McMicken Dam, Powerline Dam, Hydraulic Studies
39	August 16, 1967	Tucson Firm Lowest on Vineyard Dam Bid	x Ashton Company Inc., Low Bidder, Vineyard Road Flood Control Dam, Apache Junction, Maricopa County Flood Control District, Pulice Construction, Challenged, John C. Lowry, Earthen Work, Powerline Dam, General Motors Proving Ground, Williams Air Force Base
29	August 17, 1967	Bid on Dam at Junction is Protested	x Tucson Firm, Phoenix, Bid Challenged, Vineyard Road Dam, Apache Junction, Ashton Company, County Flood Control Department, Pulice Concrete Construction, Pinal County, Maricopa County Flood Control District
51	August 25, 1967	Upper New River Dam Revived	x County Flood Control District, Suggestion of Peoria Rancher Oscar Recker, Army Corps of Engineers, Upper New River Dam, Town of New River, John C. Lowry, Park and Recreation, Game and Fish, Soil Conservation People, Justification for Project, Benefit-Cost Basis, Divert, Lake Pleasant, Agua Fria, Skunk Creek, Sun City, Flood Flow, Cave Buttes Dam, Phoenix Flood Protection Program
41	August, 00, 1967	Burns Still Likes Small Flood Dams	x Maricopa County Supervisor B.W. Burns, Midget Dams Project, Cave Creek, Inexpensive Approach, John C. Lowry, Hydrology Study, Phoenix,
32	September 5, 1967	Cloudburst Floods Areas in Buckeye	x Cloudburst, Buckeye, Torrents, Rain Water, Flooded, 1.85 Inches in Less than 2 Hours, Heaviest Rain, Flooded Homes, Highway 80, Scottsdale, Phoenix, Sky Harbor, 115th Avenue and Lower Buckeye Road, Gila Bend, Luke Air Force Base, Laveen, South Phoenix, Ft. Huachuca, Tucson, Nogales, Bisbee, Coolidge, Parker, Payson, Prescott Airport, Flagstaff, Williams, Superior

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33	September 6, 1967	2-Inch Rain Floods Sections of Buckeye - Canal Overflow Reaches Into Homes, Stores	x Downpour, 2-Inchs of Rain, Roosevelt Irrigation District Canal, Overflow, Flooded, Breaks, RID Canal, Washed Out Bridge, US 80 South of Gillespie Dam, Ft. Huachuca, Tucson, Gila Bend, Heber, Bisbee, Luke Air Force Base, Scottsdale, Tempe, Sky Harbor Airport, Phoenix, Yuma County, Road Damage, Flooding, Gila River Crossing, Salome, Hyder Area
34	September 7, 1967	Buckeye Hit by Wind, Water - Sections of Stores Damaged	x Buckeye, Highway 80, Wall of Water
42	September 14, 1967	Supervisors Discuss Flood Control Levies	x Maricopa County, Board of Supervisors, Cave Creek and Cave Buttes Dams, John C. Lowry
46	October 4, 1967	Single Dam Could Provide Flood Protection, According to ASU Survey	x Single Dam, Granite Reef Dam, Geographical Study, Arizona State University, salt River Channel, Zoning Regulations, Flood-control Dam, Land Use Regulations, Phoenix Area, 1891, 1965-66, Salt River Project Reservoirs, Salt and Verde Rivers, Orme Dam Proposals, Central Arizona Project, Storage Dam, Since 1941
36	October 16, 1967	3-Cent Hike In Flood Tax Looms for 2 Control Dams	x Maricopa County Board of Supervisors, Cave Buttes and Dreamy Draw Dams, Joint Engineers Flood Control Committee, Phoenix, Deer Valley, Scottsdale, Right of Way, U.S. Corps of Engineers, Col. John C. Lowry, Congress, 1966, Gila River, Without Carry Away Channels, Ungated Outlets
37	October 23, 1967	Supervisors May Give OK for Flood Control Dams	x Flood Control Dams, North of Phoenix, John C. Lowry, County Board of Supervisors, U.S. Army Corps of Engineers, Cave Buttes, Dreamy Draw, Deer Valley, Salt River, Cave Creek Dam, County Flood Control Advisory Board, Washington, County Flood Control District, Comprehensive Report on 1963, Bell Road, 1923, Northern and 16th Street, Sunnyslope, David C. Cox, Arizona Homeowners Association, Soil Testing
44	November 7, 1967	Valueless Dams	x Dreamy Draw Dam, 12th Street and Kahler, Northern Avenue, 12th Street, 16th Street, Arizona Canal, Flood-Devastated Area, Chicken Coop Washed Away, 15th Street and Myrtle, Water in Living Room, 13th Street and Winter
45	November 21, 1967	Weigold Elected by Flood Group	x Wilbur Weigold, Maricopa County Flood Control Citizens Advisory Board
52	November 24, 1967	Commission Gives Support to Diversion Dam Proposal	x Upper New River Dam, Divert, Lake Pleasant, County parks and Recreation Commission, John C. Lowry, Cost-Benefit Studies, Town of New River, U.S. Corps of Engineers, Peoria Rancher Oscar Recker, Confluence of New River and Skunk Creek
43	December 21, 1967	Controlled Runoff	x Zanjero, Salt River Project, Cave Creek Flood Control Dam
50	January 3, 1968	Water Content in State Snow at Record Level	x Arizona's Snow, Record Amounts of Water, U.S. Soil and Water Conservation Service, Sky Harbor, Phoenix, Flagstaff, Mogollon Rim, White Mountains, Greater, Snow Season, 1949, Gila River Drainage Area, Safford-Duncan, San Carlos Lake, Casa Grande-Coolidge-Sacaton District, Mt. Ord, Mt. Baldy, Maverick Fork, Salt River, Colorado River System, Prescott, Payson, Strawberry, Ponderosa Camp Ground, Tonto National Forest, White Spar, Iron Springs, Copper basin Divide, San Francisco Peaks, Snow Bowl Lift, Agassiz Peak, US 89, Mormon Lake, Verde River Drainage, Early Runoff, Warm Rains, Cold Snowstorms, Eastern Arizona, New Mexico, Salt River, Gila River, Salt River Project, Bradshaw Mountains, Agua Fria River, Lake Carl Pleasant, Northwest of Phoenix, Kingman, Highway 66, Winslow, Arizona Game and Fish Department, Hay Dropped, Cargo Planes

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Analysis of the Failure of Indian School Bridge.....	80.0-00-0-00/00
Assessment of Flood Damages Salt-Gila Aqueduct - Reach B...	80.4-00-9-10/84
Assessment of Flood Damages Salt-Gila Aqueduct - Reach B...	80.4-00-9-07/84
Arizona and WC New Mexico/November 1978-March 1979 Floods..	80.6-00-9-03/79
Compilation of Flood Data Maricopa 1965.....	70.6-00-1-06/67
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Flood Conditions Along Salt River.....	36.0-00-9-12/59
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Flood Damage Report-December 1978 Flood.....	80.2-00-1-11/79
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Flood Damage Report February 1979.....	80.2-00-9-02/79
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Flood of June 22, 1972.....	80.2-00-9-06/72
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*Scottsdale  
Daily Progress  
1-3-66*

# City would gain flood protection

## Bond issue: Part I

By PETER BOULAY  
Progress Staff Writer

On March 8 a package plan to provide comprehensive flood control for all of Maricopa County, scheduled ultimately to cost over \$100 million, will be presented to voters.

The March 8 election specifically asks the voter whether bonds in the amount of \$22.7 million can be sold to pay for the county's share of the total expenditure, which would provide rights-of-way and future maintenance for the 29 projects that would be built by the U.S. Army Corps of Engineers.

If approved, the local money would be supplemented by \$93 million in federal funds for construction of the projects.

To be eligible, voters must own property in the county and must have lived in the county one full year by March 8. In addition, they must have registered to vote prior to Feb. 8.

The election ballot will stipulate that the bonds will be issued only when needed and in amounts that will not cause the flood control district's bonded indebtedness to exceed three per cent of the assessed valuation of taxable property in the county.

Included in the 29 projects are the massive \$34 million Gila and Salt River channel clearance levees, and the \$25 million channel development for Agua Fria, New River and Skunk Creek. Most of the cost of both of these projects would be borne by the federal government.

Of particular interest to Scottsdale residents are the following projects which, according to the U.S. Army Corps of Engineers, would in some manner provide flood control for Scottsdale.

1. Lower Indian Bend Channel, proposed by the Corps as a 170-foot-wide concrete channel extending for seven miles through Scottsdale.

2. Maxwell (Orme) Dam, providing an additional 672,000 acre feet of storage for flood control to the proposed terminal storage reservoir at the dam site at the confluence of the Salt and Verde Rivers. This would reduce a flood of 320,000 cfs to 170,000 cfs.

3. North Phoenix Mountains Channel, which would deepen the Arizona Canal from 38th St. to about 48th St. Flood flows would be carried eastward to empty into the old Cross-cut Canal.

4. Gila-Salt River Channel clearance and levees, which provides for construction of levees in the vicinity of Tempe and the clearing of a 2,000 foot channel from Granite Reef to Gillespie Dams.

These four projects would give some measure of protection to Scottsdale, although financing of all of them will be done on a county-wide basis.

According to the Maricopa Citizens Flood Protection Committee, the cost of the bond issue to the average homeowner (\$15,000 home) would be "about 35c a month."

(Next. Controversial aspects of the flood control program.)

## **PROGRESS EDITORIAL PAGE**

# Flood control and parks

2-18-66

Maricopa County property owners will vote March 8 on a proposal to finance \$22.7 million in bonds as the local share of a \$116 million flood control project.

Recent Salt River floods have dramatized the obvious need for a comprehensive flood control program. The federal government is willing to pay \$93 million toward the gigantic system designed to protect the entire county from the severest floods that are likely to occur in a 100-year period.

The flood control project, if passed, must be completed generally within specifications already drawn up by the U.S. Army Corps of Engineers. But, these plans are subject to change.

One of the 30 projects deserves especially careful scrutiny by Scottsdale residents.

According to the Corps of Engineers' plans, Lower Indian Bend Channel would be a concrete-lined, seven-mile ditch from the Arizona Canal south to the Salt River. The channel would vary between 140 and 170 feet wide at the top, including service roads on each side, and from 23 to 26 feet deep. It would be below ground level and would carry floodwaters of 40,000 cubic feet per second.

Cost of this part of the project is \$9,020,000 with \$7,250,000 of that amount supplied by the federal government. The local \$2 million would be spent for acquisition of rights and future maintenance.

To the extent that the Corps of Engineers plan would provide flood safety, it is an excellent plan. However, there are other aspects of this particular project. The obviously distasteful sight of a wide concrete channel running nearly the length of Scottsdale, does not appeal to us.

There may be another solution. This would be to construct a smaller channel, perhaps 45 feet wide, sufficient to control floods of a magnitude occurring every 10 or 20 years. The Corps estimates that such a channel would have to hold run-offs of between 12,500 and 19,000 cubic feet per second, instead of the 40,000 cfs for which their 170 ft. channel is designed.

Surrounding this channel, municipal recreation areas including golf courses, picnic grounds and riding trails could be built. Even if these facilities were damaged they could be reconstructed at less cost than the 170-foot concrete channel.

Mayor Tims has received a letter from Col. John Lowry, chief engineer of the flood control district, indicating that the Corps is willing to allow the City Council to review plans prior to construction of the Lower Indian Bend channel.

With this assurance we are in favor of the Maricopa County flood control project. It will protect the public from future flood devastation. And if parkland can be provided along the Indian Bend Wash at the same time, Scottsdale will really benefit.

## Wiggle, jiggle

Some call it a wiggle, some call it a jiggle. Either way, the words accurately describe the rolling gait of many women.

Dr. Louis H. Paradies, bone specialist at the University of Texas, told a meeting of surgeons that there is no physiological reason why women should wiggle when they walk.

The good doctor says that the ladies learn to do it deliberately. Films he took show that the wigglers take short steps and keep their knees stiff.

Some of Hollywood's more glamorous wigglers argue with this conclusion. Diane Cilento insists that "women wiggle naturally. They are more flexible creatures than men and more mobile. That's why they wiggle."

Ursula Andress, another fine example of female architecture in motion says, "Wiggling is very pretty if you do it right." No argument there.

WILMINGTON (DEL.) NEWS

*Scottsdale  
Daily Progress*

# Bond issue polls named

3-1-66

Nine polling places have been assigned to Scottsdale residents for the March 8 bond election for a comprehensive flood control project for Maricopa County.

The Maricopa County Elections Board has consolidated the number of polling places in the county to about one-fifth of normal.

Adult taxpayers who own real property within the boundaries of Maricopa County and who have resided in the county for a year or more are eligible to vote if they have registered.

The ballot asks voters to approve or reject the issuance and sale by the county's Flood Control District of \$22.7 million in general obligation bonds.

The district has stipulated that the bonds will be issued only when needed and in amounts that will not cause the district's bonded indebtedness to exceed three per cent of the assessed valuation of taxable property in the county.

Polls will be open March 8 from 6 a.m. to 7 p.m.

The nine polling places for Scottsdale residents are as follows:

Residents of the Cochise and

Hohokam precincts vote at Hohokam.

Tonto, Coronado, Oak Park and Tonalea precincts are combined at Coronado.

Maricopa, Mohave, Navajo and Pima are combined at Navajo.

Paiute, Scottsdale East and Scottsdale West are combined at Loloma.

Arcadia, Hopi, Kiva precincts are combined at Kaibab.

Ingleside, Piccadilly and Zeni precincts are combined at Ingleside.

Kachina, Olivette and Ventura precincts combined at Kachina.

Supai, Tempe 3 and Tempe 4 precincts combined at Supai.

St. Daniel and Yavapai precincts combined at Yavapai.

## Levee Projects Considered

By CLYDE A. MURRAY

Levees on the Salt River in Phoenix and Tempe may be constructed despite defeat March 8 of the flood control bond issue.

The Maricopa County flood control advisory committee, meeting yesterday for the first time since the election, decided

to make a definitive study to determine what projects can be pursued with operating funds.

RESULTS of the study will be presented to the Board of Supervisors, which serves at the Maricopa County Flood Control District board of directors.

John C. Lowry, chief flood control engineer, told the advisory

board there are a number of small projects he feels could be constructed with funds available from a special flood control levy of 2 cents per \$100 assessed valuation.

Among the projects he listed are a Salt River levee system at Tempe and smaller levees in

Phoenix along the river near Seventh Avenue, 16th Street and 40th Street.

THE U.S. ARMY Corps of Engineers has approved the Tempe levees and would build them, Lowry said. Since Arizona Public Service Co. and the City of Tempe have agreed tentatively to provide rights of way, the only major expense to the flood control district would be an estimated \$5,000 a year in maintenance costs, he said.

Lowry said a levee and diversion channel project 2 miles

south of Apache Junction which would be constructed by the Soil Conservation Service, could be started almost immediately, since SCS funds are available.

A third project he listed would give flood protection to a south Phoenix area. He said it would involve converting two gravel pits at the base of South Mountain into reservoirs. Floodwaters rushing down the mountain via washes would be restrained and released into a canal.

Lowry said the City of Phoenix, which owns one of the

gravel pits, would be asked to help design the project and provide certain rights of way.

THE TEMPE levees, the South Phoenix project, and the Soil Conservation Service project were included in the \$22.7 million bond issue which was voted down by a 3 to 1 margin.

Henry Raymond, chairman of the advisory board, following a poll of members, said it was the consensus that a study be made to determine what the district could build with existing funds.

## PROGRESS EDITORIAL PAGE

# Flood control and parks <sup>2-18-66</sup>

Maricopa County property owners will vote March 8 on a proposal to finance \$22.7 million in bonds as the local share of a \$116 million flood control project.

Recent Salt River floods have dramatized the obvious need for a comprehensive flood control program. The federal government is willing to pay \$93 million toward the gigantic system designed to protect the entire county from the severest floods that are likely to occur in a 100-year period.

The flood control project, if passed, must be completed generally within specifications already drawn up by the U.S. Army Corps of Engineers. But, these plans are subject to change.

One of the 30 projects deserves especially careful scrutiny by Scottsdale residents.

According to the Corps of Engineers' plans, Lower Indian Bend Channel would be a concrete-lined, seven-mile ditch from the Arizona Canal south to the Salt River. The channel would vary between 140 and 170 feet wide at the top, including service roads on each side, and from 23 to 26 feet deep. It would be below ground level and would carry floodwaters of 40,000 cubic feet per second.

Cost of this part of the project is \$9,020,000 with \$7,250,000 of that amount supplied by the federal government. The local \$2 million would be spent for acquisition of rights and future maintenance.

To the extent that the Corps of Engineers plan would provide flood safety, it is an excellent plan. However there are other aspects of this particular

Surrounding this channel, municipal recreation areas including golf courses, picnic grounds and riding trails could be built. Even if these facilities were damaged they could be reconstructed at less cost than the 170-foot concrete channel.

Mayor Tims has received a letter from Col. John Lowry, chief engineer of the flood control district, indicating that the Corps is willing to allow the City Council to review plans prior to construction of the Lower Indian Bend channel.

With this assurance we are in favor of the Maricopa County flood control project. It will protect the public from future flood devastation. And if parkland can be provided along the Indian Bend Wash at the same time, Scottsdale will really benefit.

## EDITORIAL

3-17-66

Wickenburg  
Sun

### No Help From Andrews

T. C. (Doc) Rhodes recently submitted a bill to the legislature calling for a five-man board of supervisors for Maricopa County.

It is a good idea, although we understand it has little chance of passing the state senate.

If it did pass, however, it might mean that we would have some representation on the board of supervisors, which we sure don't have now.

Take the county hospital, as an example.

Pat Riggs and his shadow, Bill Andrews, have decided to locate the proposed county hospital in Tempe, somewhere near ASU. This will be dandy for the indigents in Scottsdale or Paradise Valley, but how about those in our neck of the county? Off-hand we would guess there are about 20 times as many persons who would have to use the county hospital out here than around Tempe.

The late Senator Bill Rhodes and Ruth O'Neill fought to place the new hospital at least at East Van Buren and 24th Street. The newest Riggs proposal "Makes even less sense than the now thoroughly discredited idea of building the hospital in the rolling hills of Papago Park."

The present location at 34th Avenue and West Durango is far superior to any proposed site that has been considered thus far. It is at least within a fair drive from the areas of low income homes.

Mr. Andrews has said he would not run for the board of supervisors again. He can make more money at practicing law. This is fine with us. The sooner the better.

Perhaps he would even like to resign and let someone take over his job who would be willing to represent the people of District 3, the district he is nominally supposed to serve.

In the meantime, stay well, everybody.

— PEORIA TIMES

*Scalledaly Party Progress*

*9-13-66*

*photo 1*



**Cars and trucks became mired down on Granite Reef Rd., just south of the Arizona Canal**



**SHIPS** were launched on 76th St. near Coronado High School by Jim Pennington, 11 (left), and Mark Severson, 8.



**WADING** was the order of the day for these Coronado High students who were celebrating the closing of school by high water.



**YOUNG** Donald Schienbein, son of Mr. and Mrs. Elmer Schienbein of 8225 E. Granada, is helped across ditch by William Turner and Gene Carr, employes of a service station at Hayden and Indian School Rds., this morning. Donald and his mother were stranded when their car was flooded on Hayden Rd. north of Indian School.

Progress photos by  
Hal Moore and Lee Gould



Arizona Canal water pours through 25-foot break in south bank at Pima Rd.

# Scottsdale Daily Progress

ARIZONA'S FASTEST GROWING NEWSPAPER

30c Per Week — 10c Per Copy

SCOTTSDALE, ARIZONA, TUESDAY, SEPTEMBER 13, 1966

Vol. VI, No. 177

*After heavy rain*

## ARIZONA CANAL FAILS

### Northeast area evacuation near

By **STU ROBERTSON**

Hundreds of Scottsdale families were prepared for evacuation from the area of the Arizona Canal at Pima Rd. this morning as the canal bank gave way and water poured into the area.

The families were to be moved to higher ground as a precautionary measure if flood waters continued to rise, while police kept a watch on the area for further flooding threats and to prevent any possible looting or panic.

Officials estimated about 400 families were involved in the evacuation preparations.

At the time the bank gave way, the canal was running

about 20 feet deep and officials said the entire south wall at Pima Rd. crumbled.

Although few homes were immediately flooded, the water spread out gradually and any major buildup could inundate the area.

Authorities said it would probably take at least four or five hours to cut off the canal waters.

Another break in the canal was reported about 11:30 a.m. near Calle Redondo near the east city limits, but later reports indicated it was just an overflow.

It was not immediately known how many homes there were flooded, but water was running deeply and swiftly

through the area.

Officials of the Salt River Project issued the following statement today:

"Heavy runoff from the desert this morning caused a break in the Arizona Canal near Pima Rd.

"The breach is about 25 feet wide and water from the canal is running south along Pima Rd. into a natural wasteway which empties into the Salt River.

"SRP crews are on the way with fill to repair the breach."

At the same time, the officials denied there has been any damage to SRP dams. The denial came in response to rumors which they termed "false and unreliable."

### Schools closed, city cut in half

By **JOHN WINTERS**

Torrential rains poured down on Scottsdale this morning, flooding homes, choking traffic and causing the Arizona Canal to collapse at one point.

Water burst through the walls of the canal at Pima Rd., and poured through in both directions, flooding homes to the north and south.

Scottsdale police drove through the Hallcraft area east of Granite Reef Rd. and north of Jackrabbit, calling through loudspeakers for residents to put perishables on high shelves. Earlier they had issued an evacuation order, but it was rescinded.

Willard Groene, U.S. Weather observer at Mummy Mountain, said the rains were the heaviest he had recorded in his 18 years in the Valley. Groene said 2.78 inches of rain

### More pictures on Page 3

had fallen since 3:30 this morning. A weather station at 48th St. and Indian School Rd. reported 2.25 inches.

The Phoenix weather bureau reported "a 100 per cent chance" of more rain.

With many major intersections blocked by swirling water, all Scottsdale public schools were declared closed for the day.

All roads leading east and north of Scottsdale were reported closed, with the exception of Granite Reef Rd. A car was nearly submerged north of Indian School Rd. on Hayden Rd.

Shortly before noon, McDowell Rd., the last link across the Indian Bend Wash, was closed, cutting the city in half.

Among streets blocked by water this morning were 76th St. from Thomas to Osborn; 68th St. from Indian School to Camelback; McDonald from Miller to Granite Reef Rd.; Indian Bend Rd. from Scottsdale Road to Pima Rd.; Chaparral Rd. from Miller to 82nd St., and 86th St. from Jackrabbit to Chaparral.

Four National Guard trucks were dispatched to the Scottsdale area to assist in possible evacuation.

Phoenix was also hit hard by rain water and flooding. Fifty to 60 families were evacuated from their homes in West Phoenix because of flooding from the Grand Canal. Water was said to be flowing up to four feet deep in some areas.

A flow of water "40 yards across" was reported in the Salt River at 24th St. around 10 o'clock. Hayden and Scottsdale Rds., across the river, were still open this morning, however.

No major trouble was reported by utility companies in the Scottsdale area, although downtown Phoenix was blacked out for several hours.

Mountain States Telephone Co. reported a few scattered telephones out. Arizona Public Service Co. reported a major power loss, caused by lightning, in the core of Phoenix, but said they had no trouble in the Scottsdale area.

The entire downtown Phoenix area, a four-square-mile section, lost electric power about 6:30 this morning. According to APS officials, the power loss was caused by lightning damage to switch gear equipment at Third Ave. and Lincoln Drive. Officials said service was restored to most of the area in stages over a four-hour period.

The Scottsdale Public Library had to close the children's room in the basement because of flooding, although the upper floor remained open.

Library officials said there is some book damage in the basement, but no estimate of the amount had been made.

The Safari Hotel on Scottsdale Rd. reported 97 rooms were flooded and city crews rushed equipment there to help remove the water.

At 70th St. and Pinchot, a sump became filled and the water threatened to spill into the surrounding homes.

City officials installed a "hot line" telephone in the city manager's office for direct calling for information and to lodge calls for assistance.

The phone was kept busy throughout the day giving out street flooding information and receiving information on conditions around the city.

## Flood Plan Offered for Scottsdale

SCOTTSDALE — A list of proposals to help reduce flood hazards and protect some of the best land in Scottsdale was submitted by a consulting engineer to the city council last night.

John Erickson, former New Mexico state engineer, suggested a combination of detention channels and flow ducts to retard flooding in the upper areas between the McDowell and Phoenix mountains.

The suggestions included measures for additional protection beyond those in the flood control project rejected by voters here last spring.

A RETENTION structure costing \$500,000 along the Old Verde Canal would serve to catch a small storm, releasing the excess down Indian Bend Wash, Erickson said. The area could store 6,000 acre feet of water.

Also proposed were a small \$60,000 dam in the vicinity of Indian Bend and Scottsdale Road; a channel along Pima Road and Indian Bend for draining off water to the south and a buried conduit down Indian Bend Wash through the city. The latter project might cost as high as \$750,000 per mile, Erickson said.

THE SYSTEM outlined would provide fairly complete protection for a 30,000 cubic-foot-per-second storm. There is no evidence for larger storms in the area, said Erickson.

Council members decided to conduct a more detailed study on engineering costs. They also voted to prepare a preliminary application to the federal government for funds to help finance the projects.

*Gazette*

TUESDAY, NOVEMBER 29, 1966

## SCOTTSDALE PROBLEM

# Pond Top Choice In Flood Control

Gazette's Scottsdale Bureau

SCOTTSDALE—Floodwater rushed through Indian Bend Wash at the rate of 15,000 second-feet (cubic feet per second) in 1943. In last September's storm the rate reached 8,000 to 9,000 second-feet, it was reported.

But because of the coarseness of the soil which absorbed a great deal of the water, and natural channels which carried some of it away, only the deluge of 1943 could be called a flood.

(Indian Bend Wash runs roughly north to south through Scottsdale, crossing McDowell Road between Scottsdale Road and Hayden Road and finally ending at the Salt River bed. A break in the Arizona Canal flooded parts of the wash on Sept. 13, forcing temporary closure of several cross streets in Scottsdale.)

REPORTING last night to the Scottsdale City Council on a study of Indian Bend Wash, John Erickson, a consulting engineer, said most of the flood waters in Paradise Valley would be absorbed by the coarse soil between Shea Boulevard and Indian Bend.

However, he said, a 14-foot-high dike might be useful as a retardant in Indian Bend Wash, or the city might install a 10-foot concrete pipeline or build a canal along Pima Road.

The Pima Road canal could be along either side of the road or down the middle as a median dividing traffic, he said.

STILL ANOTHER possibility, he said, would be a 1,000-acre pond which could serve as part of a park area.

It was this that the council unofficially indicated as its choice of a flood retardant. City Manager William V. Donaldson is to collect engineering data and make an application for Public Law 701 planning funds.

Erickson said the Arizona Canal could be a hazard because of the possibility of breaks, although it has been helpful in some heavy storms because excess water could be turned into the cross-cut ditches at 64th and 48th streets.

Erickson said "there has been

no water of any consequence in the Indian Bend area since 1951," but continued development of the area will contribute to the flood danger in the future.

HE ALSO SAID that, because weather is highly cyclical and because weather records are not very extensive, the flood of 1943 might be small compared to other floods before weather records were kept.

Erickson was retained to do the study after a proposed bond issue for a countywide flood control project failed.

*Scottsdale*

The Arizona Republic 11  
O Tues., Nov. 29, 1966

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## 50 Told Site Of Houses Flood-Prone

SCOTTSDALE — Owners of about 50 homes damaged Tuesday by flooding along the Phoenix-Scottsdale boundary were told yesterday their residences were built in a known flood prone area.

The statement was made by John C. Lowry, chief Maricopa County flood control engineer, one of several county, Scottsdale and Salt River Project officials who met with more than 75 irate residents at the Safari Hotel here.

The meeting was initiated by Richard L. Sutton, 6001 E. Calle del Paisano, Phoenix, who said many homes on his street, Calle del Rosa and Calle del Redondo, between 56th and 68th Streets, were invaded by overflow spilling off the north bank of the

(Continued on Page 11-B, Col. 1)

### More About

## Flood Area

(Continued from Page 1-B)

storm - filled Arizona Canal, Tuesday.

Lowry told the residents a flood problem exists all along the north bank of the westerly flowing canal which acts as a dike across the normal north-south drainage. The canal intercepted the runoff and rapidly filled to capacity even though several wasteway gates to the Salt River were opened, Lowry said.

Many homeowners volunteered for duty on a nine-member committee to further investigate the flooding, which caused as much as \$5,000 damage to some homes.



*Tempe Daily News*

# Hasty Temporary Restoration Of Flood-Damaged Streets Underway

*1-13-66*

Representatives of the Arizona Highway department today paid a visit to Tempe to make a preliminary survey of the flood-damaged north lane of Mill avenue.

Wayland Sizemore, district

traffic engineer of the Highway department and Hayden Brown, state maintenance foreman for the department, accompanied by George Allen, Tempe traffic engineer and Bob Snyder, city engineer assessed the situation at about noon today.

While exact figures will not be available until the Salt River flow ceases altogether, the four men estimated that about 500 feet of Mill under the bridge will have to be rebuilt. This will be at the north end of the stretch of roadway just before it rises up the north bank leading to the Curry road intersection.

Sizemore reported that another approximately 300 feet of the highway, which is now covered with a thick layer of sand and silt, is almost certain to be in good condition. It will just be a matter of clearing off the surface of the road, Sizemore added.

To facilitate traffic flow through the Valley, the top priority demand is the washed-out strip of Country Club drive in Mesa. State work crews and equipment have already begun road rebuilding at that location.

The actual beginning of repair work to North Mill is de-

(Continued on Page 7)

*Mesa Tribune*

*1-13-66*

## Flood Water Dangers Told

PHOENIX (AP)—State health officials have warned parents of possible drownings, disease and mosquito infestation in waters left over from recent floods.

Dr. P. M. Hotchkiss, chief of the State Health Department's acute communicable disease division, said animals attracted to the stagnant water pollute it.

An increase in the mosquito population, said Hotchkiss, also adds to the danger of outbreaks of encephalitis, commonly known as sleeping sickness.

# Reject *Tempe Daily News* Sewer *1-19-66* Claims

Claims for damage resulting from sewer back-up December 31 probably will not be paid by the city. That was the "general" word Wednesday, according to Gale Christy, acting manager.

Christy said the adjuster for the city's insurance company said the trouble was not the result of negligence on the part of the municipality. However, Christy said persons claiming damage will be provided forms and the individual cases will be studied.

Four appeared before the council at its January 13 meeting. Others had registered complaints with council members and city officials.

The back-up resulted when Salt river was flooding and a Salt River Project power line fell onto an Arizona Public Service Co. line, knocking the latter out of service and stopping operation of a sewer lift station at Priest road and First street. The outage required five hours to correct.

Scottsdale Daily Progress 9-14-66

# Flood and mud washed up some heroes

By MAGGIE WILSON  
Progress Women's Editor

## THE BACKWASH: It's an ill rain, etc.

So who was to blame that Mr. Klean (who looks like the earring-ed one, come to think of it) for beaming with sheer happiness as he cruised down Scottsdale Road yesterday?

Mr. Klean, ya see, cleans carpets and upholstery and draperies. And for HIM, yesterday was sunshine and bluebirds. . .

But then there was Avis (Mrs. Tom) Read of Stables Gallery at 76th and MacDonald Dr.

"We're in the middle of the mainstream," she reported, "and I've been lugging pictures out through hip-deep water since 7 a.m. The west wall of the gallery is gone and the rest of it is touch and go". . .

Then there was Republican candidate for representative in District 8-E, Cecelia Kline, who was "touched" and "surprised" by the all-out effort our elderly citizens were making to get to the polls — despite the rain, sleet, gloom and cruising teenagers out of school who caused head-high splashes of the wet stuff. . .

## THE BIG BOY SCOUTS

— But then there were four Scottsdale High School fellows who did yeoman effort yesterday as a rescue-and-cleanup team.

They were Tony Thompson, Mike Faught, Scott McKinny and Eric Kahn, who among other things, pulled six cars out of ditches yesterday with Tony's I-H Scout.

And capped off the afternoon by literally mucking the mud out of the roadway along Scottsdale Road in front of Safari Hotel.

And it's proly dirty pool, so to speak, to mention it, but Mrs. Phillip Thompson got the quartet out from under muddy foot in her home yesterday by telling them they were giving away free food at the Safari.

Meanwhile, Mike's mom, who is the p.r. gal at Mountain Shadows rued the fact that she hadn't thought of that. "If a son's going to be all that helpful, he could jolly well muck the mud from his own mom's hotel," quoth she.

But she said it with more humorous pride than maternal ire.

Anyway, those four kids knew what it meant to be hard-work-tired last night.

And since they were so darned sweet to the people they helped, I'd like to personally kick the shins of the guy whose car they pulled out the ditch. The guy who "didn't even say thanks."

It's schnooks like you, fella, who give adults a bad name! . . .

## LITTLE ACTS OF HEROISM:

Take for instance, those folks at Scottsdale and McDowell at about 3:30 p.m. yesterday who abandoned their cars to direct traffic around a crash site until those poor harried police arrived. . .

Or take our own second-day-on-the-job photographer, Hal Moore. Trying to get up Hayden Road to photograph a reported canal break-through he spotted a woman and boy climbing to the top of their car as it was suddenly deluged.

He left his car and began sloshing toward them in wallet-high water.

They, meantime, had decided to try to make it to high ground, not knowing there was an irrigation ditch on the side they chose to head for.

He saw them go down, saw the mother toss the boy to the bank and scramble up herself, slipping and sliding in the mud.

Then he spotted a tractor, being driven by Gene Carr and William Turner coming down the road. The men on the tractor couldn't have seen the stranded pair had Hal not yelled to them.

And that was the way Mrs. Elmer Scheinbein and her son, Donald, were rescued.

And I was kinda enthralled with Hal's remark afterward: "It was a real twitch, but I'm very proud of that mother for not going to pieces any more than she did." . . .

## AND THE WOMEN:

Take that Hallcraft area in the Arizona Canal-Pima Road vicinity. First they were told to prepare to evacuate, then they were told to stay put.

Our police, project, water company and other such sources were saying the National Guard was on the way in to prevent looting. And the housewives themselves were calling here to say that the radio was telling them one thing and TV another and cruising loudspeakers on the ground and in the air were telling them diametrically opposed things to do, too.

"So," as one told me, "I'm sitting tight and cooking a big pot of spaghetti. The swimming pool is overflowing and water is creeping under the patio door.

"But until these guys figure out what I'm supposed to do and make it official, the heck with 'em."

Bet Hal would have been proud of that type mother, too. She was literally stranded in that area for some three hours. Couldn't have been evacuated except by air if it had been necessary. And she knew it.

And that's another little act of heroism. And thank heaven we didn't have to have any more of 'em than we did.

## ADD NOTES:

In Biltmore Fashion Park, the carpets were already pulled — great sodden chunks of them — this morning from Saks and Magnins. And they made sad little footnotes, so to speak, to the parking lot which was a sea of mud. . . But things were happier at the new Saddleback Restaurant. That place suffered a fire some months back which delayed its opening. But the flood did only minimum damage since the carpeting is not yet installed. Opening date is still set for Oct. 9. . .

And can you imagine the sheer happiness of Jim Metz, owner of that new specialty shop in the Safari? Someone had looked in the window and reported yesterday morning to him that the shop was flooded.

He "died a thousand deaths" but dawdled — putting off that awful moment he opened the door to see how bad it was.

So it was whee and whoopie when he discovered the shop was dry and his informant had seen merely a reflection of water through the windows of the shop. . .



Troupers with tow chains were Mike Faught, Tony Thompson, Eric Kahn and Scott McKinney

# Heaviest Rain in 10 Years Leaves Valley Foundering

By JAMES E. COOK

*Arizona Republic*  
9-14-66

THE HEAVIEST buildup of rain in more than a decade, a spin-off from Hurricane Helga's storm system, left large areas of the Valley awash yesterday.

There was a threat of new rain last night and today on already flooded ground. Flash flood warnings were issued as rains doused southern and eastern Arizona.

Homes were flooded in the Valley, streets and highways were closed and voters were

More Stories and Pictures,  
Pages 12 and 21

discouraged from casting ballots in the state's primary elections.

A **DAY-LONG POWER** blackout provided an unscheduled holiday for workers in some downtown Phoenix buildings. Thousands of students were sent home from school because of flooding.

The most serious reports of flooded homes came from the Scottsdale, Maryvale and Tolleson areas.

Road crossings across the Salt River were gradually closed from east to west as an accumulation of water from flooding washes and Salt River Project facilities moved down the river.

**MANY VALLEY LAW** enforcement officers worked 12-hour shifts, answering storm complaints, and some even worked in boats in the hard-hit west side of Phoenix.

Robert Ingram, meteorologist in charge of the Phoenix Weather Bureau, said the 1.84 inches which fell in the Valley in 24 hours ending at 11 a.m. yesterday was the heaviest 24-hour fall since the summer of 1955. But 5 inches of rain was reported at 51st Avenue and Van Buren, and moisture at several points topped the Sky Harbor reading.

Photographs from a weather satellite show that Arizona is under a cloud cover associated with Hurricane Helga, which is 700 miles from Arizona in the Pacific Ocean. Arizona

(Continued on Page 12, Col. 5)

9-17-66  
Scottsdale  
Daily Progress

# Scottsdale 1-day water wonderland

First more than two inches of rain fell in about four hours during the early morning.

The water began backing up at intersections. Heavy rain north and east of Scottsdale flowed into the Salt River Project's Arizona Canal and it filled nearly to the brim.

Then, early Tuesday morning, after one of the heaviest rains in more than a decade, SRP had to pen a wasteway gate on the canal, where it bends southward between McDonald Drive and Indian Bend Rd.

That water followed a natural channel — known locally as Indian Bend Wash — to the south. As it flowed south it closed first McDonald Drive, then Camelback Rd., Indian School Rd., Hayden Rd. and finally McDowell.

A new threat that morning added to the drama in Scottsdale. The south bank of the Arizona Canal gave away near Pima Rd. and water gushed through a 25-foot-wide gap.

Some flowed down residential streets and under doors of homes north of Jackrabbit Rd. and east of Granite Reef Rd. More water dissipated onto the Salt River Indian Reservation to the east.

For a period of about two hours Tuesday afternoon Scottsdale was virtually cut in half. Several police cars and fire trucks maintained safety in the isolated "East Side Island" across Indian Bend Wash.

Other parts of the city had problems. Many houses in the Vista del Camino area in the wash south of McDowell were flooded. The laden canal overflowed its banks near 68th St. and Lafayette and expensive homes in the Calle Redondo area shipped water.

Business places north of Camelback Rd. on Scottsdale Rd. also were awash and the Safari Hotel reported heavy damage.

And dozens of motorists became stranded in two feet or more of water when they found out — too late — that their autos were not amphibious.

For one day, at least, desert-dry Scottsdale was a water wonderland.



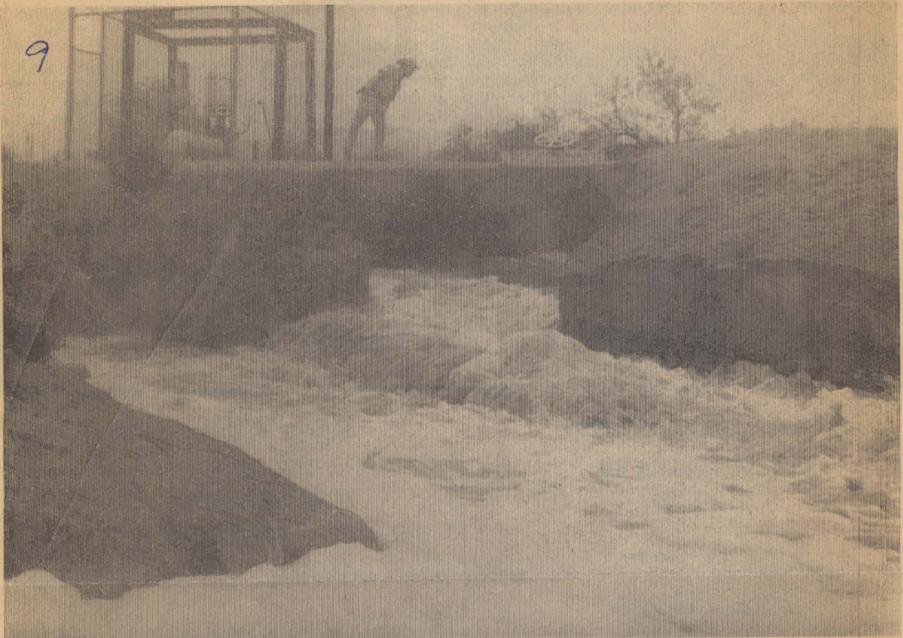
Garage men try to attach tow hook to stranded car on McDowell Rd. as Indian Bend Wash poured two feet deep across the road



Boy-power came to the aid of this motorist who found water at floorboard level

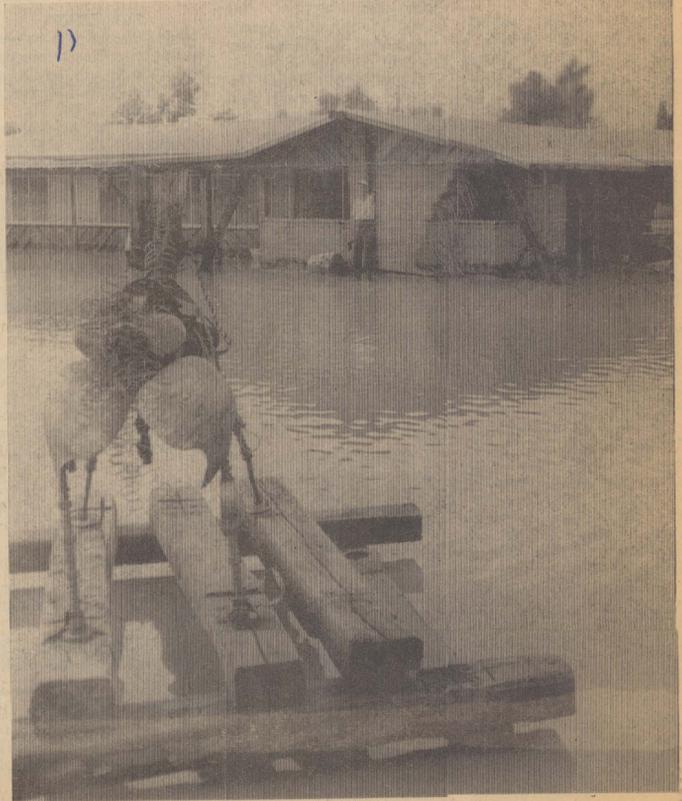


Houses in the Vista del Camino area, built in a natural wash, bore brunt of flooding



Policeman checks Arizona Canal break which later washed out road

Progress  
photos by  
Hal Moore  
and  
Lee Gould



Sculptured metal horse appears to be riding raft at Stable Art Gallery, McDonald Drive and Arizona Canal.



Motorists were confronted by flooded intersections such as at Indian School and Hayden Rds.

# Tempe Daily

TEMPE, ARIZONA, THURSDAY, JANUARY 13, 1966



**FLOOD MYSTERY** — Emergence of this wreck from receding waters of the Salt River left only partly solved a mystery which began when the vehicle was seen in the river bottom north of Sun Devil stadium parking ground last week. The Ohio license number was traced by ASU campus police through Indiana and Illinois to a University student. Located, the student said he had sold it before the flood to another student, Phillip O'Neil. John Duffy, in charge of Campus security, said at noon today the police have reports that O'Neil has been seen since the flood, but they have been unable to reach him for a report.



**TOO MUCH SPELLS TROUBLE** — Water is fine, in its place, but it has a tendency to create problems when there's too much at one time. Sudden runoff caused by snow-melting warm rains brought a Salt River flow such as hadn't been seen in 25 years. Much of the high country's snow pack still awaits the spring thaw.

*Tempe Daily News*

2-10-66

# Tempe Daily News

12 Pages

TEMPE, ARIZONA, TUESDAY, FEBRUARY 22, 1966

607 Mill Avenue

## Five Polling Places Set For Thursday's TD3 Bond Election

Property-owning voters of Tempe Elementary School District Three have been called upon to go to the polls Thursday to vote on authorization for the district's trustees to issue an aggregate of \$3,250,000 in bonds over a three to five-year period.

Qualified to vote in the school district election of Thursday (February 24) are registered voters who have lived in Tempe Elementary district Three for six months or longer, and who pay taxes on real property located within the district.

Polls will be open from 6 a.m. until 7 p.m. at:

Broadmor school, 311 Aepli drive.

Guadalupe school, 8409 South 56th street, Guadalupe

Laird school, 1500 North Scovel street.

Mitchell school, 900 Mitchell drive.

Flora Thew school, 2130 East Howe street.

If absence of discussion is any indication, the vote appears likely to be a light one, with the coming Tempe city election and the March 8 vote on the proposed \$22-million county flood control bond proposition more frequently heard mentioned.

At stake is the question of whether Tempe school district shall keep abreast of need created by an increasing population. With an excess of approximately 450 pupils in one area alone, and enrollment up to or above capacity in almost all

others, the district is under pressure to continue its practice of the last several years to build at least one new elementary school each year. The bonding authorization being sought would make the continuation of the building program possible.

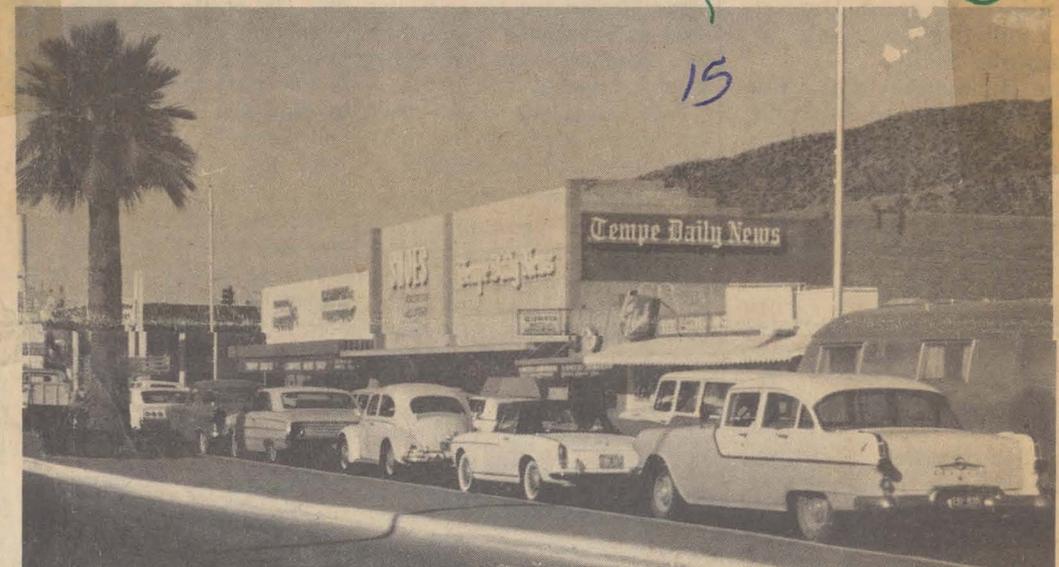
The alternative is to call a bond election each time a specific building is planned. In addition to the delays involved, that method would add the expense of an election to the cost of each school.

The property owners will not be voting on a question of an immediate, single issue of the full amount of the authorization. Instead, they will be granting the school trustees authority to issue bonds in partial amounts

(Continued on page 9)



**SCOTTSDALE ROAD OPEN** — After a hasty resurfacing job, Scottsdale road crossing of the Salt River was reopened to traffic at 5 p.m. Monday. In a four-hour closure, approaches to the recently built steel culvert were covered and rolled by county highway department crews. Water was flowing over Granite Reef dam at a rate of 1,845 second-feet at 8 a.m. today, but was expected to reach 3,000 second-feet late today. The Scottsdale road culvert was intended to accommodate 3,000 second-feet, no more.  
Jim Patton photo



**TRAFFIC SLOWS WHEN WATER** — Scene on Mill avenue yesterday (Monday) was reminiscent of the days of the December-January floods when traffic problems plagued the area. Autos backed up for several blocks on both sides of Tempe bridge when the new bridge over the river channel at Scottsdale road was closed for four hours for repairs.  
Bill Dooley photo

# Six Voting Precincts Set For March 8th

Tempe Daily News  
3-2-66

## Tempe's 15 Precincts Are Grouped For Voting On Flood Control Bond Issue Proposition

Only six polling places will be used to serve Tempe's 15 precincts, and a single place will be used for the voters of Guadalupe and Kyrene precincts in the county-wide election on the proposed \$22.7 million flood control bond issue next Tuesday, March 8.

In expectation that the vote will be lighter than could be expected for a vote in a state or national election, the elections department of Maricopa county has grouped blocks of the county's 308 regular voting precincts to form 104 voting areas.

This saves the expense of hiring 204 sets of election judges, and renting many polling places.

In the election, voters of Kyrene and Guadalupe precincts will use the Guadalupe school library office, which has been designated as voting place No. 64.

Supai school cafeteria, at 6720 East Continental drive, Scottsdale, designated voting place No. 98, will serve the voters of Supai precinct and Tempe precincts 3 and 13.

Voters of Tempe precincts 1 and 2 will go to voting place No. 99, which is the lobby of Mitchell school at Ninth street and Mitchell drive, Tempe.

Tempe city hall at 31 East Fifth street has been designated voting place No. 100, to serve precincts 1 and 2.

The hallway of Gililand school at 1025 Beck street will be voting place No. 101, serving Tempe precincts 5, 12 and 15.

Rural school, at Southern avenue and Rural road, voting place 102, will serve Tempe precincts 7, 10 and 11.

The library of Broadmor school at College avenue and Aepli drive, voting place 103, will serve Tempe precincts 8 and 9.

Qualified to vote in the elec-

tion are residents of Maricopa county who pay taxes on real property within the county and who were registered as voters prior to February 8, 1966.

## RIGHTS OF WAY

# Channel To Use Additional Land

Seattle 3-2-66

Construction of a proposed 12-mile diversion channel parallel to a portion of the Arizona Canal would require acquisition of rights of way through some adjacent residential areas, county flood control district officials said today.

The recommended diversion channel is part of a proposed countywide flood control program, estimated to cost \$115 million. A proposed \$22.7 mil-

lion bond issue to provide the county's share of the cost will be decided Tuesday by property owners in a bond election.

**THE REMAINING \$92.3 million** would be paid by federal agencies.

John C. Lowry, general manager and chief engineer of the district, said the amount of land needed for the planned channel has not been definitely determined.

Plans for the proposed channel, which would extend northwest from the intersection of 12th Street and the canal to Skunk Creek, provide for a width ranging from 50 to 220 feet and a depth of from 8 to 20 feet. The channel would be flanked by service roads, Lowry said.

"There will be some residential property and existing improvements involved, but there has been no definite determination made on how much or its location," Lowry said.

**THE CHANNEL**, portions of which would be concrete-lined, would increase water flow now provided by the canal from 1,500 to 18,500 cubic feet per second, Lowry explained.

The project would provide flood protection for all of North Phoenix, West Phoenix, Glendale, Maryvale and part of Sunnyslope.

Lowry said total cost of the channel project is estimated at around \$13.7 million, with about \$750,000 in right-of-way costs to be paid by the county.

*Tempe News* 1988 of 3-2-66

# With Levees For Tempe, Flood Control Approved

Based on repeated assurances that levee protection will be provided against the proposed Indian Bend Floodway project as well as increased Salt River flows, directors of the Tempe Chamber of Commerce Wednesday noon passed a resolution favoring next Tuesday's \$22.7 million flood control bond issue.

Action on the matter was taken at the March board luncheon at Harman's.

Taxpaying property owners, who are qualified electors, will vote on the proposal of the Maricopa County Flood Control District next Tuesday at consolidated precincts throughout the county. There will be six Tempe area polling places, conveniently located.

Tempe officials, citizens and key personnel at Arizona State

University have sought assurances that levees will be provided almost from the outset of the proposed flood control project.

"It is just good, plain economic sense," one director commented.

Levees would provide for reclamation of land by private and public property owners, especially the university and city, in addition to protection of existing improvements.

Army Engineers, Supervisors (they are directors of the district) and administrative personnel have met and heard the levee story from various segments of the Tempe populations. Mayor John Moeur has been up front along with Francis Cocks, a member of the flood control advisory committee, ur-

ging the levee program for the Tempe area — east and west of the buttes.

Other items before the Chamber board included reports on the three council — economic, community and organizational — by Manager Vic DeForest. President Frank Connolly was in charge.

# Early Bond Vote Light

*Tempe  
Daily  
News  
3-8-66*

## Polls To Remain Open Until 7 Tonight For Voting On \$22.7 Million Flood Control Issue

Property - owning voters of Tempe and Maricopa county were casting an exceedingly light vote today — at least up until 2 p.m., on the question of whether the county shall float a \$22.7 million bond issue to assist in financing flood control works within the county.

At Broadmor school, a total of 289 votes had been cast by

2 p.m. At the same hour, however, only 116 votes had been cast at the Tempe city hall.

John Burke, manager of the Maricopa county elections department, reported that voting was "very light" county-wide.

Election clerks reported that there was a flurry of voting soon after the polls opened at 6 a.m., but that the number of voters tapered off sharply after 8 a.m. A fair amount of voting was done in some of the voting places during the noon hour. Expectations were, however, that the heaviest voting would be done later in the afternoon during the period when persons return home from work.

The polls will remain open until 7 p.m., and persons who are in the polling places when 7 p.m. arrives will be permitted to cast their ballots.

The voting places for Tempeans are:

Supai school, 6729 East Continental drive.

City Hall council room, 31 East Fifth street.

Gililand school, 1025 Beck street.

Rural school, Southern avenue and Rural road.

Broadmor school library, College avenue and Aepli drive.

Voters of Kyrene and Guadalupe districts vote at Guadalupe school.

3-9-66

# Flood Bond Vote Loses By 3 to 1

Average Tempe Vote  
Is 2-1 Against Plan

Tempe property owners Tuesday joined others of Maricopa county in defeating the proposed \$22.7 million bond issue which was to have been matched with federal funds to finance a series of flood control works in various areas of the county.

Tempeans gave the measure slightly more support than the county average but the vote in all Tempe voting districts nevertheless showed a preponderance in the negative.

Unofficial returns at the office of John Burke, director of the county elections department, this morning showed a county-wide return of 36,210 against the proposition in comparison with 12,523 in favor. These returns were not complete and final, it was pointed out, but were nearly complete.

Returns from the six voting places in which Tempeans voted showed a total of 1,608 votes against and 937 for. These included the returns from Supai precinct in Scottsdale, which voted with two Tempe precincts at Supai school. In Guadalupe district, where property owners of Guadalupe and Kyrene precincts voted, the vote was 48 against and 28 for.

The unofficial county returns indicated a preponderance of almost three-to-one-against the proposition, with 74 percent of the voters against and 26 percent for. Tempe returns showed approximately a two-to one un-

(Continued on page 9)

## Tempe's Bond Vote

Poll	Yes	No	Tot.
Supai School	150	280	430
Mitchell	84	176	260
City Hall	72	168	240
Gililland	184	380	564
Rural	161	281	442
Broadmor	286	323	609
Guadalupe	28	48	76
<b>Totals</b>	<b>965</b>	<b>1,656</b>	<b>2,621</b>

## Bond

(Continued from page 1)

favorable vote, with 63 percent of the voters against and 37 percent for.

In Tempe, heaviest voting was at Broadmor school, where a total of 609 votes were cast before the polls closed at 7 p.m. Heavy voting occurred in the late hours of the day, with 289 votes registered at Broadmor up to 2 p.m.

At City hall a total of 240 votes were cast during the day, with 116 votes cast before 2 p.m. At City hall the vote was 168 against and 72 for.

Comparatively heavy voting also was done at Gililland school where 564 votes were cast, and at Rural school, with 442 votes, and Suapi, with 430 including the votes from Supai precinct.

Defeat of the proposition was attributed mainly to a resistance to added property taxes, although proponents of the measure had minimized the extent to which property taxes would have been increased by the bond measure.

The results of the election do not put the county flood control district out of business. It is supported at present by a two-cent levy to a maximum of five cents mainly to finance studies looking toward the adoption of the comprehensive flood control program.

Under the law, the district has the power to increase its levy to a maximum of five cents on the \$100 of assessed valuation of all real property in Maricopa county.



### Coming Bid Calls

Arizona — Aug. 15, Apache Junction-Gilbert WS, Pinal Co., 820,600 cu. yd. Powerline earthfill floodwater dam, 313,-900 cy excavation, 116 cy concrete, 160 ft. RC pipe, 94 ft. CM pipe. Col. John C. Lowry, C.O., FCD of Maricopa Co., 3325 W. Durango St., Phoenix, Ariz. 85009.

16 Pages

*Daily News* TEMPE, ARIZONA, THURSDAY, AUGUST 18, 1966



**FLOODED INTERSECTION** — The intersection of Broadway road and Mill avenue was flooded during Wednesday night's storm which hit city. Water slow-

ed cars and trucks up and washed water into nearby businesses. Nearby underpass was flooded and closed to traffic. **Jim Dooley photo**

# Storm's Fury Vented Here

**Mill Avenue Underpass Temporarily Flooded, O'Malley Building Partly Unroofed By Wind**

A fierce hard-hitting wind and rain storm struck Tempe Wednesday night and dumped more than one inch of rain on the city within one hour.

The storm, which approached the city from the northeast, also knocked out power supplies to several areas of the city, blew down street signs. Lightning also was reported to have struck a power pole at Apache boulevard and McAllister, damaging a power transformer and knocking off power to the surrounding area.

Several sections of the city reported heavy water shortly after the storm hit. Calls were received at the Tempe police

department reporting high water coming over the curbs and into homes and businesses at Fourth and Fifth streets and Mill avenue.

Tempe police were forced to close the Mill avenue underpass between Apache boulevard and Broadway. High waters also were reported at Broadway and Mill avenue.

Numerous automobiles were spotted stalled in the high waters.

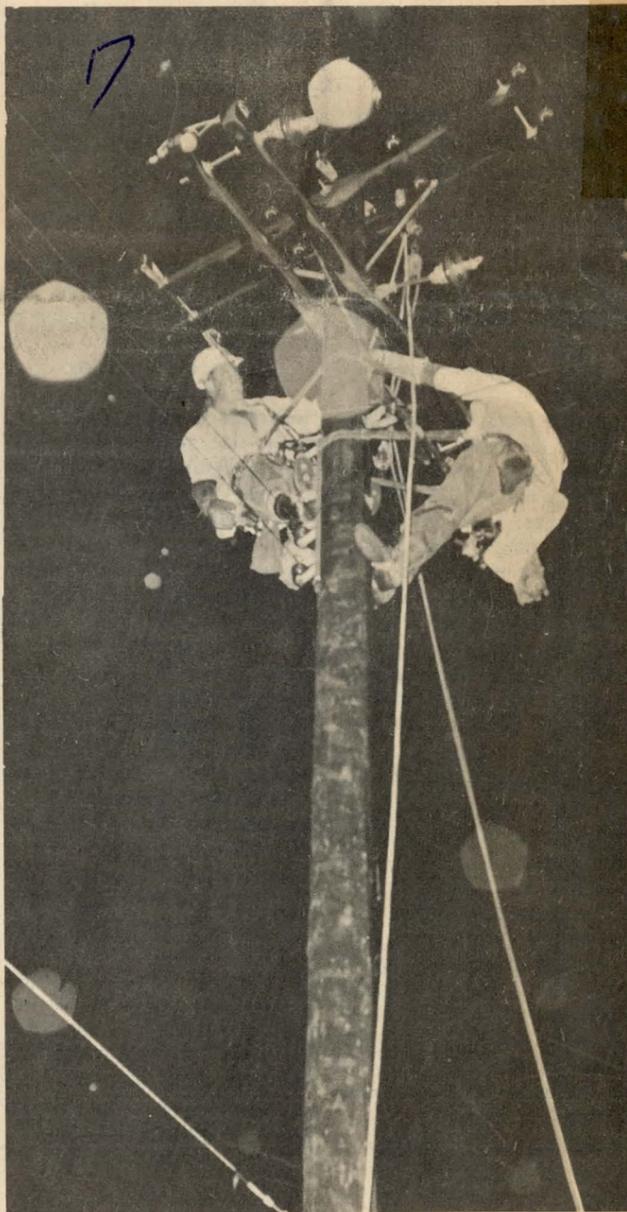
University drive between Priest drive and 48th street was reported covered with water. Traffic was slowed down because of the depth of water.

A fire truck responded to the call of hot wires down at Apache and McAllister. They stood by until crews from Arizona Public Service company arrived to repair the damage. Crews were hampered in their operation by a hard-driving rain.

Numerous calls were received at the police department complaining of traffic signal lights being out. Officers were unable to answer the calls because the three-man shift was busy on other assignments, said police dispatcher Dan Toma.

This was the second Wednesday in a row that a storm has

(Continued on Page 3)



**HIT BY LIGHTNING** — Crews of Arizona Public Service company worked in heavy rain Wednesday night to repair transformer which was struck by lightning at Apache boulevard and McAllister avenue. Damage was repaired after power was out in area nearly 30 minutes. Raindrops hit camera lens. **Leigh Bradbury photo**

9/12/66 Tolleson - View of flooded rural area near Tolleson. Lateral unable to carry the water and spilling it into the roadway.



9/12/66 Tolleson - RID system east of Tolleson.

18



9/12/66 Tolleson - Flood across RID canal at 83rd Avenue.



9/12/66 Tolleson - View of Highway Patrol fording the intersection of 92nd Avenue and Van Buren.

19



9/12/66 Tolleson - View of younster on bike fording  
92nd Avenue and Van Buren intersection.



9/12/66 Tolleson - View of 91st Avenue north of Van Buren  
showing breaking and spilling water.

20



9/12/66 Tolleson = Residential area north of Van Buren.



9/12/66 Tolleson - Looking down Van Buren between 92nd and 91st Avenues.

21



9/12/66 Tolleson - View of Highway Patrol fording the intersection.



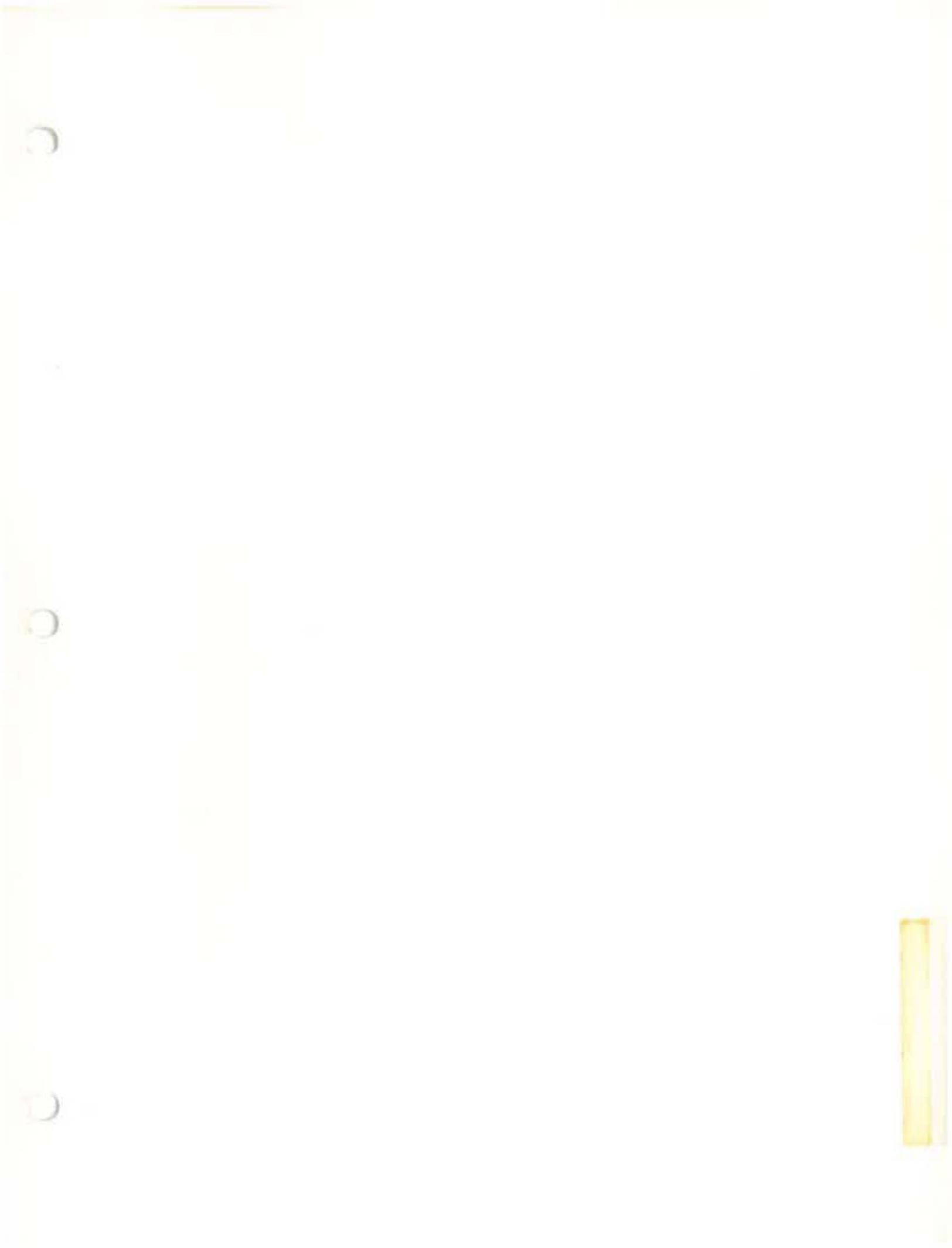
Az-620-13

9/12/66 Tolleson - View of main street.

22



Az-619-4



Glendale Ave  
at  
Agua Fria  
River  
12/20/67

7.2



Looking W

7.4



Looking SW

23

7.3



Looking NW

Glendale Ave  
at  
Agua Fria  
River

12/20/67

5.7



Looking NE

24

7.6



Looking NE

Glendale Rd + Agua Fria River  
12/20/67



2.1

Looking E



2.2

Looking E



25

2.3

Looking E

Glendale Ave x Agua Fria River

12/20/67



Looking W



Looking W



Looking W

Van Buren & Agua Fria  
12/20/67 27



4.3

Looking W

Olive Ave Agua Fria River

12/20/67

Looking E

5-6



5-5



28

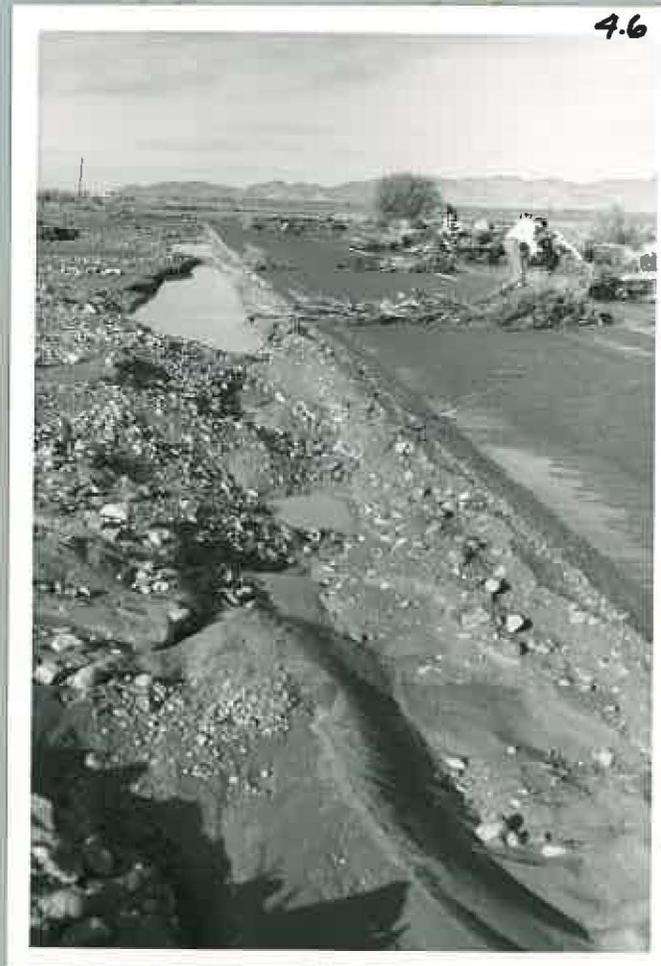
5-4



McDowell Rd & Agua Fria River  
12/20/67



McDowell Rd & Agua Fria River  
12/20/67



Indian School Road & Agua Fria River  
12/20/67

6.4



6.3



6.5



High Water Mark

12/22/67

AGUA FRIA RIVER

Avondale sewage effluent pit after Agua Fria River poured through it.  
View toward NE.



32

Course followed by Agua Fria overflow SW of Avondale sewage  
pit.



51st Ave. at  
Salt River  
Looking north.  
Shows undercutting  
due to flow.



33

Course followed by  
Agua Fria overflow  
SW of Avondale  
sewage pit.



12/22/67

AGUA FRIA RIVER

Avondale sewage effluent  
pit after Agua Fria River  
Poured through it.

View Toward NE.



Indian School & Agua Fria River 12/22/67

10.3



9.7



10.4

35



Indian School Rd & Agua Fria River 12/20/67



Indian School & Agua Fria River 12/22/67

10.6



9.8

9.6

9.6

37



Indian School Rd & Agua Fria River  
12/22/67

10.5



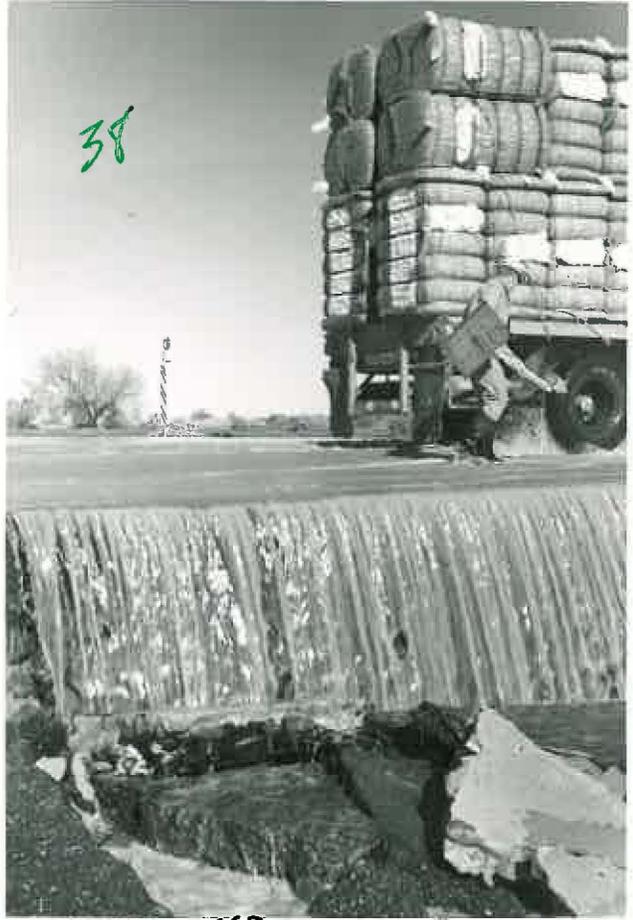
Looking NW

10.1



Looking E

10.2



Looking NE

12/22/67

Indian School Rd  
&  
Agua Fria River

10.8



10.7



Glendale Ave at Agua Fria River  
12/22/67



Glendale Ave & Agua Fria River  
12/22/67



Glendale Ave & Agua Fria River  
12/22/67



Looking N.W.



Looking N.E.



EARTH CRACK  
1/26/67



Looking east along earth crack  
between 76th Street & Sigler,  
 $\frac{1}{4}$  mile north of Apache Trail.

43

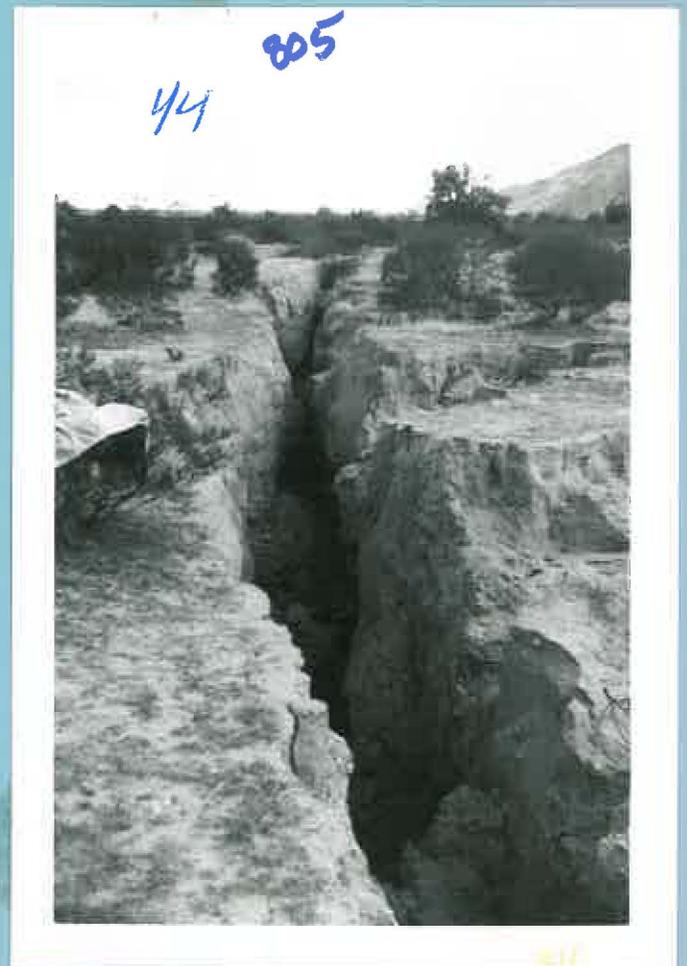
Earth crack between 76th Street &  
Sigler,  $\frac{1}{4}$  mile north of Apache Trail.



EARTH CRACK  
1/26/67



Looking west along earth crack  
between 76th Street & Sigler,  
 $\frac{1}{4}$  mile north of Apache Trail.



Earth crack north of Hunt Highway.  
This crack goes southeast from main  
crack. Est. 10' deep.

EARTH CRACK  
1/26/67

798

45



Looking west along earth crack toward Sigler,  $\frac{1}{4}$  mile north of Apache Trail.

799



EARTH CRACK  
1/26/67

Looking east along earth crack  
between 76th Street & Sigler,  
 $\frac{1}{4}$  mile north of Apache Trail.

45



46



47

EARTH CRACK  
1/26/67

Looking  
east along  
crack be-  
tween 76th  
St & Sig-  
ler,  $\frac{1}{4}$  mi.  
north of  
Apache Tr.

Looking  
east along  
crack be-

EARTH CRACK  
KX 1/26/67

Earth crack north of Hunt Highway 1/8 mile east of  
Sossaman Road.

806



35' Deep

47



806



810

30' Deep



118

EARTH CRACK  
1/26/67

Looking east toward 76th  
Street along earth crack  
 $\frac{1}{4}$  mile north of Apache  
Trail.



418

Earth crack north of  
Hunt Highway  $\frac{1}{8}$  mile  
east of Sossaman Road.  
Est. 15' deep.



203

Earth crack north of Hunt  
Highway  $\frac{1}{8}$  mile east of  
Sossaman Road.



*Mesa Tribune*  
11/11/67

## New Flood Project Due For Signing

The County Board of Supervisors on Monday is expected to sign a series of contracts with the federal government for approval of construction of the second of three earth-filled dams in the Apache Junction area, the county manager's office announced today.

The earliest bids can be called for is this fall.

County flood control director Col. John Lowry said that funds for the \$667,000 dam will come from the U.S. Soil Conservation Service.

The project, known as the Vineyard Rd. Dam, will be five miles long and will be constructed one-quarter of a mile south of the recently completed Powerline Dam.

A third dam, Rittenhouse Dam, is expected to be constructed in 1968.

Presently the Ashton Co. of Tucson is completing 6.75 miles of the concrete-lined and earth, \$785,288 Powerline Floodway, designed as the outlet for the dam's spillways.

The overall flood control project is used to protect thousands of acres of cultivated lands, the General Motors Desert Proving Ground, and Williams AFB.

*Phil Kayette*  
6-12-67

## Dam Agreement Entered By County

The county board of supervisors today entered into an agreement with the U. S. Soil Conservation Service to build a second flood control dam south of Apache Junction.

This dam, to be built just south of Powerline Dam, will cost \$667,000, all of which will be supplied by the federal government.

The name of the new dam will be Vineyard Road Dam, construction of which will begin this summer.

A third flood control dam in the series, Rittenhouse Dam, is scheduled to be started next year.

# Mesa Tribune

Thursday, June 15, 1967

MESA TRIBUNE, MESA, ARIZ.

Page 13

## Flood Job Moves Forward

The Board of Supervisors has signed a series of agreements requiring federal government approval before construction can get under way on the second of three earthfill dams planned to protect Eastern Maricopa County from floods.

District 1 Supervisor L. Alton Riggs said construction on the projected Vineyard Road Dam will be under way by late August. Completion is expected by the fall of 1968.

Estimated cost of the Vineyard Road Dam is \$667,000 which will be financed with U.S. Soil Conservation funds.

Riggs said the dam will be located about one quarter mile south of the Powerline Dam which was dedicated April 7 south of Apache Junction. Vineyard Road Dam will be five miles long and reach a maximum height of 20 feet.

Third dam in the series, Rittenhouse Dam, will be constructed south of Vineyard Road Dam sometime in 1968, Riggs said.

All three dams are located in Pinal County on state land where permanent easements have been granted at no cost to the Maricopa County Flood Control District.

The three dams are designed

to protect land in the Apache Junction - Gilbert and Williams-Chandler watersheds. In the immediate area are the multi-million dollar installations at General Motors Desert Proving Grounds and Williams Air Force Base, 34,000 acres of cultivated land and some 127 miles of roads.

Construction is under way at the present time on a fourth flood control project in the same area. Work began May 31 on the Powerline Floodway.

The 8.5 mile channel is designed to carry flood waters from the Powerline Dam, northernmost in the chain, to the south and west to the Roosevelt Water Conservation District

Canal.

General contractor for the Powerline Floodway is Ashton Co. of Tucson. The \$785,000 contract provides for construction of a concrete-lined channel for 6.75 miles with the final 1.75 miles of earthfill bottom with rocky sides.

Completion of the floodway is scheduled next spring.

Controlled outlets will feed waters from the Vineyard Road and Rittenhouse Dams into the Powerline Floodway. It originates at a spillway from the Powerline Dam.

The 2.5 mile Powerline Dam was the first major flood control project undertaken by the county flood control district.

#### ARIZONA

The Ashton Company, Inc., P. O. Box 7065, Tucson, was awarded the contract for construction of the Powerline Floodway of the Apache Junction-Gilbert watershed on its low bid of \$785,288.80. High of five bids was \$1,277,229.70. The engineering estimate was \$1,107,254.00.

The project consists of construction of seven miles of reinforced concrete channel lining and two miles of rock revetted channel. The concrete-lined channel is trapezoidal in shape with bottom width of 6 feet and depth of 5 to 6 feet. The rock revetted section is 80 feet wide and 5 feet deep. Work and materials required include 95 acres clearing; 137,250 cu. yds. excavation for the

JULY, 1967

*(Land & Water  
Contracting)*

earth channel and 134,930 cu. yds. for the concrete channel; 63,000 cu. yds. earth fill for channel dikes and 400 cu. yds. structure backfill; 14,581 cu. yds. concrete for channel lining and 667 cu. yds. for bridges, box culverts, and channel crossings, with 22,868 bbls. cement, 64,360 lbs. reinforcing steel, and 461,320 lbs. welded wire fabric; 36 lin. ft. 36-in. CM pipe and 56 lin. ft. 24-in.; 20,630 cu. yds. rock riprap.

Tanner Brothers Contracting Co., Inc., P. O. Box 12217, Phoenix, was the high bidder. Other bidders and amounts of their bids were: Royden Construction Co., P. O. Box 3707, Phoenix, \$843,144.00; Western Constructors, Inc., P. O. Box 1766, El Paso, Tex., \$906,813.85; N. M. Sundt Construction Co., P. O. Box 2592, Tucson, \$931,290.10.

Purpose of the channel is to convey floodwaters from flood prevention reservoirs east of Mesa to a safe point of disposal in a controlled manner. The project and the upstream reservoirs were designed by the Soil Conservation Service and SCS will also provide engineering supervision of construction. The contract is being administered by the Flood Control District of Maricopa County, Arizona.

*Miss Tribune*  
*Aug. 17, 1967*

## **Bid on Dam At Junction Is Protested**

PHOENIX (AP)—The apparent low bid of a Tucson firm for construction of the Vineyard Road Dam south of Apache Junction has been challenged by a Phoenix construction company.

The \$514,621 bid of Ashton Company Inc., Tucson, was the lowest of the eight opened at the Country Flood Control Department Tuesday.

However, an official of William Pulice Concrete Construction, Phoenix, which submitted a bid of \$516,153, charged that Ashton failed to attach its specifications to the bid.

The complaint was referred to the flood control district's legal counsel.

The 4½ mile earthen dam will be south of Apache Junction in Pinal County, one of three planned by the Maricopa County Flood Control District to protect the eastern part of the county.



~~Arizona Canal Overflow~~

ARIZONA CANAL  
OVERFLOW

N.W. of 51<sup>st</sup> Ave.



@ Peoria Ave  
Water 3' deep on 12/11/67



5

ARIZONA CANAL  
12/20/67

Looking west from  
43rd Avenue.



Looking west from  
43rd Avenue.



ARIZONA CANAL  
12/20/67

Arizona Canal looking west  
from 43rd Ave.



51



~~CAVE CREEK~~

12/20/67

(See ltr fr South Pacific Div.,  
C of E, dated 27 Mar 70)

Northwest of 51st Ave.  
and Grand Ave. Over-  
flow from ~~Cave Creek Area~~.

ARIZ. CANAL  
AREA



51

55th Ave. North of Grand.  
Overflow from ~~Cave Creek~~  
Area. — ARIZ CANAL

AREA



12/20/67

Grand Ave. NW of 51st Ave.  
Looking NW, water ponded  
from ~~Cave Creek~~ overflow.

ARIZ. CANAL



53

North of Grand Ave. and west  
of 51st Ave. Water ponded  
from ~~Cave Creek~~ overflow.

ARIZ. CANAL



12-20-67

871

Grand Ave. between  
55<sup>th</sup> Ave & Glendale Ave.  
~~Cave Creek Overflow~~  
ARIZ CANAL



12-20-67

872

54

W of Grand Ave W of  
51<sup>st</sup> ~~Cave Creek Overflow~~  
ARIZ CANAL



12-20-67

873

55<sup>th</sup> Ave North of Grand  
Ave ~~Cave Creek Overflow~~  
ARIZ CANAL



12/20/67

Grand Ave. between 55th Ave and  
Glendale Ave. Looking NW water  
ponded from ~~Cave Creek~~ overflow.  
Traffic Diverted.

ARIZ CANAL



55th Ave. North of Grand Ave.

55



~~CAVE CREEK~~

12/20/67

(See ltr fr South Pacific  
Div, C of E, dated 27 Mar 70)

North of Grand Ave; West  
of 51st Ave; Overflow  
from ~~Cave Creek~~ Area.

ARIZ CANAL  
AREA



56

Grand Ave. between  
55th Ave. & Glendale Ave.  
Overflow from ~~Cave Creek~~  
Area.

ARIZ CANAL  
AREA



ARIZONA CANAL  
12/22/67

Spillway in south bank  
of Arizona Canal, opposite  
Cave Creek. Water crossed  
through here night of  
Dec. 19. Looking West



Cave Creek entering  
north bank of Arizona  
Canal.



Spillway in south bank  
of Arizona Canal opposite  
Cave Creek. Looking east  
Note debris line from  
flow on night of Dec. 19.



ARIZONA CANAL  
12/22/67

Cave Creek entering north  
bank of Arizona Canal.



Spillway in south bank of  
Arizona Canal, opposite  
Cave Creek. Water crossed  
through here night of  
December 19. Looking west.



Spillway in south bank of  
Arizona Canal. Looking  
east. Note debris line from  
flow..







9/6/70  
Repairing break in Arizona Canal at 11th Avenue

59





# Need For Lower Gila Flood Control Emphasized At Green Belt Hearing

THAT PROPOSED "Green Belt" along the bed of the Gila, from the mouth of the Hassayampa to Mohawk, will be set aside for public use — for multiple use.

Principal beneficiaries will be doves, other wildlife, sportsmen, and nature lovers in general.

At a public hearing on the proposal, in Phoenix, July 6, no strong objections were raised. Most of those who testified and submitted written statements were strongly in favor. But irrigation projects, the Maricopa County Flood Control District, Bureau of Reclamation and other agencies wanted assurance that there will be no inter-

ference with any flood-control or erosion-prevention program.

The Buckeye Irrigation Co., represented by Manager Wilbur Weigold, was concerned that Green Belt restrictions might prevent channel clearing or other measures necessary to keep the Gila flowing toward that project's diversion dam, which more than once has been left off to one side by jig floods in a river bed choked with saltcedars.

But Bureau of Land Management State Director Fred Weiler, who presided, asserted that no interference with any current activities is contemplated. No facilities, no works of any

**In the course of the July 6 hearing, Director Weiler revealed that four similar withdrawals are contemplated. All are in the western part of the state and most of the land is desert. One hearing will be held for all four of these proposals. Notice thereof should be issued in early August.**

kind, are planned. The main objective, Weiler emphasized, is to keep the land in public ownership. He added that hardly any of the 62,000-odd acres has any agricultural possibilities; that is the reason why it has never been

## Floodway To Protect Farms Of Arlington

LAND OWNERS in the Arlington district are breaking their necks and straining their horsepower to get a mile-long floodway completed before the summer rains start.

With the help of Maricopa County, a siphon has been installed under the Arlington canal and old Highway 80, just west of the Arlington store which is about ten miles from Buckeye. Certain work has been done on the desert above to channel flood waters into the siphon. But from there on to the bed of the Gila River, high water could do a lot of damage. It would cut right across the Gable Bros. and Ted Hazen farms and probably spread to a lot of others.

Right-of-way easements were obtained without any trouble. At last reports the Arlington folks were dicker-ing with the Soil Conservation Service for aid, and a pooling agreement was in progress. There seemed to be some doubt whether any help would be forthcoming, but the property owners planned to go ahead with the floodway regardless. They haven't forgotten what the historic summer flood of 1952 did to them.

Fanner Ranchman 7-22-67

Fanner Ranchman  
7-22-67

homesteaded. It is river sand; it is alkali flats; it is thickets of saltcedars and mesquites.

Nevertheless the State Land Commissioner, who was not present but sent a letter, has some reservations. His communication brought up the possibility that his department might be precluded from selecting Greenbelt Land for acreage still due the state under the Enabling Act.

### Great Place For Pigeons

Other state agencies and officials supported the withdrawal. The longest statement was presented by Director Wenedell Swank of the State Game and Fish Dept. Within the boundaries as drawn, he declared, is the best nesting habitat for doves in the whole U.S.; as many as 95,000 have been known to nest in a square mile with a good stand of saltcedars. Pheasants released in that area are "doing well."

State Parks Director Dennis McCarthy agreed with Swank and remarked that a 180% increase in demand for outdoor recreation is predicted for the 1965-75 decade.

Col. John Lowry of the Maricopa County Flood Control District emphasized that channelization of the Gila is absolutely necessary to prevent damage to farms, homes and other property. Tentative plans call for floodways all the way from 500 to 2,000 feet wide, and game management specialists say that 2,000 feet would take out too many saltcedars. The way must be left clear, Col. Lowry said, for governmental agencies to build roads and bridges or operate sanitary landfills.

Director Weiler explained that roads may be built, after obtaining rights-of-way from the Bureau of Land Management. The meeting was not called to consider the merits of different flood-control measures and he could see no reason to expect that the Green Belt might hamper any plan finally adopted.

# Cloudburst Floods Areas In Buckeye

A cloudburst struck Buckeye early today and torrents of rain water flooded the town's business and residential areas.

The rain totaled 1.85 inches in less than two hours.

"IT WAS THE heaviest rain I've seen here in 17 years," Police Chief Charles Post said. "Most of the rain fell between 5:15 and 6:55 a.m.

Today's rain brought Buckeye's total since Sept. 1 to 2.84 inches. The area's long-time annual average is 7.52.

For a while, seven families in the southeast part of Buckeye were isolated "on top of their beds" as water flooded their homes.

"Before it receded, the water around their homes looked like a lake," Post said.

**THE ARIZONA** Highway Patrol reported the temporary closing of Highway 80 just west of Buckeye.

Scottsdale was also in the path of the early morning thunderstorm, with .13 reported. However, the official Phoenix measuring bucket at Sky Harbor again was all but missed.

Only .01 of an inch was added to the .10 measured Friday through yesterday. The precipitation total since Jan. 1 is now up to 2.40 — a fraction over one-half the normal amount for the period—4.79.

The rain gauge at the University of Arizona Experimental Farm in Mesa measured .10 this morning to bring the September measurement to .30. That's .09 more than was measured in August.

Other measurements around the Valley included an unofficial 1.60 inches at 115th Avenue and Lower Buckeye Road, .53 at Gila Bend, .70 at Luke Air Force Base, .05 at Laveen and .02 in South Phoenix.

**FT. HUACHUCA** reported .75 fell between 11 p.m. and midnight, while Tucson received .43 early today.

Other rainfall today included .31 at Nogales and .29 at Bisbee.

The weatherman said moisture-filled clouds are still plentiful and the probability of more rain in the Valley tonight was about 30 per cent.

**PHOENIX** temperatures tomorrow are expected to range between 73 and 95.

Post said business firms hardest hit by the flooding in Buckeye included the Western Auto Supply, Carrera's Barber Shop, Ben Franklin Store, Bullock's Photography Studio, Gable Realty, Saba's Department Store, and Watkins Chevrolet.

Maximum temperatures over the state yesterday included 98 at Scottsdale, 96 at Buckeye, Coolidge and Parker, 95 at Phoenix, 98 at Payson, 86 at Prescott Airport, 82 at Flagstaff and 80 at Williams.

In Superior, rainfall for the year has reached 10.65 inches, with .30 being recorded since Sept. 1. Temperatures this month have ranged between 67 and 99.

# 2-Inch Rain Floods Sections of Buckeye

## Canal Overflow Reaches Into Homes, Stores

A predawn downpour of almost 2 inches of rain yesterday caused the Roosevelt Irrigation District canal to overflow and some nearby homes and businesses in Buckeye were flooded.

The Weather Bureau said the 1.85 inches of rain that fell in 1½ hours was "phenomenal." The area received 1.88 inches for the day.

Several breaks in the RID canal caused by the rapid flow of water were repaired by afternoon.

**WATER ALSO** washed out a new bridge on old U.S. 80 south of Gillespie Dam, preventing some students from reaching opening day classes at Buckeye Union High School. At the school, minor damage was caused by flooding of a basement and some classes were rescheduled into other rooms.

A Crystal Water bottling truck overturned in high waters on U.S. 80, 15 miles south of Buckeye. The driver escaped unhurt. The truck was dragged from the water two hours later.

The U.S. Weather Bureau said the moist air yesterday drifted into central sections of the state from southeastern Arizona.

**HIGH PRESSURE** over Colorado has been blocking the moist air from leaving Arizona, the bureau explained.

Around the state, Ft. Huachuca reported 1.05 inches of rain, Springerville

(Continued on Page 26, Col. 1)

26 The Arizona Republic  
☒ Phoenix, Wed., Sept. 6, 1967

## More About Flood Area

(Continued from Page 19)

.75, Tucson 43, Gila Bend .58, Heber .30 and Bisbee .29.

In the Valley, rainfall ranged from .70 at Luke AFB to .13 in Scottsdale, .04 in Tempe and .01 inch at Phoenix Sky Harbor Airport. Phoenix had a high of 96 degrees and a low of 73.

**YUMA COUNTY**, hardest hit by the weekend's storms, reported that nearly \$70,000 in road damage was caused by flooding. County Engineer Eugene Brazeel said one-third to one-half of the Gila River crossings were closed and extensive soil erosion had occurred where washes cross gravel roads.

Every piece of Yuma highway construction equipment was at work, along with additional items rented from farmers isolated by flooding.

Roads in the Salome area were washed out yesterday morning.

Dove hunters were stranded over the weekend in the Hyder area until crews could reopen roads.

**PARTLY CLOUDY** skies were forecast for most of the state today with widely scattered late afternoon and evening thundershowers.

For Phoenix, the weatherman expects cloudiness with a chance of late afternoon or evening thundershowers. The predicted high is 95, with a morning low of 73.

# Buckeye Hit by Wind, Water

## Sections Of Stores Damaged

In the manner of a tropical rip snorter Buckeye got a beating from wind and water early Tuesday morning, leaving a layer of silt and water damage to stores on the Southwest side of Highway 80.

Following a short warning from the lightning department, a wall of water at 5:15 a.m. made traffic a dangerous and groping affair for the few motorists who ventured forth.

The worst of the storm lasted about a half hour giving roofs a baptism of fire.

No injury to persons has been reported but a bottled water truck turned over in a ditch 12 miles West of town. Part of the highway is open only for one way traffic.

The weather man gave the precipitation as 1.85/100th of an inch but the merchants, as they shoveled, will swear it seemed ten times that.



**MOPPING UP AFTER TUESDAY'S DELUGE** I. to r. upper row: Roy Leming, veteran Buckeye business man sweeps out his Corner Store property; Bargain Basement

below was undamaged due to its construction; Linda Welch cleans up at her parents' Ben Franklin Store; Lewis Estrada lends a hand at Ben Franklin; aerial view of mud stir-

red up by the downpour. Lower pictures I. to r.: Mrs. Lewis and John Brodie clean out Buckeye Laundry; Joe Schettino gets an assist from Charlie Post's friends; this,

and next picture show damage at Western Auto; Joe Wolf and his shadow work in the basement of Wolf's Dept. Store.

# Dams Proposed For County Area

A recommendation that the county build a series of experimental dams to protect the Cave Creek - Carefree area will be made Wednesday to the county flood control advisory board by Col. John C. Lowry, the flood control district's general manager and chief engineer.

The colonel said he will make this recommendation on the basis of an on-the-ground study of the wash network he made Friday in the company of Second District Supervisor B. W. (Barney) Burns, County Engineer Samuel Lanford and Cave Creek real estate man Bill Metcalf who went along as guide.

Lowry made it clear that these check dams, envisioned to range no higher than 12 feet, are no substitutes for the proposed Cave Buttes and Dreamy Draw dams for the protection of Phoenix.

ONLY TO A SMALL degree, he said, would they reduce the amount of water entering Phoenix.

The check dams, as described by Lowry, would be earthen affairs ranging from 4 to 12 feet in height that could be dozed into shape in such tributary washes to Cave Creek as Upper Blue, Blue, Galloway and Rowe. Flash flood waters impounded

by each would be bled down-wash to the next dam by means of a pipe of small diameter. With the water thus drained away, the dam would be empty for the next flood.

Colonel Lowry said he is going to suggest to the advisory board that five to seven such check dams be built with the idea that they be expanded in number of the plans works.

ANY RECOMMENDATION to come from Wednesday's meeting would have to be passed along to the board of supervisors.

The colonel said the experiment could be made without raising the flood control levy from the present 2 cents on each \$100 of real property evaluation.

Lowry expressed belief that such check dams would protect the communities of Cave Creek and Carefree, the area surrounding and county roads running through it.

*P.H. Houghton*

5-29-67



*Phot. Hazelle - Oct. 16, 1967.*

# 3-Cent Hike In Flood Tax Looms For 2 Control Dams

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Supervisors William S. Andrews and B. W. (Barney) Burns expressed approval of these flood control works at an informal meeting with engineers representing the Joint Engineers Flood Control Committee, made up of three professional engineering groups.

CONSTRUCTION OF the two dams, calculated to protect a wide swath of Phoenix just east of Deer Valley southward and parts of Scotts-

dale, would entail a county expenditure of \$440,000 and a federal expenditure of \$8.6 million.

The county money would be principally for the acquisition of right of way for the two dams. The federal money would be for their design and construction by the U.S. Corps of Engineers.

THE PROPOSAL, which would in a way supplant the flood control plan turned down by district voters in 1966, was termed "pay as you go flood control" by Ben T. Dibble, chairman of the joint engineers committee, and by Fred Ellis, his vice chairman.

It was noted by Col. John Lowry, county flood control district manager, that the

Corps of Engineers now has \$200,000 earmarked for the design of the two dams. He said that the projects were approved by Congress in 1966 and indicated that Congress always follows through by appropriating construction money for projects it has previously approved.

THE PAY AS you go plan contemplates other projects as well as the two dams. These would include channels to carry the flow from the dams ultimately into the Gila River.

However, for the time being, the dams would be built without carry away channels. The water release would be carried into existing channels through ungated outlets.

# Supervisors May Give OK For Flood Control Dams

*Phot. Day  
R.P.O.*

10-23-67

By CLYDE A. MURRAY

Two flood control dams north of Phoenix could be completed in four years if design work started immediately, Maricopa County's chief flood control engineer said yesterday.

John C. Lowry, the engineer, is awaiting the passage of a resolution by the County Board of Supervisors, expected this week, that would enable the U.S. Army Corps of Engineers to start the design work.

LOWRY SAID the two dams, Cave Buttes and Dreamy Draw, are intended to shield from floods from the Cave Creek watershed, 95,000 Phoenicians occupying 30,000 homes, 1,700 commercial establishments, 36 schools, 7 hospitals and 81 churches in a swathe extending from north of Deer Valley to the Salt River.

Without the dams, if the largest rainfall ever recorded on the watershed at one time were repeated, damage would be in excess of \$100 million, he said.

ACCORDING TO Ben T. Dibble, chairman of a joint flood control committee of Valley engineers, these figures have prompted the committee to give the proposed Cave Creek and Cave Buttes dams top priority in a "pay as you go" flood control program.

Along with other groups, including the City of Phoenix and the County Flood Control Advisory Board, the engineers believe the supervisors can finance the Cave Buttes and Dreamy Draw dams and subsequent projects by increasing the county's special flood control levy from the present 2 cents to 5 cents per \$100 of assessed property valuation.

Lowry said the county needs about \$440,000 for the two dams. Washington, in addition to the \$200,000 for design, would provide about \$8.3 million for construction.

ACCORDING TO the County Flood Control District's comprehensive report on 1963:

—Cave Buttes dam would be erected 3 miles north of Bell Road on Cave Creek, near the extension of 16th Street. It would be about 2 miles south of the Cave Creek dam erected with local funds in 1923. Lowry maintains the present dam is outmoded and inadequate.

—A much smaller dam would be built on Dreamy Draw 1 mile northeast of the intersection of Northern and 16th Street in northeast Sunnyslope.

At a meeting with the supervisors two weeks ago, Biddle said the Cave Buttes and Dreamy Draw dams should get first priority because they are the most needed at this time. He noted that they would protect the largest number of people in Phoenix, which provides about 70 per cent of the county's tax base. He also noted that \$200,000 is available to start design of the two projects and Congress has already approved their construction.

BIDDLE TOLD The Arizona Republic he expected some opposition. It wasn't long in coming from David C. Cox, president of the Arizona Homeowners Association, who has opposed county flood control programs in the past.

To counteract any possible charges that he has personal interests at heart, Biddle said, he has informed the Board of Supervisors in writing that he will accept no work arising out of the flood control projects.

He acknowledged, however, that some work, such as soil testing, would come to other Valley engineers from flood control projects. But he does not consider this their primary motivation, Biddle said.



# Flood Board Plans Parley On Dams In Cave Creek

By BRUCE KIPP  
Gazette Staff Writer

The county flood control advisory board is scheduled to discuss small check dams for the Cave Creek area next Wednesday.

County Supervisor B. W. (Barney) Burns, who in May advocated construction of the check dams as flood-control substitutes for the proposed Cave Buttes and Dreamy Draw dams, said he thinks they would protect the northern residential areas of Phoenix.

COL. JOHN C. LOWRY, county flood control district general manager and chief engineer, contends that such check dams, while useful to protect the Cave Creek area itself, would only to a small degree reduce the amount of flood water that might enter Phoenix.

H. S. (Hank) Raymond, chairman of the flood control advisory board, regards the proposed Cave Buttes and Dreamy Draw structures as small dams compared to Painted Rock Dam on the Gila River.

BURNS RECENTLY circulated to Lowry, Raymond and others a speech in which Associate Editor Elmer T. Peterson of the Daily Oklahoman in Oklahoma City advocated small dam or agricultural watershed flood control as vastly superior in the average prairie plowland area to the protection provided by the big dam.

The speech, termed "Big Dam Foolishness," was delivered by him in 1953 in Washington before the 18th North American Wildlife Conference.

LOWRY, WHO during Army Engineers service worked out of the Rock Island (Illinois) area, sees dams such as advocated by Peterson suitable for handling soil erosion but no good for flood protection.

He said back East these small dams are built in flat areas. Water tops these dams, he said, and drops off silt. This the farmer plows and plants until the area floods again, he said.

RAYMOND, IN A letter to Burns acknowledging receipt of a copy of the Peterson speech, declared he thoroughly subscribes to Peterson's theory that "small dams on tributaries to major streams control better than large dams on the main stream."

He noted that, in the early 1950s, the Agua Fria Soil Con-

servation District constructed two detention dams near the eastern foot of the White Tank Mountains.

FOLLOWING construction, he continued, McMicken Dam near the north end of the White Tank Mountains was constructed.

He cited the recently-constructed Powerline Dam at the county's eastern edge as another structure embracing the small dam concept.

He said the Cave Buttes and Dreamy Draw structures could also be regarded as small dams.

SINCE MARICOPA County's real property owners in 1966 turned down a proposed \$22.7 million countrywide flood control bond proposal, Burns recommends that the small dams be built with revenue from the present two-cent flood control levy without an increase in taxes.

Burns' proposed dams would be small earthen affairs, bulldozed together in washes ranging from two to 15 feet.

Hydraulic studies for some in the Cave Creek area are being made preparatory to action that may be taken at the flood control advisory board meeting next Wednesday.

## Tucson Firm Lowest On Vineyard Dam Bid

Ashton Co. Inc., at \$514,621, is apparent low bidder on the construction of Vineyard Road flood control dam south of Apache Junction.

Bids were opened yesterday by the Maricopa County Flood Control District. Ashton is a Tucson firm.

But, on the grounds that plans and specifications were not attached, William Pulice Concrete Construction of 3801 N. 43rd Ave challenged the Ashton bid.

John C. Lowry, chief engineer for the district, said the complaint will be referred to the district's lawyer. The Pulice bid was \$516,153.

Vineyard Road Dam, a 4.5-mile long earthen work, will be located a quarter mile south of the just-completed Powerline Dam.

It is designed to protect 34,000 acres of cultivated land, 125 miles of road, the General Motors Proving Ground and Williams Air Force Base—all in the Chandler watershed area.

Bell Road and Cave Cr  
12/20/67



Thunderbird Rd at Cave Creek  
12/24/67



22.8

21-8



22-1

Looking E

Thunderbird Rd & Cave Cr  
12/24/67



23.1

67

Looking NE

Thunderbird Rd at Cave Cr.

12/29/67

22.3



Looking E

22.5



Looking S

22.4



Looking S

Cactus Road & Cave Creek  
12/24/67



23.2

64

Looking E

Thunderbird Rd & Cave Cr  
12/24/67  
Dec 24 1967



12-20-67

875



Peoria Road &  
Cave Creek  
12/24/67

23-5



2314



# Flood Control Engineer Backs Check-Dam Proposal

*Republic* 6-1-67

THE CHIEF county flood control engineer yesterday endorsed a check-dam proposal made by Supervisor B. W. Burns, but a number of flood control advisors spoke against it.

Burns' suggestion that the county erect a series of small earthen dams, starting with the Cave Creek area, was called a "feasible program" by John C. Lowry, the chief flood control engineer.

But others attending a flood control advisory board meeting were less enthusiastic.

THE BOARD finally decided to call for hydrology and cost benefit ratio studies before

making a recommendation on Burns' proposal to the Board of Supervisors.

Hugh Nichols of Chandler, a member of the advisory board, called the proposal a "piddling" approach to flood control.

Lowry said he had made a study of the check-dam proposal. He raised the possibility of the county building 14 dams on washes north of Cave Creek at an estimated cost of \$21,000. He said the dams would not be higher than 15 feet, and all 14 could be built in two months by county employees using rented equipment.

SAMUEL LANFORD, county highway engineer, said the small dams would benefit only

the Cave Creek-Carefree area. There would be little reduction of floodwaters from the Cave Creek watershed which find their way to the Phoenix metropolitan area, he said.

Lanford said small dams had a place in an over-all flood control program, "but I resent going into something

like this blind without some facts."

An ex-officio member of the board, Robert Esterbrooks, a City of Phoenix engineer, questioned an eighth of the flood control district's total annual revenue being spent to benefit, as he put it, "private interests in the Cave Creek area."

# Burns Still Likes Small Flood Dams

Maricopa County Supervisor B. W. Burns said yesterday he has not given up on his midget dams project.

Burns would like to see several earth flood control dams, no higher than 15 feet, built on washes north of Cave Creek. If they proved effective and inexpensive, he thinks the system could be spread to other parts of the county.

THE COUNTY flood control district does not have money to build large dams. Burns sees midget dams as an inexpensive approach to flood control.

However, at an Aug. 23 meeting of the flood control advisory board, sentiment was definitely against the small dams.

John C. Lowry, flood control engineer, told the board a hydrology study, not yet completed, indicated the midget dams north of Cave Creek would provide nothing more than local flood protection. He said the dams would not benefit Phoenix.

APPARENTLY Burns, who was out of the state on Aug. 23, will let the fate of the midget dams ride with the advisory board members, who are appointed by the three supervisors.

Asked if he would pursue the matter if the advisory board does not recommend the midget dams, Burns said:

"Probably not. Those people seem to know what they are doing."

TRIZ REPUBLIC  
9/14/67

## Supervisors Discuss Flood Control Levies

Possible new approaches to flood control in Maricopa County was discussed yesterday by the Board of Supervisors.

The meeting was closed to the press and public, but it was learned later that Ben Dibble, a Phoenix engineer, met with the three supervisors.

Dibble acknowledged later that he and the supervisors dis-

cussed ways and means to accelerate the county's flood control program on a "pay as you go" basis. He said he represented the "500 to 700" professional engineers in the Valley.

Dibble said he would like to see the county raise the special flood control levy from the present 2 cents per \$100 assessed property valuation to the 5-cents allowable.

He said a commitment from the supervisors would release federal funds to design the proposed Cave Creek and Cave Buttes dams north of Phoenix.

Several months ago the supervisors abandoned their practice of meeting in private on Wednesday mornings. One element of yesterday's closed session was that John C. Lowry, chief of flood control engineer for the county, did not participate.

IV



CONTROLLED RUNOFF -- Bill Green, Rt 1, Box 832, Glendale, a zanjero with the Salt River Project for the past 14 years is shown adjusting the valves at the Cave Creek Flood Control Dam. He is letting the proper amount of water through so as to not flood the valley with out of control rampaging flood waters. At this time there was 11 feet of water stored behind the 50 foot high dam. (American Photo by Jack Shumway)



9/6/70 Cave Creek Dam Outlet, Est 6-800 cfs.





*Photo. Gazette - Oct. 16, 1967.*

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*Phot. Ray R.P.O.* 10-23-67

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Rep 11-7-67

## Valueless Dam

After reading The Arizona Republic of Oct. 24, I find that the Dreamy Draw Dam will be built in spite of the election against it.

I have lived in the Dreamy Draw area since 1951. In that time, water has come down the washes, in any amount, only three times. The worst flood, caused by a heavy afternoon shower, held up traffic for about an hour. Mud, water and some debris blocked the roads at 12th St. & Kaler; at Northern Ave. a half block west of 12th St.; and at 16th St. one block north of the Arizona Canal.

A survey of this flood-devastated area showed: One chicken coop washed away at approximately 15th St. & Myrtle (it may have been a rabbit hutch), and water ran into living room at 13th St. & Winter Dr. Some blacktop was cut away one block west of 12th St. on Northern Ave. No one below the Arizona Canal was directly affected by these three washes.

To me, the Dreamy Draw Dam is of no value, but the \$8.3 million okayed by Congress must be a tremendous factor. Of course, this is a gift from the Great White Father in Washington and we poor, stupid taxpayers won't have to pay for this \$8.3 million!

NOEL P. KRINGLE

Ariz Republic  
1-21-67

## Weigold Elected By Flood Group

Wilbur Weigold of Buckeye has been elected chairman of the Maricopa County Flood Control Citizens Advisory Board.

The seven - member board elected Weigold, secretary and general manager of the Buckeye Irrigation Co., to a one-year term, succeeding H. S. Raymond of Peoria.

Louis Jurwitz, of 2448 E. Belleview, a retired meteorologist, was elected vice chairman of the board.



Patterson Rd Bridge

9/10/67



Patterson Rd  
Bridge  
9/10/67



Patterson Road Bridge

9/10/67



Patterson Road Bridge

9/10/67



Patterson Road  
Bridge

9/10/67



9/10/67

Cid US 80 100'  
North of  
Patterson Road



Gila River  
Near Arlington

12-5-67

67-133



67-134

75



67-135



Gila River  
near Arlington  
12-5-67

67-136



67-137

76

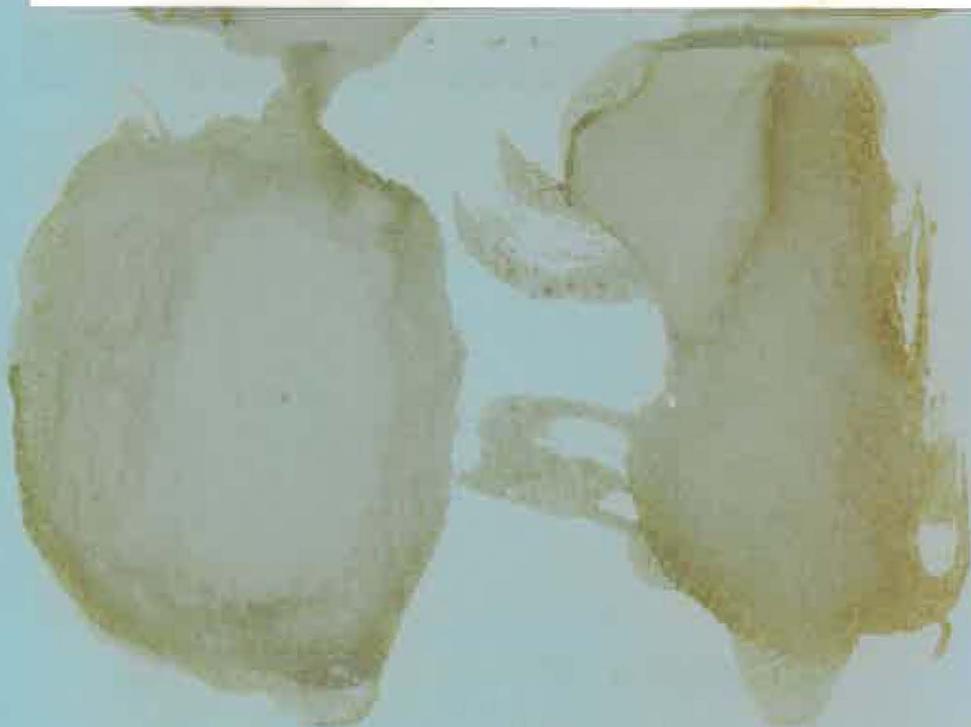


67-138



✓  
Gila River  
near Arlington

12-5-67



Vicinity Estrella  
Mtn. Park

June '66



91st Ave & Salt River  
12/22/67 *look*



Looking S

67<sup>th</sup> Ave & Salt River

12/22/67

Looking S

79

21-1



21-2



21-3



US 80 + Salt River  
Gila  
12/26/67

2-7



Looking S

2-8



Looking S

3-1



Looking N

12/26/67

Rainbow Valley Rd

Gila &  
~~Salt~~ River

Looking north  
South

(195<sup>th</sup> Ave on  
Jackrabbit Trail)

2.1



2.2

2.2



2.3



12/26/67

Airport Road  
Looking South



Gila  
Miller Rd & Salt River  
Looking South



Gila  
Miller Road & Salt R  
Looking South



12/26/67

Old US 80 &  
Patterson Road  
Intersection

3.6



Looking NE

3.4



Looking NE

3.5



Looking E

Rainbow Valley

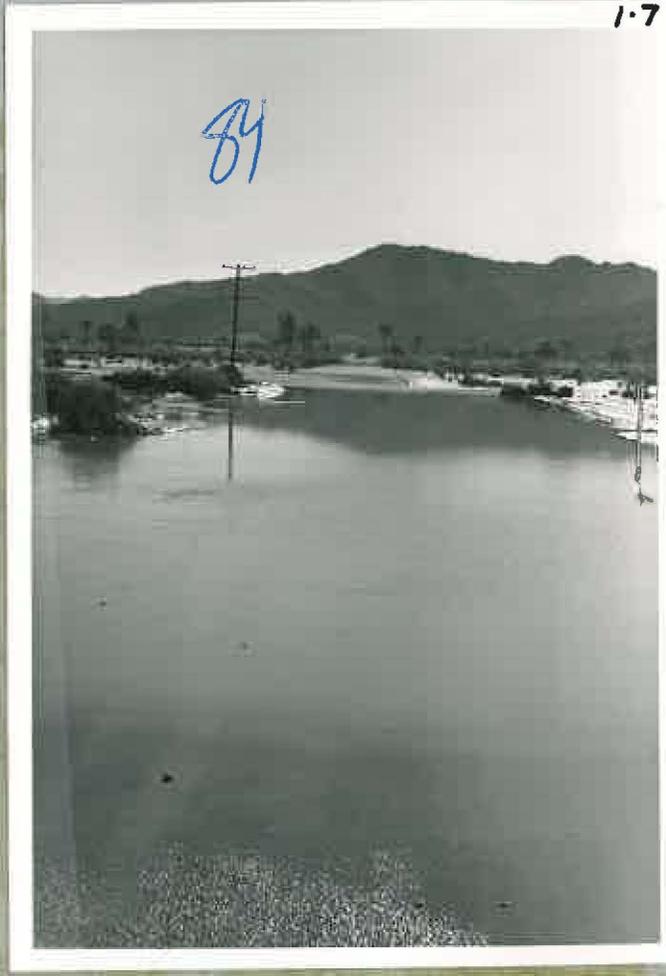
Estrella Park Rd

12/26/67

(Bullard Road)

Satt

Gila River



1-7



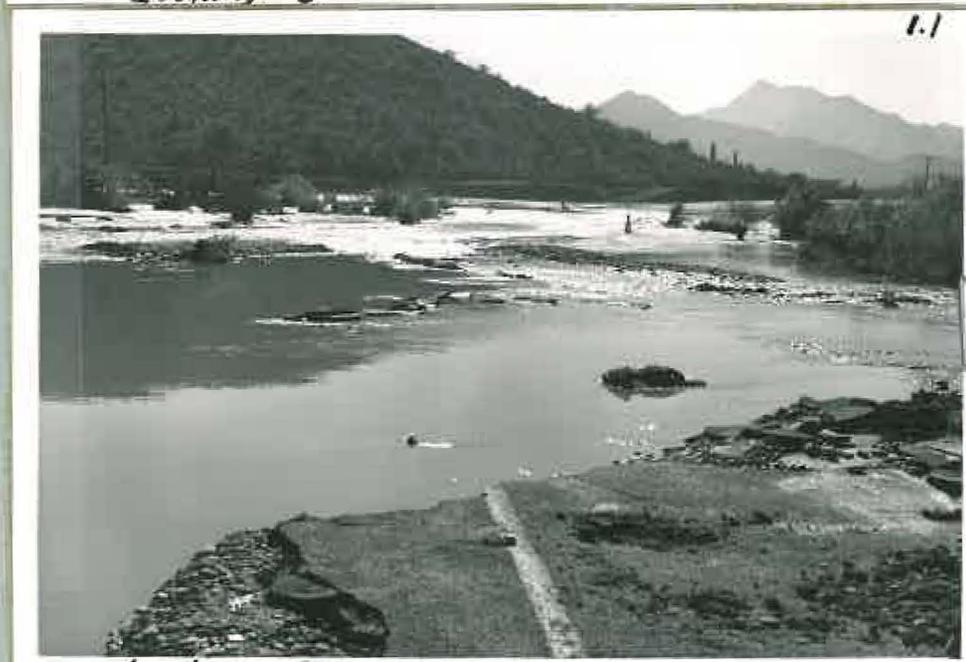
1-6

115<sup>th</sup> Ave & ~~Salt~~ Gila River

12/26/67



Looking S



Looking S

12/26/67

123rd Ave &  
~~Salt~~ River  
Gila



1.3

Looking NE



1.5

Looking S



1.4

Looking S

old US 80 & Patterson Road Intersection  
12/26/67





# Single Dam Could Provide Flood Protection, According To ASU Survey

A single dam, built four miles above Granite Reef Dam, could provide ample flood protection for the Valley, a geographical study at Arizona State University believes.

Compared to the \$145-million, 29-project flood-control program rejected last year by Maricopa County voters, the single dam, costing about \$31 to \$35 million, might save taxpayers as much as \$80 million.

Under the proposal, land use of the Salt River channel would be restricted by zoning regulations.

"Combination of flood-control dam and land-use regulations would create the greatest amount of protection for the Phoenix area at least expense

to the public," the study indicated.

THE SINGLE dam would be 169 feet high with storage capacity of 1,250,000 acre-feet, plus 900,000 reserve capacity for flood control.

The ASU study was conducted by Adrian W. Kolter Jr. of Wichita Falls, Tex., in cooperation with the ASU geography department. Kolter is a graduate of North Texas State University and won his master's degree at ASU this year.

Kolter's study reviewed floods in the Valley from 1891 to the most recent one in 1965-66, the first time in 25 years so much water flowed down the Salt River.

DURING THE flood, caused

by the release of water from Salt River Project reservoirs, nearly 500,000 acre-feet of water flowed down the river, with 150,000 acre-feet utilized for groundwater recharge, it was noted.

A combination of heavy rains, falling upon heavy snows in the mountain altitudes, caused the unexpected inflow into the SRP's reservoirs on the Salt and Verde rivers. Project officials released stored water to handle the storm inflow.

Kolter said one way to achieve flood control is to require the Salt River Project to keep available at all times 300,000 or 400,000 acre-feet of water storage space in its reservoirs.

But he concludes this would be

"unfair" to the SRP since the purpose of the project is to store water for use, not keep space available for catching flood waters.

ANOTHER WAY to control the Salt River itself is to build flood-control projects along the river: This proposal was encompassed in the \$115-million program tacitly rejected at a \$22.6 million bond election in March 1966. (The \$22.6-million would have been county bond funds, the remainder federal funds.)

Observed Kolter:

"This type of program is expensive to build, and in some areas it produces more problems by creating false security against floods."

(The single-dam location and size are similar to proposals for the Orme Dam, a part of the Central Arizona Project. However, the Orme Dam was a storage dam. In

January 1966, a county flood control official said the Orme Dam would not be essential to the \$115-million county-wide flood control program.)

ONLY ONCE since 1941, the

## State Sues For 'General'

CHATTANOOGA, Tenn. (AP) The State of Georgia, charging Chattanooga's action in seizing the famed Civil War locomotive, the General, was unconstitutional, seeks to recover the engine through a suit filed in U.S. District Court here.

Georgia Atty. Gen. Arthur Bolton filed a writ of replevin to regain possession of the old wood-burner, stating the city

acted in "an arbitrary misuse of judicial power" in seizing the locomotive as it was on its way to Kennesaw, Ga., to be presented to Gov. Lester Maddox.

Georgia maintained it has ownership of the engine through its wholly owned Western & Atlantic Railroad which is leased to the Louisville & Nashville Railroad.

study noted, has a single peak discharge of water from the Salt River watershed been able to fill the SRP reservoirs. It observed that the reservoirs must be close to capacity in order to have a flood in Phoenix.

(In some instances, local thundershowers have caused Phoenix flooding damage.)

The recurrence interval of the Dec. 22, 1965, peak discharge (related to the 1965-66 flood) of 68,000 cubic feet per second is 8.5 years.

Some 8,000 residents of the lowlands near the river were evacuated Dec. 31, 1965, from their homes but by nightfall all but 400 had returned home.

Of the \$5,823,066 damages caused by the flood, 79 per cent were physical damages sustained by industries and residential areas directly in the path of the water.

RESIDENTIAL property accounted for only one-tenth per cent of total damages. Industrial damage, principally sand and gravel companies in the river bed, amounted to 42 per cent of damages. Some commercial businesses along the north side of the river, along or near Scottsdale Road in Tempe, were damaged.

Total public expenditure caused by the flood was \$1,685,900, mainly attributable to repairs to streets, bridges, and highways.



## **Watershed Plans For Harquahala Approved by SCD**

The Buckeye-Roosevelt Soil Conservation District Board of Supervisors voted to approve the work plan for the Harquahala Valley Watershed.

This work plan was prepared by the Soil Conservation Service watershed planning party at the request of the Maricopa County Flood Control District, Buckeye-Roosevelt SCD and the Harquahala Valley Improvement Association.

The plan shows the location and estimated cost of constructing diversions and reservoirs to control flood water that may damage irrigated cropland on the north side of Centennial Wash. It shows conservation work already completed as well as conservation work planned to be done on this irrigated land.

According to the computations in the work plan, the ratio of average annual benefits to average annual cost is nearly two to one.

This project, when installed, will control the flood water originating in the nearby mountains and greatly decrease the overall flood damage to agricultural lands in this part of Harquahala Valley.

At the request of the sponsors, (Maricopa County Flood Control District and the Buckeye-Roosevelt Soil Conservation District) the Watershed Planning Party of the SCS is making a preliminary study to determine the feasibility of a watershed project on the south side of Centennial Wash. This project is known as the Eagletail Watershed. It will be designed to keep

(Continued on Back Page)

*Buckeye Valley  
News*

*4-27-67*

Thursday, April 27, 1967

## **Watershed Plans . . .**

(Continued from Page 1)

major floods from damaging crops and irrigated farmland in this area.

Preliminary surveys have been completed. Engineers and Hydrologists are gathering data on soils, geology and damages from previous floods.

Guests of Mrs. Edith Welch for a few weeks are her daughter and husband, Mr. and Mrs. John R. Lindsay of Fredonia, N.Y. and their daughter, Mrs. Robert Lang of Van Wert, Ohio. They are also visiting Mrs. Welch's son, Dave Welch and family.



*Tempe Daily News*  
**Guadalupe Flood  
Study Requested**  
1-23-67

**Supervisors Seek Federal Fund To Make  
Drainage Survey In Area South of Tempe**

Supervisors of Maricopa County today (Monday) voted to ask the federal government to finance the study of a major drain-

age project for the community of Guadalupe, south of Tempe.

The action was taken by the board of supervisors in its regular meeting on the motion of L. Alton Riggs, supervisor of District 1, following presentation of a request from the citizens' advisory board of the Maricopa Flood Control district.

In other action, the board appointed Jerry Stahnke as deputy county attorney, at a salary of \$500 a month. He succeeds John Lewis, who has resigned.

The supervisors also awarded to the Mel Slaysman Construction Company a contract to build a new addition to Guadalupe Elementary School, on recommendation of the trustees of Tempe Elementary School District Three. The Slaysman company's bid of \$152,046 was lowest of those submitted in a bid opening conducted by the supervisors on Monday, Jan. 16.

The new addition will provide four additional classrooms, offices, and general purpose space, and will house central heating and cooling equipment.

(Continued on page 10)

## Supervisors

(Continued from Page 1)

replacing individual units that are now being used in previously-built additions. The existing equipment will be placed in use in some of the two-room transportable units now in use at various schools of the district.

The proposed Guadalupe drainage project originally was designed as a part of a comprehensive flood control and drainage project proposed by the Flood Control District for the protection of the cities of Tempe, Mesa, Chandler, Gilbert, and rural areas of the eastern part of Maricopa county, and known as the Gila Drainage Project. The Gila project, in turn, was a part of a comprehensive plan to have been financed jointly by the Flood Control District and the federal government, with the Corps of Engineers and the U. S. Soil Conservation Service as participating agencies. The comprehensive county-wide program was rejected by taxpaying voters of the county last February.

The Flood Control District's citizens' advisory board advised the supervisors that further investigation has indicated that the Guadalupe project should be handled separately from the overall Gila Drainage project, and suggested that the study be made by the Soil Conservation Service.

The citizens Advisory board is scheduled Tuesday to decide upon whether it will foster an effort to obtain passage of legislation authorizing the Flood Control district to set up separate zones within the county to finance flood control projects by zones.

The proposed legislation also would authorize the flood control district to act as a water conservation district, which would finance and maintain works for the conservation of water from storm runoff within the county. If given the backing of the advisory board, and endorsed by the board of supervisors, the bill would then go to the State Legislature for consideration.

The board of supervisors will not hold its regular meeting next week.

Asing Republic

1-24-67

## Flood Study Asked for Guadalupe

The Maricopa County Board of Supervisors yesterday voted to ask the federal government to make a flood control study of the Guadalupe area.

Guadalupe is an unincorporated community south of Tempe.

The supervisors, on request of the county flood control district advisory board, will ask the U. S. Soil Conservation Service to make the study.

**PROTECTION OF** Guadalupe was originally included in the Gila Drain Project designed also to protect Mesa, Tempe, Chandler, Gilbert and other areas in the eastern part of the county.

But the county's flood control advisory board decided the Guadalupe area merits separate consideration from the over-all Gila Drain Project.

In other major action, the supervisors:

—**DECIDED TO** recommend that Romanoff's Ranchero Restaurant, 3145 E. McKellips Road, Mesa, be granted a liquor license. County legal counsel had declared that the restaurant was built in violation of the county zoning code.

—Extended for one year the special use permit of Sun City Sewer Co. to operate a raw sewage lagoon near Sun City. It was stipulated that the company must start construction of a new plant within a year.



NEW RIVER  
10/30/67

Looking downstream at  
Sanner Construction Co.  
operations. Standing at  
Peoria crossing.



Sanner Construction Co.  
operations. Riverbed is  
only approximately 75'  
wide here.



Looking upstream from a  
point below Sanner Con-  
struction Co. materials  
operation (between Olive  
and gravel pits).



NEW RIVER  
10/30/67

New River, looking up-  
stream at materials  
operations of Sanner  
Construction Co. (lo-  
cation between Olive  
and gravel pits.)



Sanner Construction Co.  
operations south of  
Peoria Ave.



Peoria Ave at New River

10/2

12/20/67



Looking SW

3.8

Peoria Ave at New River  
12/20/67



3-4

90A

Looking W



Northern Ave + New River

12/20/67

7.8

91



Looking W



Olive Ave & New River

12/20/67

Looking W

3-1



3-2



3-3



Glendale Ave & New River

12/20/67

(No problems)



7.7

9B3

Looking NE

Peoria Ave at New River  
12/20/67



Looking E



# Water Content In State Snow At Record Level

Arizona's snow is filled with record amounts of water.

That was part of the good news offered today by Richard Enz, snow survey chief for the U.S. Soil and Water Conservation Service.

**THE SNOW**—Arizona's gift from Alaska during a nine-day period in December—has the highest water content ever recorded so early in the season, Enz said.

Arizona got some rain and snow today and the weatherman said more can be expected from a storm moving across the state.

Up to noon, .03 of an inch of rain was measured at Sky Harbor to give Phoenix a big head start in 1968. The city didn't get any rain in 1967 until Jan. 23, when .25 was measured.

**SNOW WAS FALLING** in scattered areas from Flagstaff along the Mogollon Rim to the White Mountains. The Weather Bureau issued travelers' warnings.

In some parts of the state, the water content of snow now on the ground already is greater than for any season since 1949.

There are 16.6 inches of water in the six-foot compacted snow on the Whitewater snow course in New Mexico, a part of the Gila River drainage area. This will ultimately benefit the Safford-Duncan area, add storage to San Carlos Lake and aid crops in the Casa Grande-Coolidge-Sacaton district.

In the White Mountains, Mt. Ord has 16.2 inches of water in 74 inches of compacted snow, nearby Mt. Baldy has 12.6 in 42, and Maverick Fork has 13 inches of water where snow has been as much as eight feet deep. Part of this runoff will ultimately drain into Salt River and part into the Colorado River system.

"**THERE IS A LOT** of low snow, more than usual in Prescott and Payson areas, (largely on Valley watersheds), and this could come off with warm rains," said Enz. "There hasn't been this much snow-water at 5,000-7,000-foot elevations since 1949.

Although there is no immediate threat of flooding—while the higher snow cover remains deep frozen—10 inches of water content was measured in the 35 inches of settled snow on Mogollon Rim above Strawberry. At Ponderosa Camp Ground on Tonto National Forest out of Payson the compacted snow has 7.4 inches of water in its 30.5 inches depth. At White Spar snow course, five miles south of Prescott there is 9 inches of water in the same snow depth, at Iron Springs 7.7 inches and at Copper Basin/Divide 11.3 inches of water content.

On skis, after a snow vehicle failed to make it from the east side of San Francisco Peaks, the snow surveyors took the

## at Signs 453 Bills

poverty appropriation bill along with various other measures, including expanded Social Security benefits and federal aid to education, just before midnight deadline Tuesday.

He also named today Yale economics Prof. Merton J. Peck, 42, to fill the vacancy on the Council of Economic Advisers created by appointment of its chairman, Gardner Ackley, as U.S. ambassador to Italy. The man named to move up to replace Ackley, Arthur M. Okun, also

# SNOW

Concluded From Page One

Snow Bowl lift, then circled the south slope of Agassiz Peak, sometimes carrying their skis in areas where wind-swept slopes were bare. Down-slope into the inner basin of San Francisco Peaks, which supplies Flagstaff with some municipal water, the three snow courses had four feet of compacted snow with 14 inches of water. The two skiers zig-zagged over a direct 10 miles to the car they had left on U.S. 89.

**MORMON LAKE** and Mormon Mountain snow courses, on Verde River drainage have from 10 to 11 inches of water in three feet of snow.

The relatively low snow of the Mormon Lake, Payson and Prescott areas would be most likely for early runoff if warm rains come in ahead of cold snowstorms.

Unusually consistent in the amount of snow moisture dropped, the December storm left even more water in the snow cover on the White Mountains and in other mountains in eastern Arizona and New Mexico which feed both the Salt River and the Gila Rivers.

Storage in the Verde and Salt River reservoirs supplies the central Arizona fields under Salt River Project, as well as supplying Phoenix and other Valley towns with municipal and industrial water.

**HEAVY SNOW** still blankets the Bradshaw Mountains, which feed the Agua Fria to Lake Carl Pleasant, northwest of Phoenix.

The weatherman said two inches or more of snow can be expected in the northeastern plateau, north central mountains, the Mogollon Rim and White Mountains.

About 2 to 3 inches of snow fell in the mountains southeast of Kingman at elevations above 6,000 feet this morning. Some of the higher elevations along Highway 66 west of Flagstaff received from 2 to 5 inches of snow.

Southwest winds in the upper atmosphere dissipated the surface cold front that was to reach Arizona during the night, but not before some cold air penetrated northern portions of the state.

Winslow, at 2 degrees below zero, was colder than yesterday morning.

In Phoenix, the low was 33— one degree warmer than yesterday. Four times during the past 62 years, the temperature has dipped to 25 on this date in Phoenix.

The Arizona Game and Fish Department reported antelope are spurning the hay dropped from cargo planes.

**TWENTY-THREE** dead antelope already have been counted in the Winslow area. The antelope apparently would rather starve than eat the hay. Snow still covers their usual grazing areas.

A large number of deaths could force a reduction in the number of antelope hunting permits the department will issue this year.

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GAZETTE

AUG 25, 1967

## Upper New River Dam Revived

The county flood control district, at the suggestion of Peoria-area rancher Oscar Recker, is again taking steps to revive the Army Corps of Engineers' interest in constructing Upper New River Dam, at a site about 4½ miles north of the town of New River.

John C. Lowry, county flood control district engineer, said today he will contact park and recreation, game and fish and soil conservation people with interests centered around New River to develop justification for the project.

The Corps of Engineers, he said, had turned down the Upper New River Dam proposal as not justifiable on a benefit-cost basis.

Upper New River Dam would divert some of New River's occasional flow into Lake Pleasant and thence down the Agua Fria. Recker's farmland lies at New River's confluence with Skunk Creek.

Recker said the dam would also relieve Sun City of possible flood flow should additional water be diverted into Skunk Creek through the construction of Caxe Buttes Dam and others in the Greater Phoenix Flood Protection Program.

Nov. 24, 1967

The Phoenix Gazette

# Commission Gives Support To Diversion Dam Proposal

Construction of Upper New River Dam, which would be designed to divert some of New River's occasional flow into Lake Pleasant, has received the support of the County Parks and Recreation Commission.

The commission, at the request of county flood control district engineer John C. Lowry, has adopted a resolution asking that new cost-benefit studies on the work be made.

The dam would be built about

4½ miles north of the town of New River. It once was rejected as not justifiable on a benefit-cost basis by the U.S. Corps of Engineers.

The parks commission's action is calculated to revive Corps of Engineers' interest in the project as a flood-control measure.

Lowry has told parks commissioners that the dam, by diverting New River water into

Lake Pleasant, would keep the lake — located in the county's Lake Pleasant Regional Park — from sinking in level so much each year.

This latest effort to get Upper New River Dam built was generated in August by Peoria-area rancher Oscar Recker whose farmlands at the confluence of New River and Skunk Creek become flooded when New River runs uncontrolled.