



CITY OF SACRAMENTO

CITY MANAGER'S OFFICE
RECEIVED
JUL 21 1981

DEPARTMENT OF ENGINEERING
915 I STREET SACRAMENTO, CALIFORNIA 95814
CITY HALL ROOM 207 TELEPHONE (916) 449-5281

July 14, 1981

R. H. PARKER
CITY ENGINEER
J. F. VAROZZA
ASSISTANT CITY ENGINEER

City Council
Sacramento, California

Honorable Members in Session:

Subject: Final Environmental Impact Report and Project Recommendations
for Magpie Creek Drainage Study

SUMMARY:

The final EIR for the Magpie Creek Drainage Study consists of the Draft EIR and comments and responses. City Engineering recommends that the City Council approve the final EIR and adopt Alternative No. 4 for providing adequate drainage and flood protection in the Magpie Creek drainage basin for existing and future development.

BACKGROUND INFORMATION:


Attached is a report to the City Planning Commission which summarizes the subject project and recommendations. On May 21, 1981 the Planning Commission made the following determination and recommendations:

1. Determined the subject EIR to be adequate in assessing drainage improvement impacts;
2. Recommended Alternative 4, straightened alignment, earth lined, with concrete, low flow channel, as the preferred improvement alternative.

RECOMMENDATION:

The City Engineer recommends that the City Council approve the Environmental Impact Report and recommend the adoption of Alternative No. 4 by passage of the attached Resolution.

Respectfully submitted,


R. H. PARKER
City Engineer

Recommendation Approved:


Walter J. Slife, City Manager

F/Ref.
C.C. 1861

July 28, 1981

RESOLUTION NO. 81-555

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

July 28, 1981

RESOLUTION APPROVING ENVIRONMENTAL
IMPACT REPORT AND APPROVING MAGPIE
CREEK DRAINAGE STUDY

WHEREAS, the City of Sacramento conducted a drainage study for Magpie Creek in order to correct existing drainage problems and provide adequate drainage facilities for the planned growth in the area.

WHEREAS, the study is consistent with the General Plan for Sacramento which allows for future growth in the area.

WHEREAS, the draft Environmental Impact Report for Magpie Creek Drainage Study has been completed, a Notice of Completion has been filed, and distribution of the Report has been made, all as required by law; and

WHEREAS, the City Council is in receipt of recommendations on the Magpie Creek Drainage Study Final Environmental Impact Report by the City Planning Commission.

WHEREAS, the Final Environmental Impact Report for the above project has been prepared in accordance with law; and

WHEREAS, pursuant to Articles 5 and 6 of Chapter 3 of Title 7 of the Government Code, the City Council duly noticed and held a public hearing on Magpie Creek Drainage Study Final Environmental Impact Report on July 28, 1981. and has considered and deliberated the oral testimony and documentary evidence.

APPROVED
BY THE CITY COUNCIL

JUL 28 1981

OFFICE OF THE
CITY CLERK

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

AS FOLLOWS:

1. That the EIR is adequate and complete and has been prepared in compliance with the California Environmental Quality Act, the State EIR Guidelines and that the decision-making body has considered the information contained in the EIR.

2. That the project will not have a significant effect on the environment.

3. That Alternate 4 of the above project is hereby approved for the purpose of correcting existing drainage problems and providing a plan for designing adequate drainage facilities for the planned growth in the area.

4. That the Environmental Coordinator is authorized to file, with the County Clerk of Sacramento County, a Notice of Determination as required by law.

MAYOR

ATTEST:

CITY CLERK



CITY OF SACRAMENTO

CITY PLANNING DEPARTMENT

725 "J" STREET

SACRAMENTO, CALIF. 95814
TELEPHONE (916) 449-5604

MARTY VAN DUYN
PLANNING DIRECTOR

May 26, 1981

RECEIVED
MAY 26 1981

R. H. Parker
City Engineer
Department of Engineering
915 "I" Street, Room 209
Sacramento, CA 95814

CITY OF SACRAMENTO
ENGINEER'S OFFICE

Subject: Final EIR and Project Recommendation for Magpie Creek
Drainage Study (M-463)

Dear Mr. Parker:

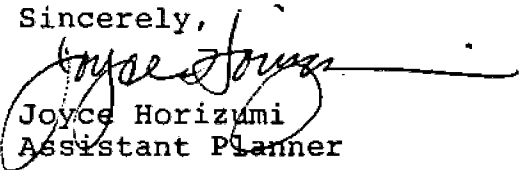
The Sacramento City Planning Commission, on May 21, 1981, approved the following staff recommendations on the subject document to be forwarded to the City Council.

The City Council should be advised that the Planning Commission:

1. Has determined the subject EIR to be adequate in assessing drainage improvement impacts;
2. Recommends Alternative 4, straightened alignment, earth lined, with concrete, low flow channel, as the preferred improvement alternative.

Please call me if any clarification is required on this matter.

Sincerely,


Joyce Horizumi
Assistant Planner

JH:bw

City Planning Commission
Sacramento, California

Members in Session:

Subject: Final EIR and Project Recommendation for Magpie Creek
Drainage Improvements (M-463)

SUMMARY: The subject EIR evaluates four alternatives to correct existing drainage problems and provide adequate drainage facilities for the planned growth in the Magpie Creek drainage basin. The Planning staff finds the EIR adequate and supports the Engineering staff in recommending Alternative 4, straightened alignment, earth lined with low flow concrete channel, as the most feasible improvement. The Planning Commission is acting as an advisory body to the City Council in determining the adequacy of the EIR and making a project recommendation. The staff recommends that the Commission approve this report for transmittal to the City Council.

BACKGROUND INFORMATION: The Planning Commission, on February 12, 1981, held a public hearing to receive public comments on the draft EIR for the City Engineer. Several written comments were submitted during the review period, however, there was no public testimony, nor were any significant issues raised at the hearing. The Engineering Department indicated their preference for Alternative 4.

The City of Sacramento conducted a drainage study for the 1000 acre Magpie Creek drainage basin in 1980 which evaluated existing and future drainage conditions and proposed drainage improvement alternatives to accommodate the 100-year flood after full development occurs in the area. Exhibit A shows the four improvement alternatives and exhibit B is the cross section of the recommended Alternative 4. Each of the four alternatives is designed to provide flooding protection in the presently developed areas of the lower drainage basin. However, only Alternatives 3, 4, and 5 will provide flooding protection upstream of Bell Avenue.

The Engineering staff favors Alternative 4 for the following reasons:

- a) The combined capital expenditure and operation, maintenance, and repair costs are lower than the other two full improvement alternatives.
- b) The low flow concrete channel can be used for the maintenance road, thereby eliminating the need for maintenance roads adjacent to the channel and lessening required right-of-way.
- c) Satisfys mosquito abatement measures by eliminating ponded water and channel-bottom vegetation without the expense of a fully lined concrete channel.

The Planning staff supports Engineering's choice of Alternate 4 because it appears to be the most cost-effective and efficient means of providing adequate drainage in the study area. This alternative is compatible with the General Plan and the North Norwood and Del Paso Heights Community Plans which designate this area primarily for residential use. The new North Sacramento Community Plan will not foreseeably change the residential land use designation. Drainage improvements are necessary to make the Magpie Creek drainage basin developable.

One major point of clarification is required on the General Plan statement that Magpie Creek is one of "those near-surface aquifer recharge zones that is still existing and should remain as essentially unimproved open space." The Magpie Creek drainage basin is, in fact, underlain with hardpan material thus permeability is low and ground water recharge is insignificant. The natural aesthetic value of the creek is negligible. The flow in the creek is intermittent, forming swales across open fields. The only stand of vegetation occurs at the Rio Linda bridge crossing. The use of project Alternative 4 will allow vegetation to regenerate on the sides of the channel while the flow on the bottom is not disrupted. Therefore efficient drainage is accomplished without imposing the sterile look of an all concrete channel. In addition, the earth lined sides may allow for some filtration of water during heavy rains and high flows so that the possibility of groundwater recharge is not totally eliminated.

The improvement of Magpie Creek drainage and other water and sewer improvements currently taking place in this vicinity will allow for development of the area as planned in the general and community plans.

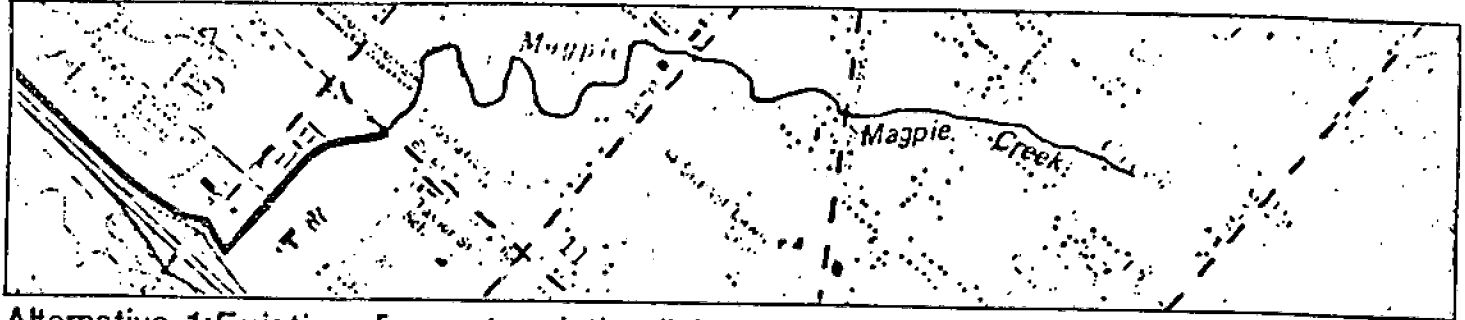
RECOMMENDATION: The staff recommends that the Planning Commission approve this report for transmittal to the City Council, finding the EIR adequate and recommending Alternative 4 as the preferred improvement project.

Respectfully submitted,

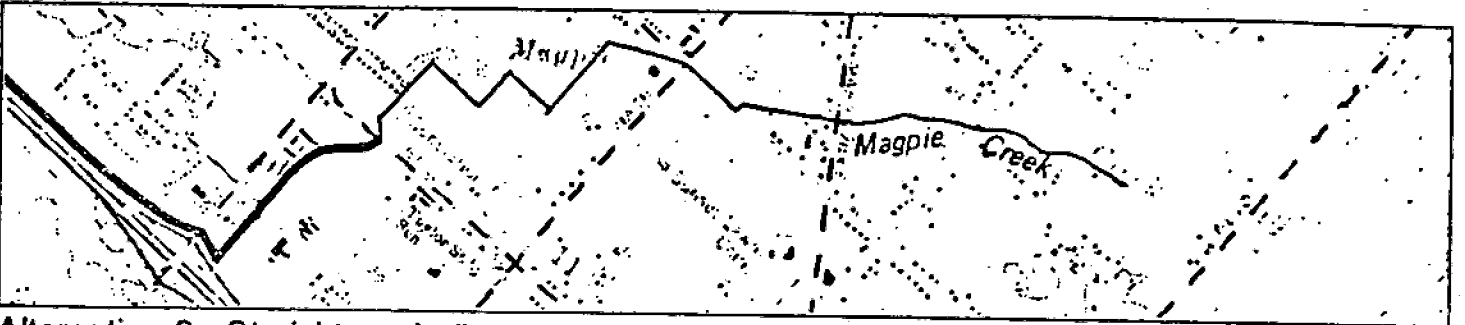


Clif Carstens,
Senior Planner

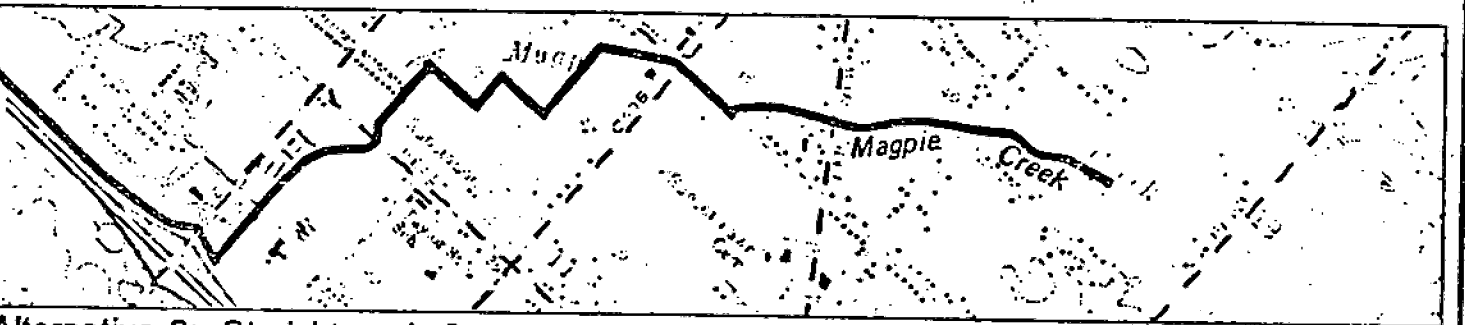
CC:JH:sg



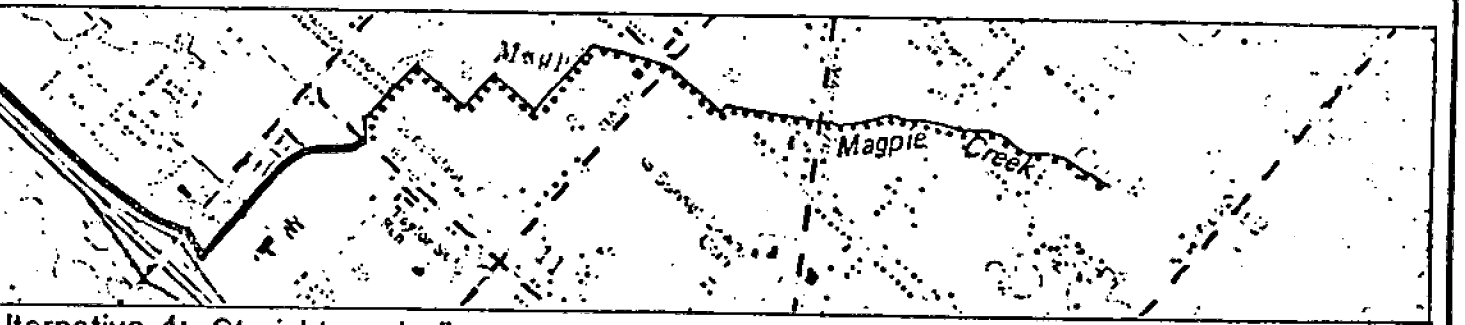
Alternative 1: Existing alignment, existing lining



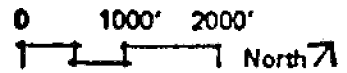
Alternative 2: Straightened alignment, earth lined



Alternative 3: Straightened alignment, concrete lined



Alternative 4: Straightened alignment, earth lined with low flow concrete channel



- Earth Lined
- - - Concrete Lined
- Earth lined with low flow concrete

FIGURE 3
IMPROVEMENT ALTERNATIVES

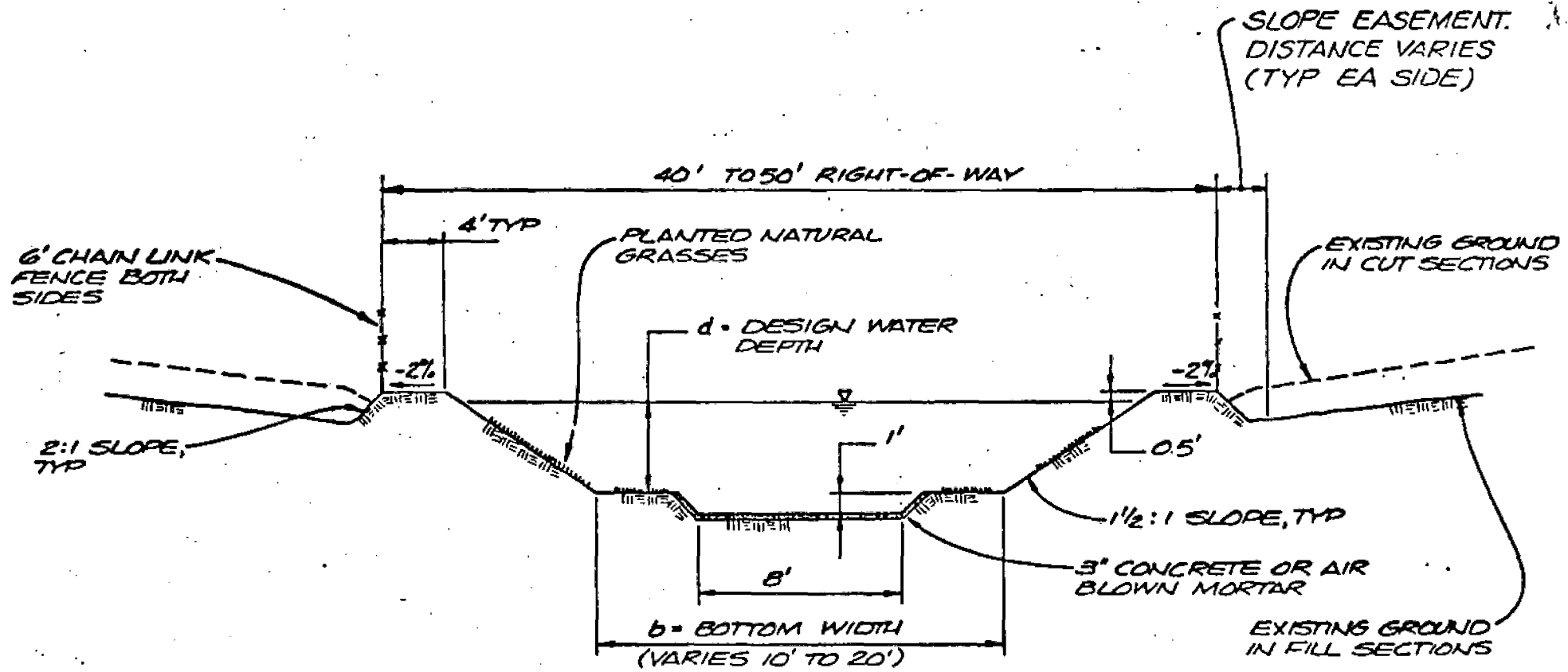


FIGURE 6
 ALTERNATIVE 4
 EARTH CHANNEL
 WITH CONCRETE LOW FLOW

EXHIBIT B