

RICHARD E. LEONARD
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**Albuquerque
Metropolitan
Arroyo
Flood
Control
Authority**

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TELEPHONE 984-2215

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N3

RECEIVED

MAR 18 1981

CITY ENGINEER

March 16, 1981

MEMO FOR: Environmental Planning Commission
FROM: Rich Leonard, AMAFCA **REL**
SUBJECT: South Domingo Baca Arroyo
AX-81-8, Z-81-38 (Agenda Item 7, March 19, 1981)
AX-80-17, Z-1534-1 (Agenda Item 13, March 19, 1981)

AMAFCA does not object to concrete lining the South Domingo
Baca Arroyo. This is clearly stated in Resolution 1980-3
(attached).

lc
cf: R. Heller
C. Easterling ✓
B. Conegliano
G. Mares
J. Lucero
C. Johnson
J. Salazar
W. Ehlert



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 11, 1980

Mr. Ted Hogsett
Boyle Engineering Corporation
3939 San Pedro N.E., Suite D
Albuquerque, N.M. 87110

Re: Amole del Norte Storm Diversion Facility

Dear Mr. Hogsett:

We have reviewed and asked others to review your submission of the preliminary design report transmitted January 22, 1980. This letter is to transmit comments collected and to direct revision of the submittal.

Attached are the following written comments for your review from:

- A) Fred Denney and Associates, Inc. with a map attachment.
- B) Joseph Martin, Transportation Dept.
- C) William Leithem - Engineering Division, Design Section.
- D) Richard Leonard, AMAFCA - Please also contact Dan Sabo of that organization for other specific notes and comments.

Our principle concern is the apparent inability to introduce surface flows from the west and the imbalance of earthwork. It appears that several substantial benefits will accrue by lowering the channel bottom at the southern end. Therefore, for Alternate "A" reconsider the grade proposed and attempt an earthwork balance with adequate shrinkage factor. This should reduce estimated costs. Other comments are:

- 1) Straight grade the Bridge Blvd. pipeline unless substantial justification for deviation exists. On Bridge Blvd., use soffit joins when up sizing pipe, also pipe size should decrease uniformly upstream, not as shown on your first submittal. This can be hydraulically justified.

K11-06a

RSH	_____
HRO	_____
CDS	_____
DES	_____
INSP	_____
HYDRO	_____
ADM	_____
SUR	_____
COUN	_____
SEC	_____
FILE	_____
RETURN	_____

MUNICIPAL DEVELOPMENT DEPARTMENT

Richard S. Heller, P.E., City Engineer

ENGINEERING DIVISION

Telephone (505) 766-7441

2) Show hydrology, water surface profiles, channel bottom widths and design flows.

3) Consider an open channel westerly along the south lines of properties fronting the south side of Bridge Blvd.

4) Provide an estimate for a box alternate for the Bridge Blvd. pipe system.

5) Are future system extensions up Sage or up Arenal provided for?

6) Would box culverts at the principle road crossings be less expensive than bridges? Could one crossing structure be deferred from the initial construction?

We have also discussed project approval and intend, after your consideration and revision of the report and my acceptance, to ask revision of the AMAFCA Western Drainage Management plan to provide for construction of the concrete alternate. To this end we are asking that AMAFCA prepare for a Public Hearing in April, 1980, if that agency deems a hearing necessary.

Yours very truly,



Richard S. Heller
City Engineer

HRH
HRO/RSB/Es

cc - Richard Leonard

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE

February 10, 1981

REF. NO. K11-D40-6

~~also~~ K11-D6

K11-D1

TO: Celia Tomlinson, Design Engineer

FROM: Bruno Conegliano, Asst. Hydrology Engineer *BC*

SUBJECT: DRAINAGE RELIEF FOR BATAAN BLVD.

For your information I am enclosing the description of the Apodaca Tract which is being purchased by the City for the Amole del Norte Project. According to the indication received from Mrs. Rosie Valdez from Property Management, the entire Northeast portion of the W.S. Apodaca Tract will be purchased and not only the Parcels A-3-7-E and A-3-6. This land should allow the City to provide a temporary retention basin to allow the discharge of a storm sewer collecting the runoff from Bataan Blvd.

BC/tsl

Enclosure

*F. Plem-
cc RSH*

