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EAST MARICOPA COUNTY AREA DRAINAGE MASTER STUDY
PUBLIC INVOLVEMENT PROGRAM

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

JUNE 1986

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THE FORUM
RILLITO CONSULTING GROUP

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PUBLIC INVOLVEMENT PROGRAM
EAST MARICOPA COUNTY AREA DRAINAGE MASTER STUDY

OVERVIEW

The goal of the public involvement program was to provide a process for a mutual exchange of information between the East Maricopa County Area Drainage Master Study sponsors and the effected public interests ---to identify issues, public perceptions and concerns relating to flood control in this area, and how these affect the proposed alternative plan.

The EMCAMDS encompasses a large geographic area which contains a mix of small homes and businesses, trailer parks, farms and high density planned retirement developments, interspersed with open desert land.

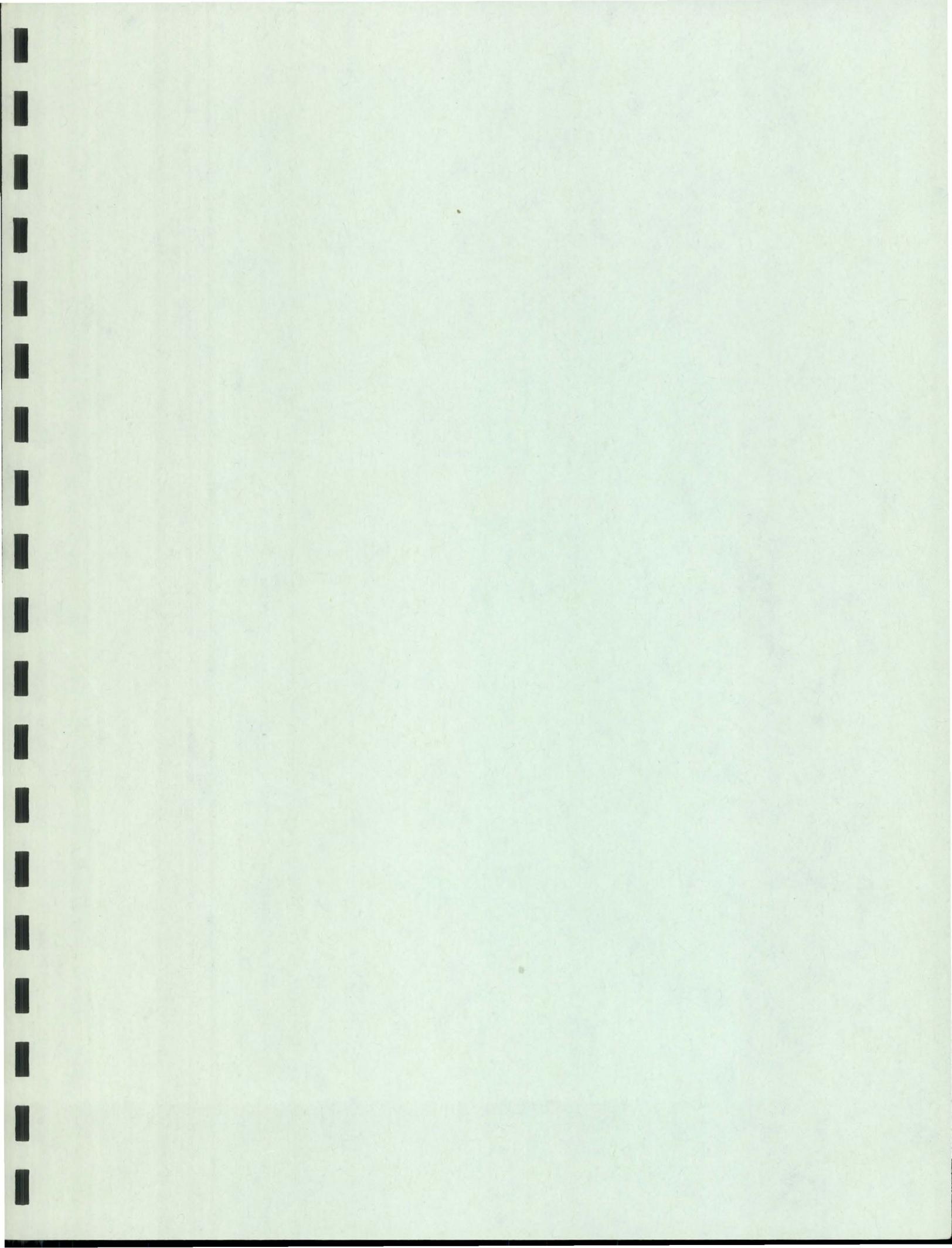
This diversity seemed to explain the lack of any specific community focus to be found in the area. Because of this, it was necessary for the consultants to interview a large number of people individually, as well as in small groups, in order to do a preliminary assessment on which to base the subsequent public involvement activities.

The assessment identified only one major problem area in the proposed plan --- a utility easement used by local residents for the enjoyment of native vegetation, wildlife, and nature trail. A special meeting to discuss the plan was held with residents of that area.

Another special meeting was arranged for developers and other associated with major existing and future developments in the area to apprise them of the proposed plan in order to dovetail their activities with it.

In addition, two meetings were held for the general public, one in the daytime and one at night, to get their input and reactions.

All meeting were well attended. In general, the response at the meetings to the proposed plan was positive.



PHASE I - PRELIMINARY ASSESSMENT OF ISSUES

Several initial meetings were held with the Flood Control District and City of Mesa staffs to review available information, key persons to interview, and any resources available. In each instance, as with subsequent interviews with other agencies' staffs, it was determined what specific information was useful to be gathered from the public relating to the agency's work.

As mentioned earlier, a number of interviews were conducted with representatives from federal, state, county, regional, city and school staffs and officials, as well as parents, senior citizens and retirement communities' leaders, developers, the Home Builders Association and the private water company serving the area. Over 30 people gave their input during the first phase of the program.

Two special issues emerged:

Much development is taking place in the Study area. Developers want to have early knowledge of the EMCADMP so as to adjust their own projects accordingly.

One channel proposed in the plan would go through a utility easement in the Dreamland Villa area that is presently being used by residents as a natural recreation area.

PHASE II - PUBLIC INVOLVEMENT ACTIVITIES

As a result of the findings of Phase I, it was determined that separate meetings should be held for developers, residents of the Dreamland Villa area, and a daytime as well as an evening meeting for the general public. In addition, informational materials and publicity for the meetings were planned and implemented as summarized below :

INFORMATIONAL MATERIALS

Utilities Bill Insert - The City of Mesa agreed to include an insert in their May mailing of utilities bills to residents living in the EMCADMS area. A two color insert was produced with specially designed cartoons which told about the Study and urged people to attend one of the two public meetings planned for June. 30,000 inserts were distributed.

Brochure - An informational brochure was designed and produced giving a brief background on the planning process, the proposed plan itself and the process for its implementation.

EMCAMDS - 3

The brochure addressed the most frequently asked questions about the plan. It utilized the same cartoon figures as in the flyers to give continuity in identifying the Study. Over 1000 brochures were printed and mailed out or made available at the public meetings.

Presentation - The consultants assisted the FCD in developing their presentation for the public meetings, designing the graphics and providing slides illustrating various types of flood control features.

Response Form - In order to get enough information to fairly assess the people's reaction to the plan and their preferences, a response form was designed for use at the public meetings to provide the basis for the analysis found in the Appendix.

PUBLICITY

Mailing List - A mailing list was developed of over 650 names for the initial mailing. All persons attending the meetings have been added to the mailing list.

Newsrelease - The news media serving the area was sent a prepared newsrelease about the EMCAMDS and the June public meetings. There was newspaper coverage before the meeting and both TV and radio coverage at the evening meeting.

For the Dreamland Villa meeting, an article was prepared for the May issue of the DREAMLAND VILLA CITIZEN.

Flyer - A special flyer was prepared and distributed giving information about the Dreamland Villa meeting to residents along the utility easement in the area.

Invitation - A special invitational letter was written and enclosed with each brochure. The same letter was sent home with students of the four elementary schools in the area.

MEETINGS

- April 22, 1986 - Developers and Engineers, Newton's Prime Rib Restaurant.

With the assistance of the Home Builders of Central Arizona and the Arizona Consulting Engineers Association, a meeting was arranged for all developers and others associated with development activities in the East Maricopa County area. All members of the two associations were invited to the meeting. A presentation was given about the planning process and the proposed plan. More than 60 people attended and asked to be kept informed of future activities or plan modifications.

EMCAMDS - 4

- May 16, 1986 - Dreamland Villa, Farnsworth Hall.

Working with the Dreamland Villa Community Club, a meeting was arranged for residents of this retirement community. Residents were informed about the meeting through the May issue of the DREAMLAND VILLA CITIZEN. Just prior to the meeting date, a flyer about the meeting was delivered to those residents living along the utility easement previously identified as a possible area of concern. About 300 people attended the meeting.

A number of people expressed great concern over the possible disruption of what has become a dedicated nature trail within the utility easement if the proposed plan is carried out. However, the response forms indicated strong support for the plan or some alternative form of protection from storm water runoff. Assurance was given at the meeting that future discussion would take place with those parties most concerned with the problems identified, including residents of the Velda Rose retirement area. (See Appendix for summary of responses.)

- June 5 and 6, 1986 - Public Meetings, Salk and Stevenson Elementary Schools.

In order to give people living in the EMCAMDS area an opportunity to hear about and discuss the proposed plan, both an evening and a morning meeting were held using the same format. The previously mentioned utility bill insert was sent out to residents of the area. An invitational letter was sent home with students of Salk, Stevenson, Jefferson, and Taft Elementary Schools. In addition, the informational brochure, along with a personal letter of invitation, was mailed to those on the mailing list. The news release resulted in the previously mentioned media coverage. About 90 people attended the evening meeting and 70 the next morning.

Questions and comments were mostly of a general nature interspersed with some specific homeowner's problem. The questions to be addressed on the response forms were discussed at some length. The subsequent responses resulted in the general conclusions given below. There were no new significant issues raised or problems identified. It may be of interest to note that of those that did indicate where they lived, 75% resided in the unincorporated area and 25% in the City of Mesa. (See Appendix for a full analysis of the response forms.)

In addition to the above meetings, two other meetings dealt with the EMCAMDS:

- April 11, 1986 - Mesa Parks and Recreation Board, Mesa Community Services Building.

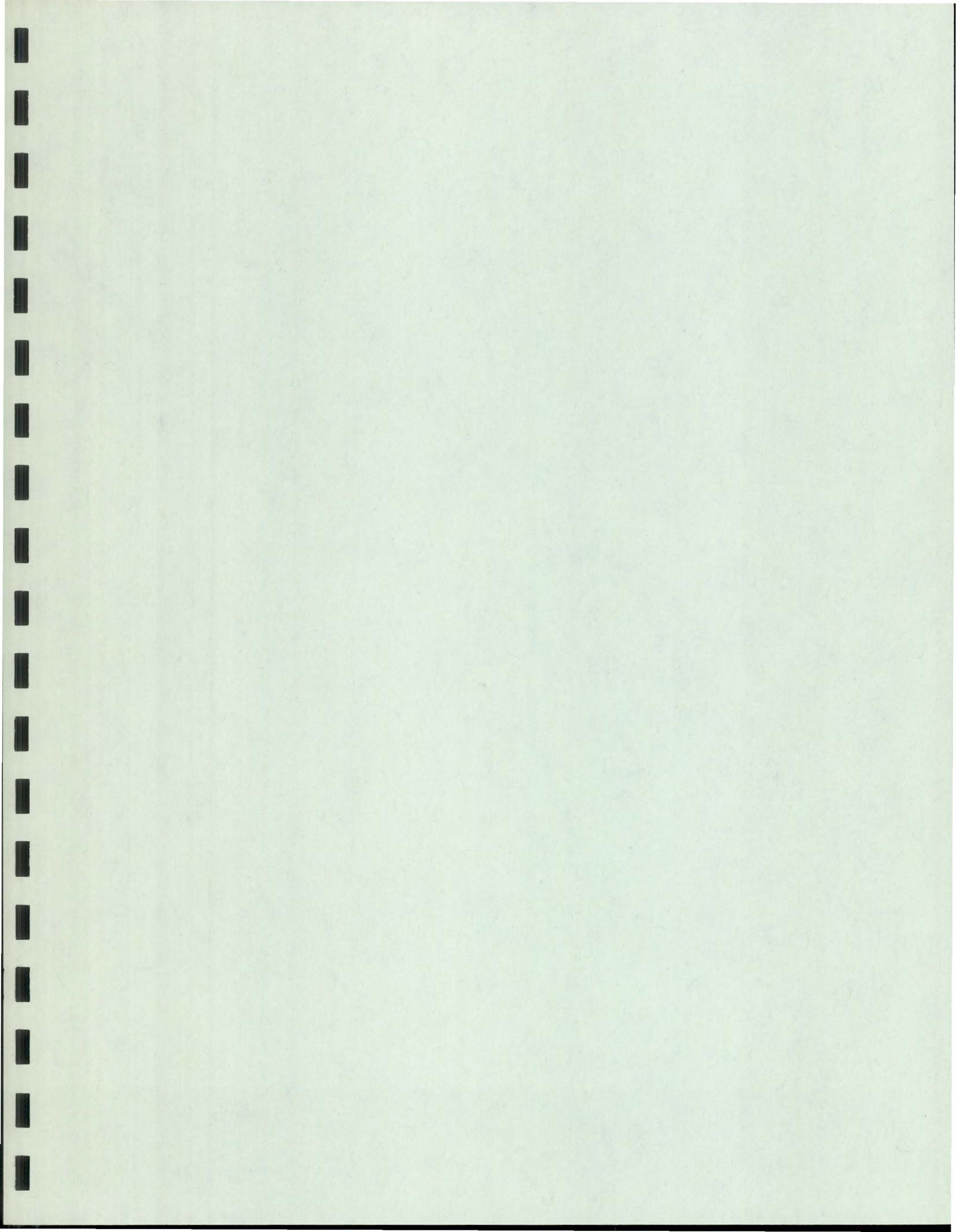
At the request of Wayne Korinek, Manager, Mesa Community

EMCAMDS - 5

Services Department, a presentation was given to the Board about the EMCAMDS. The Board was interested in how the plan would interact with their efforts to provide new parks and recreational opportunities for Mesa residents.

- April 30, 1986 - Orientation for Agencies, Flood Control District Office.

A presentation was given on the Public Involvement Program for the EMCADMS, to representatives of agencies associated or impacted by the study. Details of the program were discussed. All agencies wanted to be kept informed of future activities.



CONCLUSIONS and RECOMMENDATIONS

The following are the major findings from interviews and meetings:

- Parents would welcome retention basins that would provide recreational opportunities for their children. In particular, trailer parks and apartment residents need ball fields, play grounds, and picnic areas. Jefferson Park, the only park in the study area is too far away for many people to utilize and a County park has become inaccessible to nearby children due to the construction of the Central Arizona Project canal.

- Flooded streets are a critical problem for younger children getting to school, especially at street crossings. Parents are willing to have storm water channels in the neighborhood if the crossings are safe.

- Parents are concerned about steep and slick cement sides of channels. Other types of construction would be more acceptable.

- Senior citizens living in areas with heavy runoff are very concerned about getting around when streets are flooded. The streets present a real hazard to them in walking and driving. Most anything that alleviates the flooded conditions appears to be acceptable.

- As mentioned earlier, aesthetic and environmental considerations are very important to people in the Dreamland Villa area where the planned channel would run through the utility easement used for a nature trail.

- Developers wish to be kept apprised of the plan and any changes as early in the planning process as possible to allow for adjustment to their project. The entire study area is being rapidly development.

From the response forms that were filled out at the public meetings and discussions that took place, some general conclusions can be drawn :

Need - There was general agreement that control of storm water runoff was needed and that the plan was a good one.

Appearance - Appearance of flood control structures is important and desert landscaping is preferred, leaving as much land undisturbed as possible.

Recreation - Any recreational activities that can result from flood control structures would make them more appealing with ball fields, walking trails and picnic areas specifically cited.

Safety - There was mixed response on the need for fencing of flood control structures. Most focus was on the ability to get out of a structure if a person or animal once got in it.

Funding - On the whole, there was a willingness expressed to pay for storm water runoff protection although there was no clear indication through what mechanism.

Timing - Many people were anxious to have the plan implemented quickly, particularly those people who had experienced flooding or whose own planning processes were affected by the final EMCADMP.

Recommendations for further public involvement:

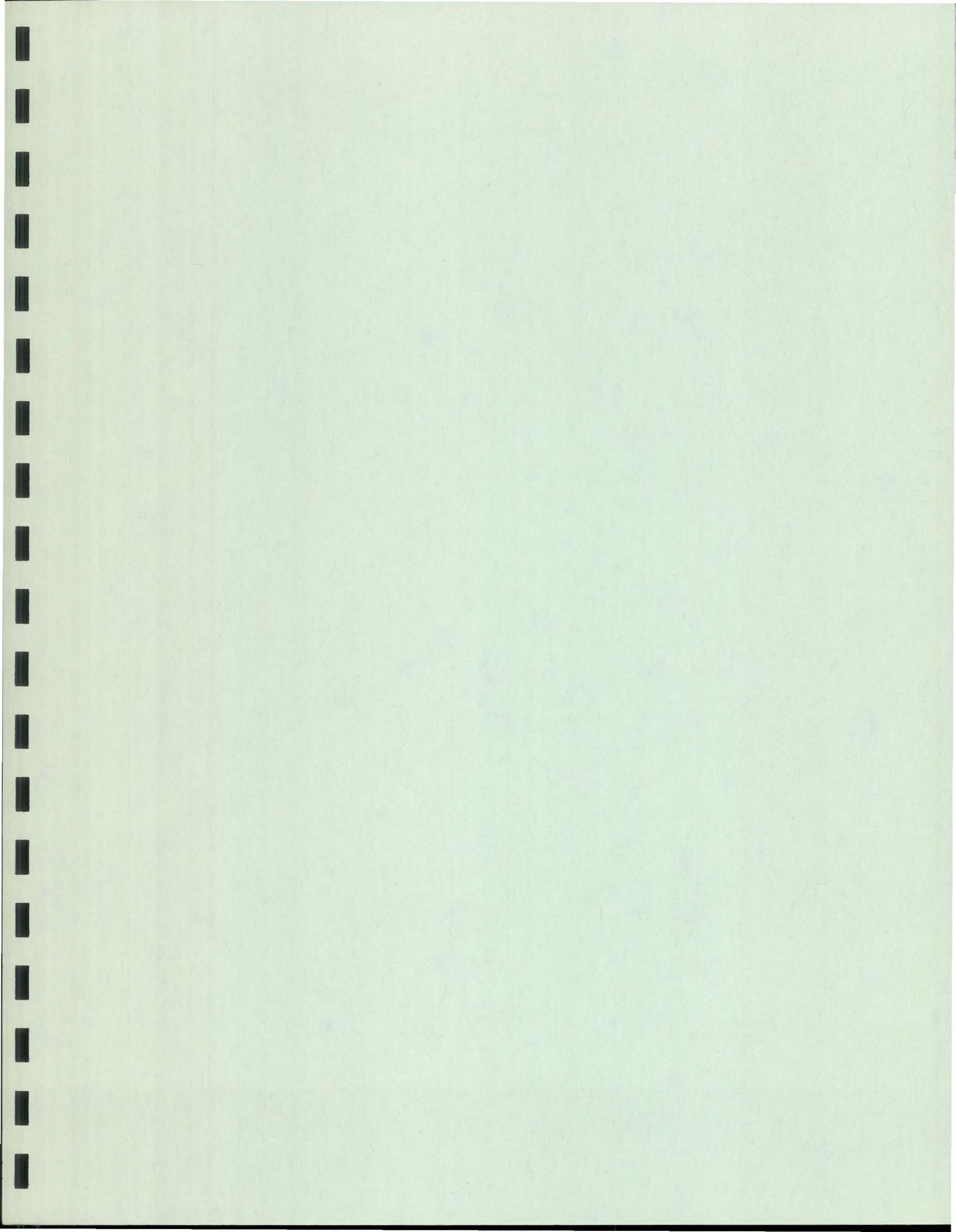
- A presentation on the EMCAMDS should be given to Velda Rose residents.

- An advisory committee of residents from both Dreamland Villa and Velda Rose should be formed to work with FCD to mitigate storm water runoff impacts in the area without destroying the nature trail in the utility easement.

- Since many residents of the above retirement areas leave the state in late spring and will not be aware of the EMCAMDS, it would be advisable to have a meeting in late fall to acquaint them with it and inform them of the above process and any alternatives developed.

- Throughout the planning process and the implementation stages, ongoing communication with the total community is vital. The area will be growing rapidly and there is a great deal of mobility among the residents. At least a periodic "newsletter" to those on the mailing list, expanded as contacts are made, should be undertaken. Regular contact with the news media to keep them abreast of progress will be helpful also. At significant milestones, further public meetings may be necessary.

In addition, close coordination and communication between FCD, City of Mesa, Mesa Parks and Recreation Board, and the Maricopa County Parks Department planning activities is recommended to enhance recreational opportunities afforded by the EMCAMDS.



RILLITO CONSULTING GROUP

316 South Convent Avenue
• (602) 622-1933
Tucson, Arizona 85701

June 13, 1986

Memorandum to: Sue Mutschler and Kebba Buckley
Maricopa County Flood Control District

From : Freda Johnson

SUBJECT : SUMMARY OF RESPONSES FROM COMMENT SHEETS
MAY 16, 1986 DREAMLAND VILLA PUBLIC MEETING

As you requested, I have reviewed the "Dreamland Villa File". Within the file I found 25 comment sheets with six questions, 13 comment sheets with five questions, and three letters for a total of 41. The summary of responses is provided here.

Question #1: Is stormwater drainage needed in the Eastern Maricopa County area? Is flood protection necessary?

Yes: 18 No: 4 No response: 9

Question #2: Good or bad? How do you like the plan?

Yes: 20 No: 18 No response: 3

Question #3: Multiple use? Basins and parks or fenced off?

Multiple use: Yes, 1 No, 5

Basins : Yes, 17 No, 4

Parks : *Yes, 14 No, 4

Fenced off : Yes, 3 No, 6

No response : 11

*two of which said
"and lakes" "and
underground pipes"

Question #4: Desert or green? How should it look?

Desert : Yes, 30 No, 1

Green : Yes, 2 No, 1

No response : 7

How should it look?: "planted native" "cacti" "no golf courses" "beautiful - a real oasis" "low profile" "leave as is" "natural habitat for wildlife" "some green" "water too scarce".

June 13, 1986

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Question #5: Funding options? Are you willing to pay more?

Yes: 16 No: 13 No response: 12

Comments from people responding "yes": "\$4.50 extra annually" "only if absolutely necessary" "within reason" "if located in right area" "just a little" "assess all property owners in E.M. Drainage Area" "depends on how much" "a little" "within reason" "small amount OK".

Comments from people responding "no": "retired and living on fixed income" "no way" "should be by bond issues".

Comments from people with no response (yes or no): "for what" "bond issues wouldn't work" "how about developers paying?".

Question #6: Other comments. Many responses here were lengthy and topics varied. I suggest that you read through this material to determine if any comments need a response from the Flood Control District staff.

As part of my review I chose to take a closer look at responses to Question #2 "Good or bad. How do you like the plan?"

From comment sheets of those responding "no" to Question #2, reasons given were:

Never any problem (6200 E. El Paso)
Cannot see need unless runoff conserved & reused (no address)
Never been flooded (5336 E. Decatur)
Do not like it where you want to put it (no address)
Bad--wrong place (5922 E. Decatur)
Do not like it at all (5905 E. Decatur)
Could be controlled by underground drainage (5711 E. DesMoines)
Leave easement as it is (no address)
No problem after 15 yrs. living here (5210 E. Boise)
Area of easement - lovely park (5841 E. Decatur)
Been in area 18 yrs, no flood damage (5721 E. Decatur)
Not through Dreamland Villa (no address)
Not through the easement (no address)
Bad (no address)
Stay out of power easement (no address)
Bad on Colby easement nature trail (no address)
Use of the easement (5912 E. Decatur)
Eliminates nature trail (5918 E. Colby)

CONCLUSION: 13 of 18 "no" comments related to perceived negative impacts on nature trail and easement environment.

June 13, 1986

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Reasons given by people responding "yes" to Question #2 were:

Can't nature trail be retained with flood control? (no address)
Replant and restore nature trail after project (no address)
Good plan - sooner done the better (6263 E. Ellis)
It's a good plan with minor improvements (3335 West Durango)
Do something soon - worried about flooding (302 N. 58th Place)
Plan should fit in with desert styling (723 N. 61st Place)
We need your help! Utility easement best place for plan (5839 E. Billings)
Proceed as rapidly as possible (5832 E. Boston)
Homes have been flooded - a mess. Easement better (no address)
OK to use easement if another way not found (6060 E. Billings)
Good plan - leave easement as is (no address)
We need flood control - live in area - still get flooded (no address)
Brick walls washed out - control needed (no address)
Something must be done (302 N. 58th Place)
Location under power lines obvious and practical (5955 E. Casper)
Good but basically must be replanned (5345 E. Duncan)
Good plan but people are confused (5217 E. Colby)
Correct situation SE Univ. & Recker (5955 E. Colby)
Will help East Mesa people (260 N. 58th Place)
OK overall but not in our area (5913 E. Decatur)

CONCLUSION: 7 of the 20 responses convey urgency about needed flood control help. None of the reasons or comments are outright negative about the proposed plan.

RECOMMENDATIONS:

1. The Flood Control District should acknowledge reported flooding problems to those who have provided specific complaints.
2. Consideration should be given to temporary emergency assistance to property owners who have clearly experienced damage in the past.
3. Alternatives to using the utility easement area should be developed in response to concerns about loss of the nature trail and associated amenities placed in the area by Boy Scouts and area residents.
4. The Flood Control District should consider forming a small advisory group of concerned Dreamland Villa representatives. It would be desirable to have the neighborhood association select their representatives to this group rather than appointing people.

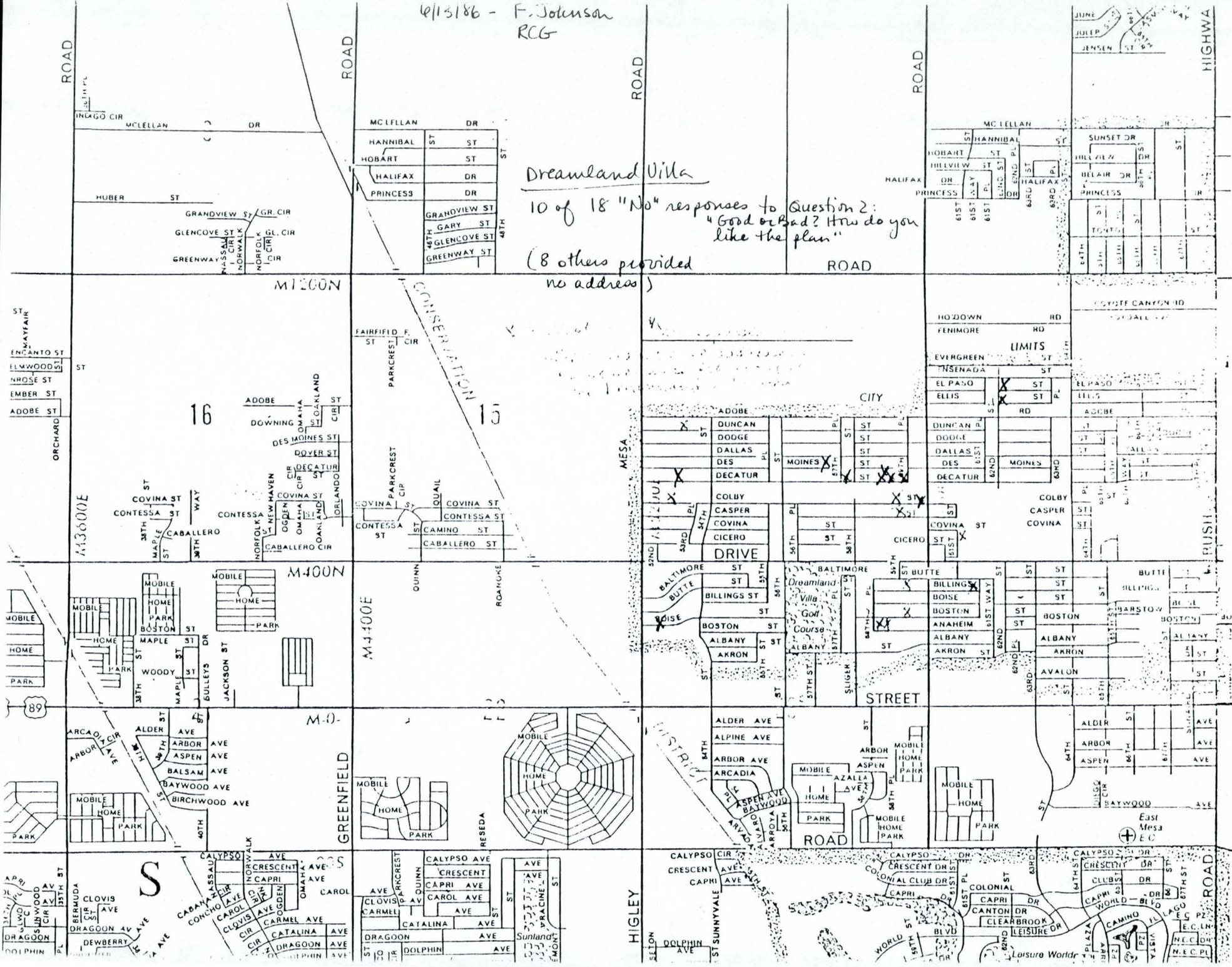
Attached to this memo is a map showing known locations of people who provided addresses on comment sheets. Also, I am attaching notes taken by Sue Lofgren of The Forum at the May 16 Dreamland Villa meeting.

If you have any questions let me know!

4/13/86 - F. Johnson
RCG

Dreamland Villa

10 of 18 "No" responses to Question 2:
"Good or Bad? How do you like the plan"
(8 others provided no address)



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June 13, 1986

ATTACHMENT

Dreamland Villa - May 16, 1986 public meeting
Maricopa County Flood Control District

Notes taken by Sue Lofgren, The Forum

SHEET 1:

- Familiar with COEVERING Nature Trail - Under Utility Corridor, Decatur & Colby. Very anxious not to flood it!!!
- Spook Hill Dam a waste - no water in it?!
- Should not money have been spent in other places?
- Will the channel run from Usery Pass to Higley?
- Same as Ellsworth?
- What are you going to do thru easement?
- What about the commercial facility there?
- How will funding be approached?
- If you go 80' either N or S of power poles you will impact the nature trail - wipe out use by animals.

SHEET 2:

- Velda Rose Home Owners will also want to be part of meeting on nature trail
- From homeowner to fence to middle of easement - won't fit in channel plus Nature Trail.
- No channel in easement ✓
- Desert landscaping ✓
- Difference of opinion re: recreation
- Open basins ✓ - not any fences ✓
- Channels not fenced ✓
- If not channel in easement - what then?
- Trail from 56th ↔ Recker Rd used in winter by other than local residents
- Is there enough money to pay for 100 yr plan?
- Other sources of \$ from other counties?

From the President's Desk

I received a letter the other day that saddened me considerably. My friend and right-hand man, Karlton Tranzow, asked to be relieved of all his duties as of May 1, due to health problems. I respect his wishes with a heavy heart. Karl has been very helpful to me. In fact, I would not have taken the office of president if Karl had not promised to help me. Believe me, he did just that. No one could have done more than Karl. We got along like two peas in a pod.

May 16 at 9 o'clock in the morning, we are having a special meeting to hear about our drainage problems in Dreamland Villa. We will have a question and answer period, followed by coffee and donuts. While we are enjoying the coffee break, we will have a representative from the Family Health Plan, better known as the FHP, to discuss their plan, which sounds like something most of us could use to our advantage.

Maybe by having the special meeting in the morning,



we will have a better turnout. I know several people who like to rest after their lunches.

As more and more winter visitors are leaving, I do hope they will have a safe trip and pleasant summer.

For the people who could not make our last general meeting, I would like to inform you that the membership voted to take in the 27 houses that will face Evergreen with deed restrictions that will protect Dreamland Villa in age restrictions, dues, etc.

"Till next month, God bless you all,

— Bill Contento

DIRECTORS MEETING

The next regular meeting of the Board of Directors will be held at 9:00 a.m. on Tuesday, May 13, 1986, in Room B-1, Read Hall.

SPECIAL MEETING

May 16, 1986, at 9 a.m. Farnsworth Hall concerning flood control of Dreamland Villa. Also a representative from FHP will be there to discuss new health policy.

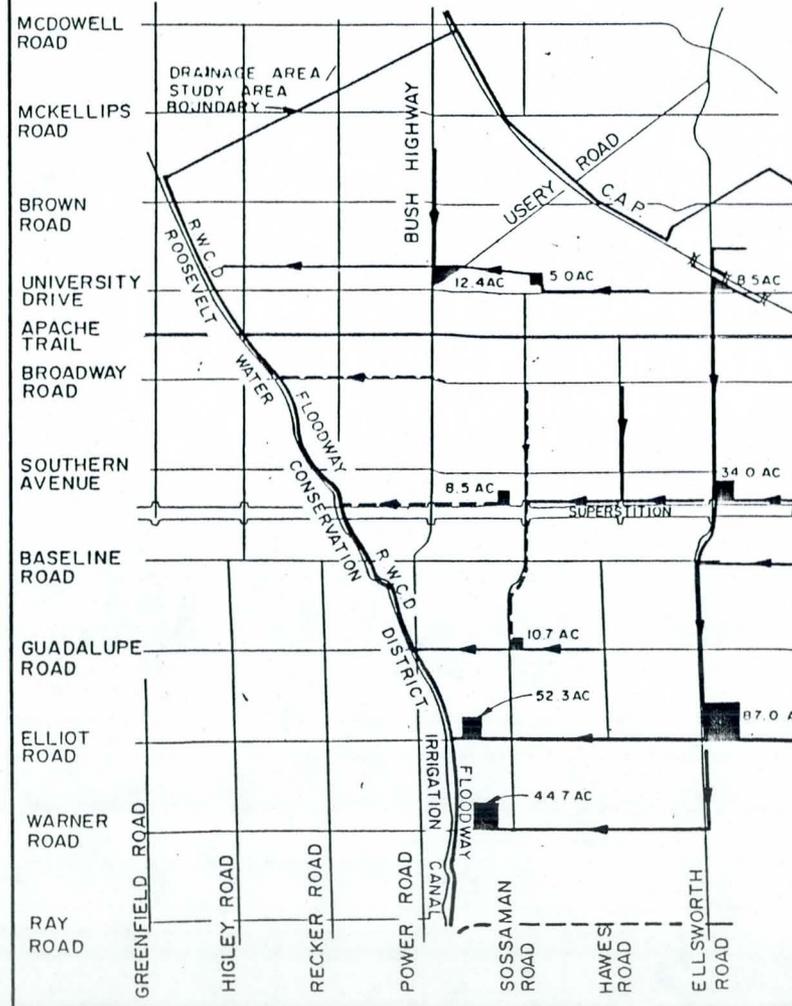
NOTICE

Starting May 19 and until September 2, the office will be open 9 a.m. to 12 noon Monday through Friday. Have a happy, safe summer.

May 1986, Dreamland Villa Citizen

HAS STORMWATER RUNOFF BEEN A PROBLEM? COME HEAR ABOUT PROPOSED SOLUTIONS

FRIDAY, MAY 16, 1986
9:00 to 10:00 A.M.
FARNSWORTH HALL
6159 E. UNIVERSITY



This is your chance to hear and react to a plan for major stormwater drainage proposed by the Flood Control District of Maricopa County, particularly as it relates to the Dreamland Villas area.

Discussion will be on the need for flood control, what structures are planned, what they may look like, and what flood control may cost.

This map is a portion of the study area and shows what is planned around Dreamland Villas.

LEGEND

- OVERCHUTE
- PROPOSED FLOOD-CONTROL CHANNEL
- EXISTING FLOOD-CONTROL CHANNEL
- PROPOSED BASIN (GROSS AREA)

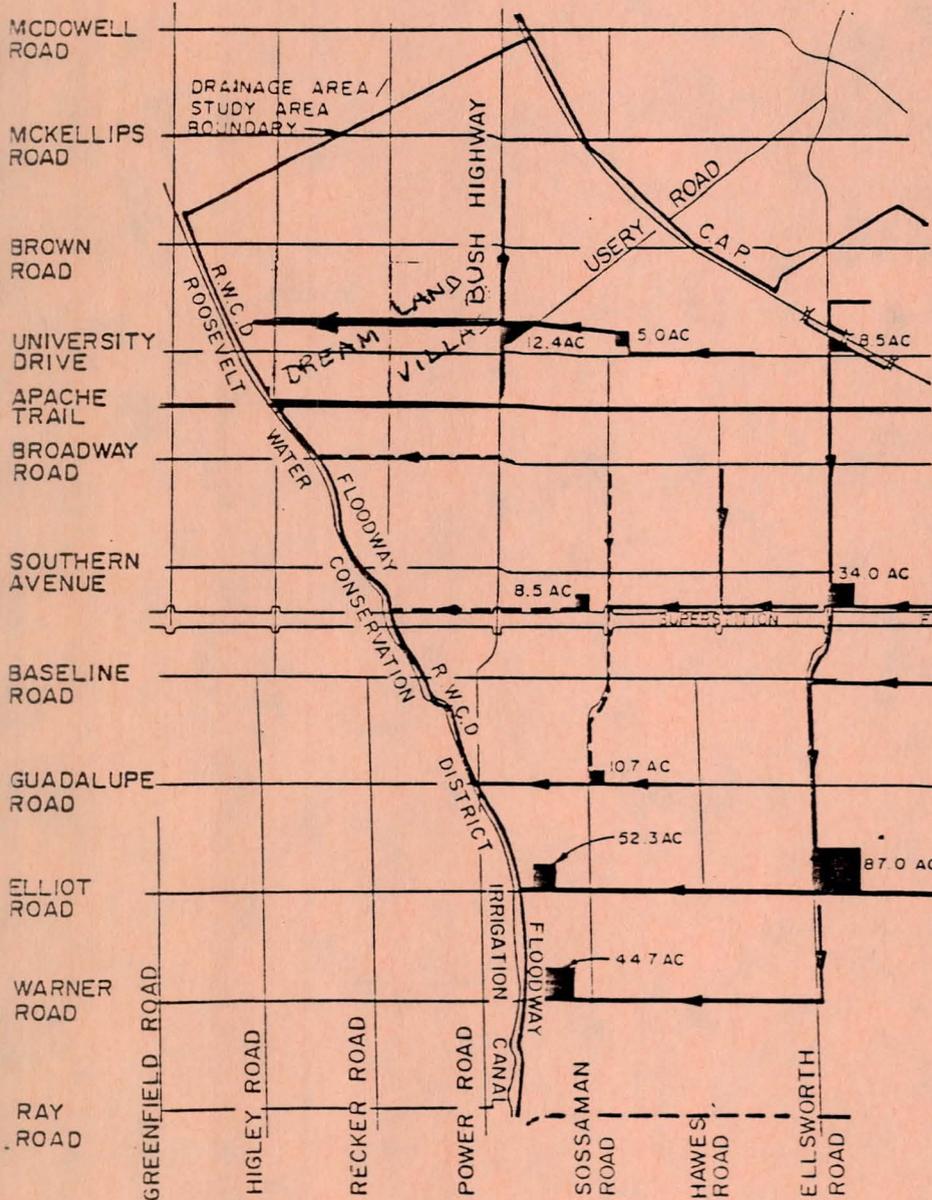
EASTERN MARICOPA COUNTY
MASTER DRAINAGE STUDY
SELECTED ALTERNATIVE
100-YEAR DESIGN CAPACITY

H A S S T O R M W A T E R R U N O F F B E E N A P R O B L E M ?
 C O M E H E A R A B O U T P R O P O S E D S O L U T I O N S

FRIDAY, MAY 16, 1986

9:00 - 10:00 AM

FARNSWORTH HALL



This is your chance to hear and react to a plan for major stormwater drainage proposed by the Flood Control District of Maricopa County --- particularly as it relates to the Dreamland Villas area.

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- PROPOSED FLOOD-CONTROL CHANNEL
- - -→ EXISTING FLOOD-CONTROL CHANNEL
- PROPOSED BASIN (GROSS AREA)

EASTERN MARICOPA COUNTY MASTER DRAINAGE STUDY

SELECTED ALTERNATIVE 100-YEAR DESIGN CAPACITY

316 South Convent Avenue
 • (602) 622-1933
 Tucson, Arizona 85701

RILLITO CONSULTING GROUP

Eastern Maricopa County Master Drainage Plan - Flood Control District of Maricopa County/City of Mesa

REPORT ON PUBLIC MEETINGS JUNE 5 AND 6, 1986

SUMMARY OF PUBLIC OPINION FROM 114 RETURNED RESPONSE FORMS

Total numbers of responses varied from question to question.
 Percentages shown here are based on actual total responses
 to each question.

Question	%Yes	Question	%Yes
1. Stormwater drainage is a problem in eastern Maricopa County.	96%	7. Basins should be developed for recreation in areas where demand for recreation is high.	74%
2. The appearance of channels and basins is important to me.	90%	Recreation features I am likely to use are:	
Regarding appearance, these materials would be acceptable to me:		Walking trails 89%	Ball fields 25%
Regular concrete 100%	Rocky 77%	Picnic areas 60%	Parcourse 18%
Desert 91%	Some green 32%	Biking trails 54%	None 7%
Soil cement 89%	Mostly green 25%	Playgrounds 30%	Other 4%
3. Channels and basins should be landscaped.	74%	8. Basins should be fenced for safety rather than being used for recreation.	43%
4. I would be willing to pay extra within my area to have flood control structures with a better appearance.	56%	9. Channels should be fenced for safety.	68%
5. Basins should be desert landscaped rather than greenscaped.	90%	10. In order to have fewer stormwater drainage problems, I am willing to share in the cost of flood protection.	74%
6. If given the choice, I would prefer to see broad landscaped areas rather than narrow channels, even though my taxes would go up to help pay the costs of buying additional land.	30%	11. In general, the plan for stormwater drainage is a good one and I support it.	92%
		I live in Mesa	23%
		I live in an unincorporated area	77%
		I live in a predominately desert area	66%

RILLITO CONSULTING GROUP

316 South Convent Avenue
• (602) 622-1933
Tucson, Arizona 85701

Date : June 13, 1986

Subject : SUMMARY OF QUESTIONS AND COMMENTS FROM JUNE 5 AND 6 PUBLIC
MEETINGS ON THE EASTERN MARICOPA COUNTY MASTER DRAINAGE PLAN

SALK SCHOOL
7029 E. BROWN ROAD
JUNE 5, 1986

1. Question: Will the design of the channels allow for other uses when they are not flooded?
Response: The fourteen-foot wide service roads on either side could be paved with any surface to allow for hiking or biking.
2. Question: Which plan is most economically feasible for this area considering the costs of concrete channels?
Response: Actual construction costs of the three alternatives are not that different. Right-of-way costs vary more. A wide, natural channel needs the most right-of-way.
3. Question: Do you have tentative approval of the sponsors?
Response: Yes, we have approval of the conceptual plan from the Meas City Council and direction to continue after public input is incorporated into the plan.
4. Question: How do you find out if there is an easement on your property?
Response: Utility easements are shown on most subdivision maps or the County Recorder can locate them if you know your plat number.
5. Question: Is there a maximum tax for the Flood Control District or will certain areas be taxed differently?
Response: The Board of Supervisors sets the tax rate of \$.50/\$100 of assessed property value. No taxing or funding solution has been determined yet. Special zones and assessments could be arranged where particular protective features are needed.
6. Comment: In other areas where tile drains were used, there was not a differential in assessments.

7. Question: Will the State and other agencies help fund portions of the project since there will be ties into a larger flood control system?
Response: The Federal Government is funding major projects like Signal Butte and the RWCD Floodway. The State has several proposed programs for major flooding problems where they will share the costs fifty/fifty, but not on local drainage problems.
8. Comment: The CAP canal has created flooding problems and we are paying to correct them.
Response: The Bureau of Reclamation is aware of this. Some of their extra right-of-way land will be used to locate one entire basin and portions of drainage channels. We will look to them for additional contributions. ADOT is very interested in the ADMP and will cooperate with the drainage plan around the Superstition Freeway.
9. Comment: There should be an effort to look for more state assistance.
10. Question: Will Dreamland Villa be required to obtain flood insurance?
Response: No.
11. Question: Will the City of Meas's drainage plan fit with the FCD's?
Response: As best as can be determined at this point with just a preliminary plan.
12. Question: Are there any water rights for this drainage water when it reaches the Gila River?
Response: All water rights are overappropriated in the state so someone might claim it. Generally, surface water is not claimed unless it is collected and retained. Once water leaves a property, there is no claim.
13. Question: Has the issue of an outlet been resolved with the Gila Indian Reservation?
Response: They have donated 11 miles of right-of-way for channels.
14. Question: Is the City of Mesa planning to extend to the County line?
Response: (unknown)

FURTHER QUESTIONS AND COMMENTS AFTER COMPLETING THE RESPONSE FORMS

15. Question: If the basins are fenced for safety, can't they also be used for recreation?
Response: Fenced basins usually have steeper sides which eliminates other uses.
16. Question: Where fencing is used, will wildlife be considered or is this considered a densely populated area?
Response: Unaware of any requirements for developed areas, but there are in rural areas.

17. Question: Does fencing help prevent dumping or add to the problem?
Response: People will dump anywhere they want to.
18. Question: Why can't the fence be right along the channel so people can use the area on the other side?
Response: Service roads are for the maintenance of the channel and are usually located on either side, depending on the width of the channel. One side could be asphalt for bike trails, the other decomposed granite for jogging or horses.
19. Question: Will the tax levy extend indefinitely or only throughout the construction phase of the project.
Response: As the work is completed, the tax rate will go down. There will be increased maintenance costs but no capital improvement expenditures.
20. Question: What is the tax rate and how much would that be a year?
Response: The tax is \$.50/ \$100 assessed values which is 10% of the cash value of the property. A \$25/year tax on a \$50,000 house.
21. Question: What is the time frame for completing the plan and what happens in the meantime?
Response: If we can start within the next year and a half, the plan could be completed in about eight years, depending on funding.
22. Question: Are you allowing for the building of the Superstition Freeway during this eight year period?
Response: All the right-of-way for the freeway is acquired now. Only a tentative alignment is prepared on the Red Mountain Expressway and the City of Mesa is required to prevent any new development in that alignment. This fall the alignment will be finalized.
23. Question: Will the meeting on the freeway be open to the public?
Response: Yes.
24. Question: How will two service roadways and a channel fit into the utility easement through Dreamland Villa?
Response: After meeting with 350 residents and checking on the easement, we are considering alternatives to the plan.
25. Question: If the Dreamland Villa easement is not used, will the residents still have to pay for the plan?
Response: Yes. Relocation of the channel would not be far and those protected by the project will be asked to pay for it.
26. Question: When will information concerning basin development be available to impacted property owners?
Response: This conceptual plan is not exact at this time. We contact property owners and meet with them individually.

27. Comment: Concerned about a wash on my property.
Response: Please contact the FCD office.
28. Question: What is happening with the small drainage ditches along Broadway?
Response: The County is improving three miles at a time, but I do not know their schedule.
29. Question: Could the land that Mesa is planning to buy for future parks and schools be incorporated with the planned basins?
Response: That would be our intent. The FCD can only maintain a recreation area so the City of Mesa will have to pay for any development and that land will have to be annexed to the city.
30. Question: Any consideration to groundwater recharge with runoff?
Response: It has been looked at. The detention basins aid percolation but runoff is not considered a reliable source.
31. Comment: The Dreamland Villa Nature Trail had enhanced property values. Will the proposed channel change property values? It might create a flood problem where there is none at the present.
32. Question: Since the Dreamland Villa easement area has septic tanks, will the concrete channel cause problems?
Response: If the channel were unlined, it could create a problem.
33. Question: Do developers who build in wash areas contact the FCD first?
Response: Plans are submitted first to the appropriate jurisdiction, Mesa or the County, and we then review the plans.
34. Comment: Concerned with a development that now has reduced the size of the natural wash by filling it in.
Response: Please contact the FCD with this information.

STEVENSON SCHOOL
638 SOUTH 96th STREET
JUNE 6, 1986

1. Question: There is no mention of cooperation with ADOT and the major freeways planned for this area.
Response: ADOT is not participating in any cost-sharing but it is reviewing the plans since freeways influence the drainage studies.
2. Question: Who do I contact about building in a drainageway that might affect my property?
Response: Make a "drainage complaint" by calling 262-1501 if you are in the unincorporated area or 834-2512, the City of Mesa's Engineering Division. There may not be a legal recourse, but you can negotiate using the drainage ordinance.
3. Question: How can vehicle use of the concrete channel be controlled?
Response: Access can be controlled by the City of Mesa or the County Highway Department.

4. Comment: The elevated sections of Superstition Freeway could act as a dam causing even greater flooding problems.
Response: The freeway does bisect the project area. It may be possible to sink sections of the roadway to get drainage across it. We are working closely with the highway planners.
5. Comment: After the County paved the streets seven years ago, there has been flooding through my business. There is nothing in the plan that addresses nuisance damage problems. Better gutters may help my problem.
Response: Contact the Maricopa County Highway Department, 233-8600. The plan cannot address all small scale problems. Developers will be required to plan for those details.
6. Question: Who is going to maintain the CAP canal overshoots?
Response: The U.S. Bureau of Reclamation during construction. Call Lowell Heaton, 870-2495. Once construction is completed, the CAWCD will be responsible for maintenance.
7. Question: How large is the basin located near Ellsworth and Elliot roads that is shown on Alternative #4? What size are the channels?
Response: Eighty-seven acres. Land can be more easily obtained in this area, and the water flow will be directed away from developed areas. Channel size will vary from widths of 40-50 ft to 70-80 ft including two 14 ft maintenance roads on each side.
8. Question: Who maintains the channel crossing my property?
Response: The property owner.

DISCUSSION AFTER HANDING OUT THE RESPONSE FORM.

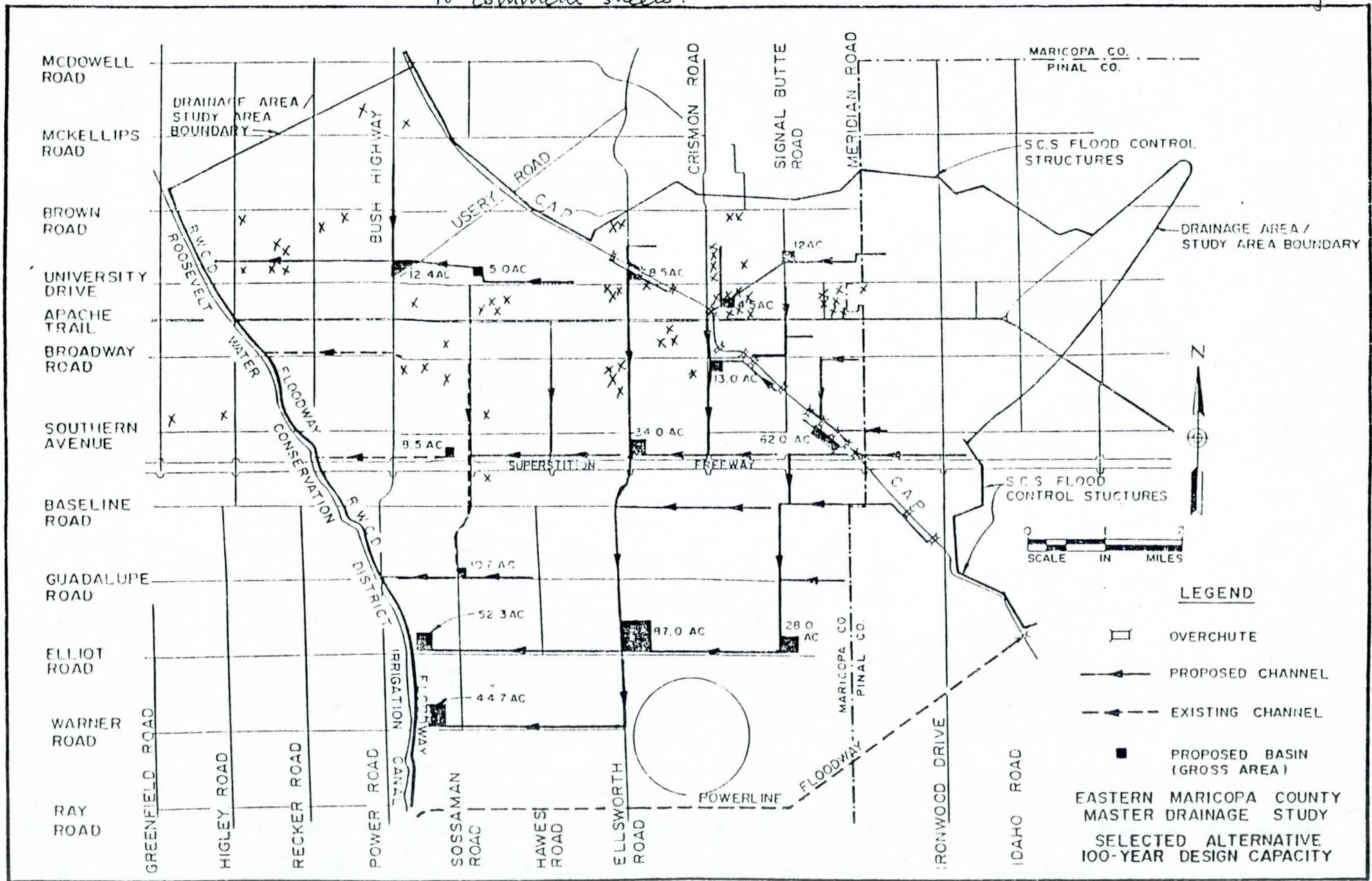
9. Question: Which kind of channel treatment is the most durable?
Response: Regular cement is the most durable, then soil cement. Rock treatment with desert landscaping is the least durable.
10. Question: Will the basins breed mosquitos?
Response: Any waterstanding for 36 hours can breed them, so it is required that the basins have drains. The County Health Department can spray problem areas.
11. Question: Will you define how much "extra" would be required to improve the appearance of flood control structures?
Response: We cannot say at this stage. You could indicate a level you would not want to see exceeded. Now taxes on an \$80,000 house generate \$40/year in flood control tax. There may have to be local improvement districts for special situations.
12. Question: Can you give the costs for different channel treatments?
Response: Concrete is the most expensive but uses less land. Soil cement looks better. Riprap rock treatment and desert landscaping require more land.

13. Comment: Soil cement does not remain in place and has to be replaced.
Response: If well designed, it will hold up as it did in the Tucson floods. The composition is 10-13% actual cement.
14. Comment: Soil cement used at airfields has held up very well.
15. Question: Will the major flood control structures already built be able to handle extra flows as the area develops?
Response: This new plan will reduce the amount of water arriving at the RWCD Floodway at one time.
16. Question: Is there any interim plan to resolve flooding problems until this plan is implemented?
Response: Flow diversions will be worked out so the situation will not be any worse. South of the CAP canal is the biggest challenge. Above the canal, some right-of-way can be adjusted and temporary basins can be built with outlets to the RWCD Floodway.
17. Question: What can be done to keep the Superstition Country Sub-division from being isolated by heavy rains?
Response: The plan should help cut-off flow above the area.
18. Comment: Debris filled channels are causing flooding.
Response: Please contact the County Health Department.
19. Comment: Mobile home parks on higher ground are causing flooding on Pueblo Avenue.
Response: The Maricopa FCD should be contacted about this.
20. Question: How can one get specific information on the location of the channels?
Response: This is a conceptual plan. After adoption of the plan we will work with property owners individually once channel locations have been determined.
21. Question: Will the proposed channels be located along roadways?
Response: Most east-west channels will be on the north side of the roadway and north-south channels on the east side in an effort to prevent sheet flooding across the road.
22. Question: What about problems that might originate in Pinal County?
Response: We are coordinating planning with Pinal County. They will not increase any flow into the Maricopa FCD. The FCD has no plans to expand into Pinal County.
23. Question: Is there a proposed date for adoption of the plan?
Response: We hope for adoption in September or October, 1986.

24. Question: Could individuals be allowed to remove accumulated sediment from the channels to use as fill?
Response: It would depend on permission of the owner of the property. We have no authority to spend tax money cleaning channels on private property. A revised ordinance might require property owners to keep the channels clear. The County could charge the owners to remove debris.
25. Question: Who do you contact to clear a channel?
Response: Maricopa County Highway Department, 233-8600.
26. Question: Can the basins be used to recharge the aquifer?
Response: No, because the basins would have to be deeper and there would be standing water. The City is studying recharge with treated waste water, which requires expensive injection wells.
27. Question: Can a wide channel be built in the Salt River between Mesa and Tempe?
Response: That may depend on the Rio Salado project which will be subject to a referendum in 1987.
28. Question: What is happening with the ditch to be built up to 84th and Coralbell streets?
Response: I am not sure.
29. Question: Is the basin near Superstition Country drained by a dry well into the groundwater table?
Response: Yes. The water is injected into the ground where there is no outlet.
30. Question: Could there be an exchange of services with developers as in Chandler where the developers maintain the basins?
Response: Yes.
31. Question: When the second unit of our subdivision begins development, will they have to provide drainage for the unit that is already built.
Response: They cannot interfere with water flow to someone else's detriment. They may have to retain water on the site.
32. Comment: Swimming pool drainage into channels can cause mosquito problems.

Please mark (X) the location of your property.
 Locations as marked on maps attached
 to comment sheets.

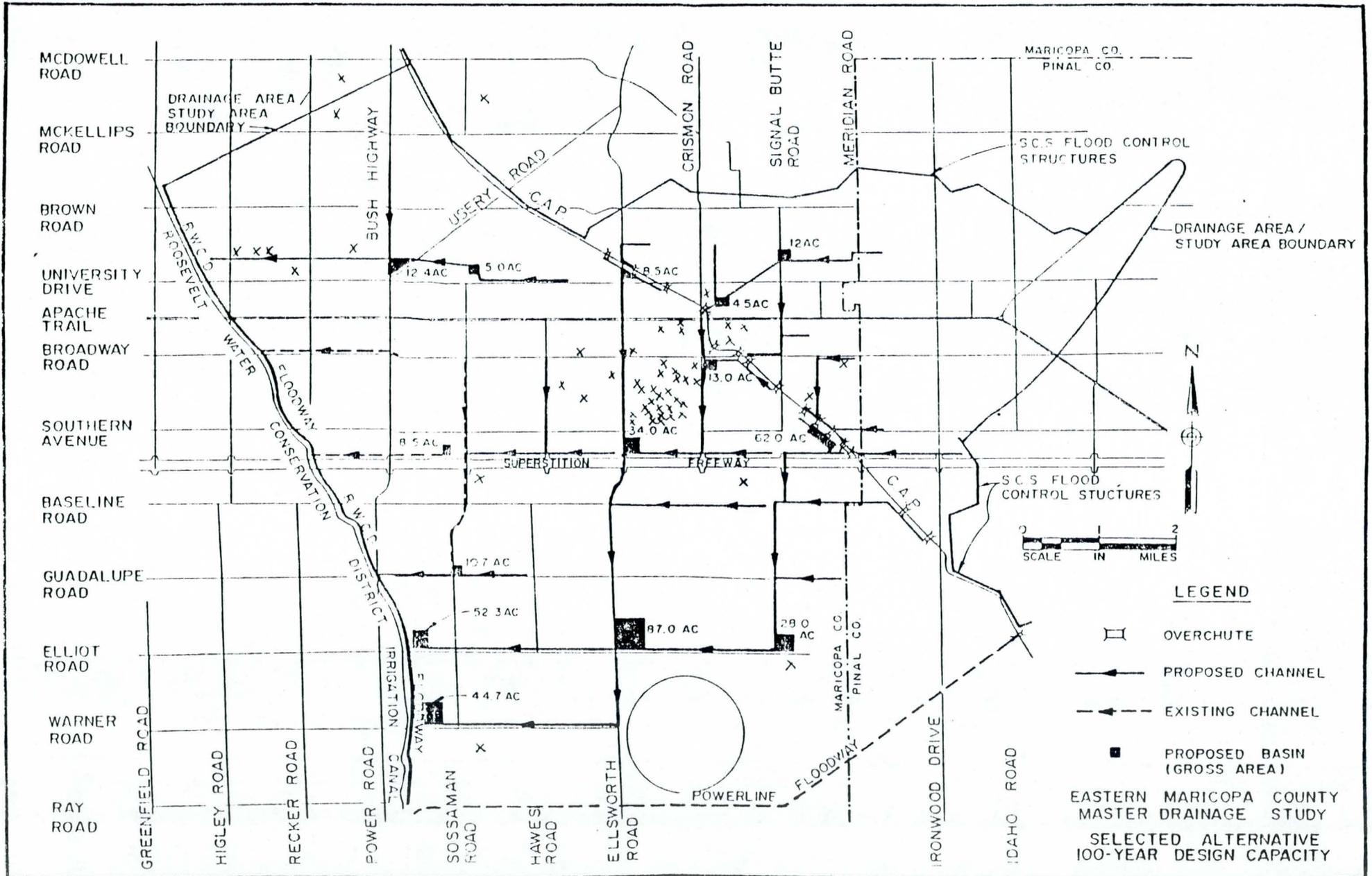
6/5/86
 Salk School
 Flood Control Meeting



Please mark (X) the location of your property.

June 6th meeting
Stoughton School

Locations derived from Response Forums



PREPARED BY: A N WEST, INC.

RILLITO CONSULTING GROUP

316 South Convent Avenue
• (602) 622-1933
Tucson, Arizona 85701

June 16, 1986

Memorandum to: Sue Mutschler and Kebba Buckley
Maricopa County Flood Control District

From : Freda Johnson

SUBJECT : CONCLUSIONS BASED ON PUBLIC OPINION AT JUNE 5 AND 6
PUBLIC MEETINGS, EASTERN MARICOPA COUNTY MASTER
DRAINAGE PLAN

Attached please find information summarizing public comment and opinion about flood control issues and the Eastern Maricopa County Master Drainage Plan. Specifically, the attachments are:

- Summary of Public Opinion from response forms. This could be sent to meeting attendees as a follow-up report.
- Tabulation of responses from all meeting attendees.
- Tabulation of responses (% only) from Mesa residents.
- Memorandum: meeting records summarizing questions, comments and staff responses.
- Response sheets.

Written comments on the 114 returned response forms have not been listed separately. I think it would be good for you to read through the forms yourselves to get a complete sense of what people wrote.

At the meetings, staff posted a list of four topics about which people were asked to comment. Public opinion as registered on the response forms has been evaluated to draw conclusions about the four topics: recreation, appearance, safety and funding.

1. Recreation.

Two questions on the response form asked about recreation in relation flood control basins. 74% strongly agreed or agreed with the statement "basins should be developed for recreation in areas where demand for recreation is high". Walking trails and picnic areas are features respondents are most likely to use. Only 43% agreed that basins should be fenced for safety rather than used for recreation. Generally, one can conclude that support is strong for recreation facilities in association with flood control basins.

2. Appearance.

Five questions addressed the importance of appearance to meeting attendees. Three of these questions received considerable support (74-90% agreement, Questions 2,3, and 5). It should be noted, however, that the fourth and sixth questions tied "willingness to pay" with a better appearance (Q-4) and with a preference for broad, landscaped areas (Q-6). The response to these in terms of agreement was decidedly lower at 56% and 30% respectively. Regarding type of landscaping, most people prefer a desert appearance with little or no greenscaping. Finally, concerning appearance of basin and channel materials, the greatest support in terms of acceptability was for concrete, desert, soil cement and rocky materials. Overall, people said that appearance of flood control structures is important and desert landscaping is preferable to greenscaped areas.

3. Safety.

Fencing of basins and channels for safety reasons received mixed responses. 68% agreed that channels should be fenced for safety and 43% said basins should be fenced rather than used for recreation. The difference in response may be attributed to a perception that channels can be deep with steep sides while basins are seen as wider, flatter and consequently less hazardous. Another aspect may be that people want recreation opportunities expanded.

4. Funding.

Two questions (Q-4, Q-10) were asked to assess "willingness to pay". Question 4 specified willingness to pay within my area (emphasis added) to have flood control structures with a better appearance; 56% agreed with this. Question 10 was a more general one--willingness to share in the cost of flood protection; 74% agreed with this. The relatively greater agreement registered in response to Question 10 might be due to greater awareness of flood control problems by those attending the meetings.

Overall, public response at the meetings was positive--96% of responses agree that stormwater drainage is a problem in eastern Maricopa County and 92% of responses support the plan as a good one. If the objective of the meetings was to gauge public acceptability about the proposed plan, clearly, public support is strong. With the exception of a proposed channel along the utility easement in Dreamland Villa (see June 13 summary of May 16 meeting) the master drainage plan appears to be publicly acceptable.