MINUTE ITEM

This Calendar Item No. 04 was approved as Minute Item No. 4 by the State Lands Commission by a vote of 3 to 0 at its 4-7-81 meeting.

CALENDAR ITEM

3/81
W 22425
Maricle
PRC 5972

C 04

GENERAL PERMIT - PUBLIC AGENCY USE

APPLICANT: Monterey Regional Water Pollution Control Agency
P. O. Box 190
Monterey, California 93940
Attn: Mr. Harold Bodreau, Manager

AREA, TYPE LAND AND LOCATION:
0.34-acre, tide and submerged land, Salinas River, near Blanco Road, Monterey County.

LAND USE: 36-inch diameter pipeline.

TERMS OF PROPOSED PERMIT:
Initial period: 49 years from May 1, 1981.

CONSIDERATION: The public health and safety, with the State reserving the right at any time to set a monetary rental if the Commission finds such action to be in the State's best interest.

BASIS FOR CONSIDERATION:
Pursuant to 2 Cal. Adm. Code 2005.

PREREQUISITE TERMS, FEES AND EXPENSES:
Applicant is permittee of upland.

Filing fee and processing costs have been received.

STATUTORY AND OTHER REFERENCES:
A. P.R.C.: Div. 6, Parts 1 & 2; Div. 13.

B. Cal. Adm. Code: Title 2, Div. 3; Title 14, Div. 6.

A 28

S 17

CALENDAR PAGE 021
MINUTE PAGE 468

OTHER PERTINENT INFORMATION:

1. The annual rental value of the site is estimated to be $200.

2. A final EIR Supplement was prepared by the Applicant, and adopted on December 18, 1980, pursuant to CEQA and the State EIR Guidelines. A Notice of Determination has been filed with the Secretary for Resources.

3. This project is situated on State land identified as possessing significant environmental values pursuant to P.R.C. 6370.1, and is classified in a use category, Class "A", which authorizes Restricted Use.

   Staff has coordinated this project with those agencies and organizations which nominated the site as containing significant environmental values. They have found this project to be compatible with their nomination.

APPROVALS OBTAINED:

County of Monterey, State Department of Fish and Game, and the Regional Water Quality Control Board.

FURTHER APPROVALS REQUIRED:

United States Army Corps of Engineers.

EXHIBITS: A. Land Description. B. Location Map.

C. EIR Summary.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT AN EIR AND EIR SUPPLEMENT HAVE BEEN PREPARED AND CERTIFIED FOR THIS PROJECT BY THE MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY.

2. CERTIFY THAT THE INFORMATION CONTAINED IN THE EIR AND EIR SUPPLEMENT HAVE BEEN REVIEWED AND CONSIDERED BY THE COMMISSION.

CALENDAR PAGE 022
MINUTE PAGE 469

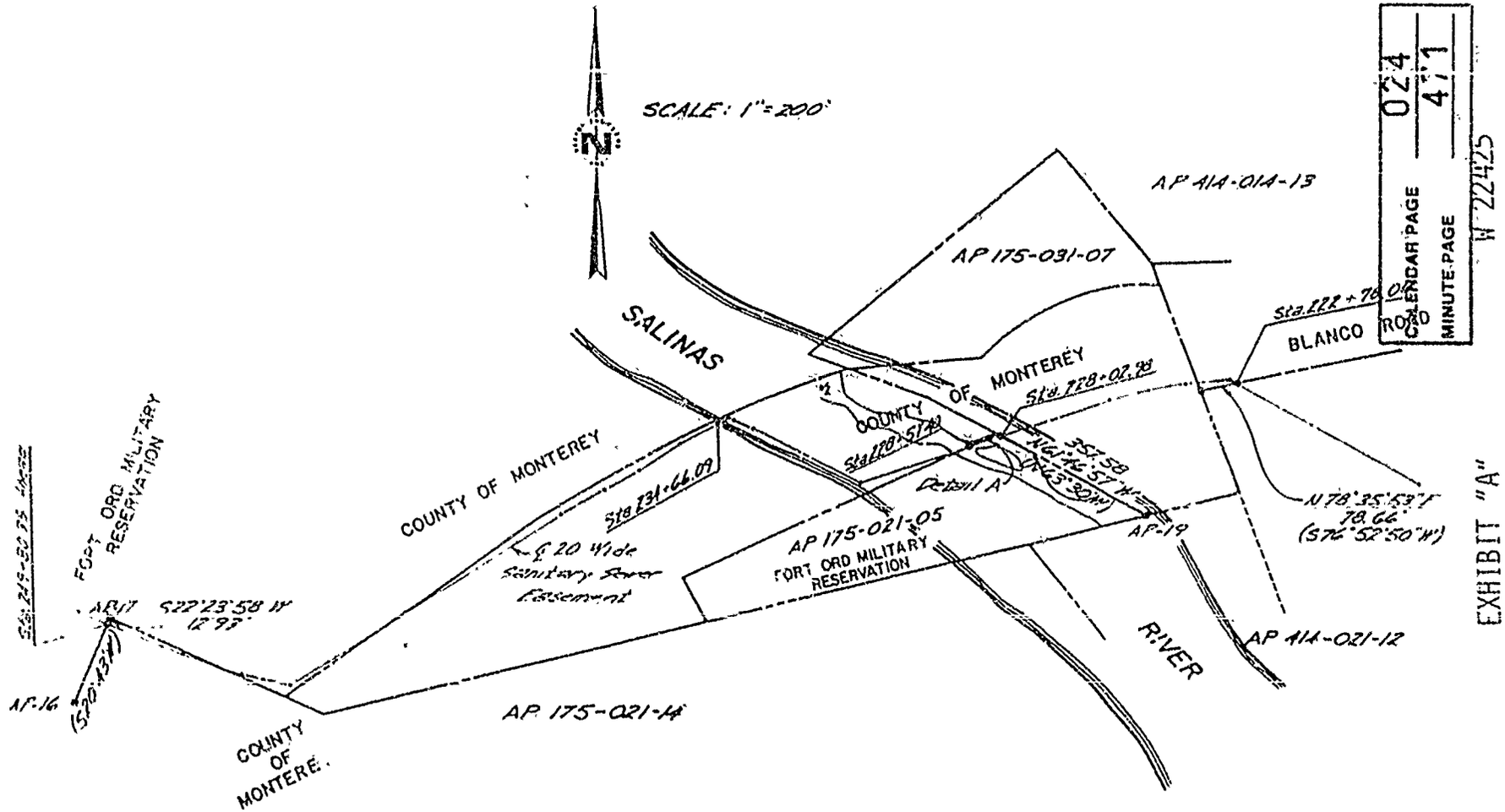
3. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

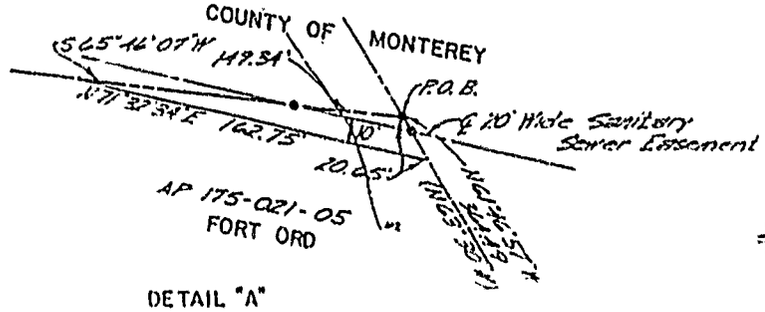
4. FIND THAT GRANTING OF THE PERMIT WILL HAVE NO SIGNIFICANT EFFECT UPON ENVIRONMENTAL CHARACTERISTICS IDENTIFIED PURSUANT TO SECTION 6370.1, OF THE P.R.C.

5. AUTHORIZE ISSUANCE TO THE MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY OF A 49-YEAR GENERAL PERMIT - PUBLIC AGENCY USE FROM MAY 1, 1981; IN CONSIDERATION OF THE PUBLIC HEALTH AND SAFETY, WITH THE STATE RESERVING THE RIGHT AT ANY TIME TO SET A MONETARY RENTAL IF THE COMMISSION FINDS SUCH ACTION TO BE IN THE STATE'S BEST INTEREST FOR THE INSTALLATION AND MAINTENANCE OF A 36-INCH DIAMETER PIPELINE ON THE LAND SHOWN ON THE PLAT ENTITLED EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

CALENDAR PAGE 024
MINUTE PAGE 411
W 22425

EXHIBIT "A"





DETAIL "A"
1"=50'

SANITARY SEWER EASEMENT

W.O. 2871.14 DATE: JAN. '80

BESTOR ENGINEERS, INC.

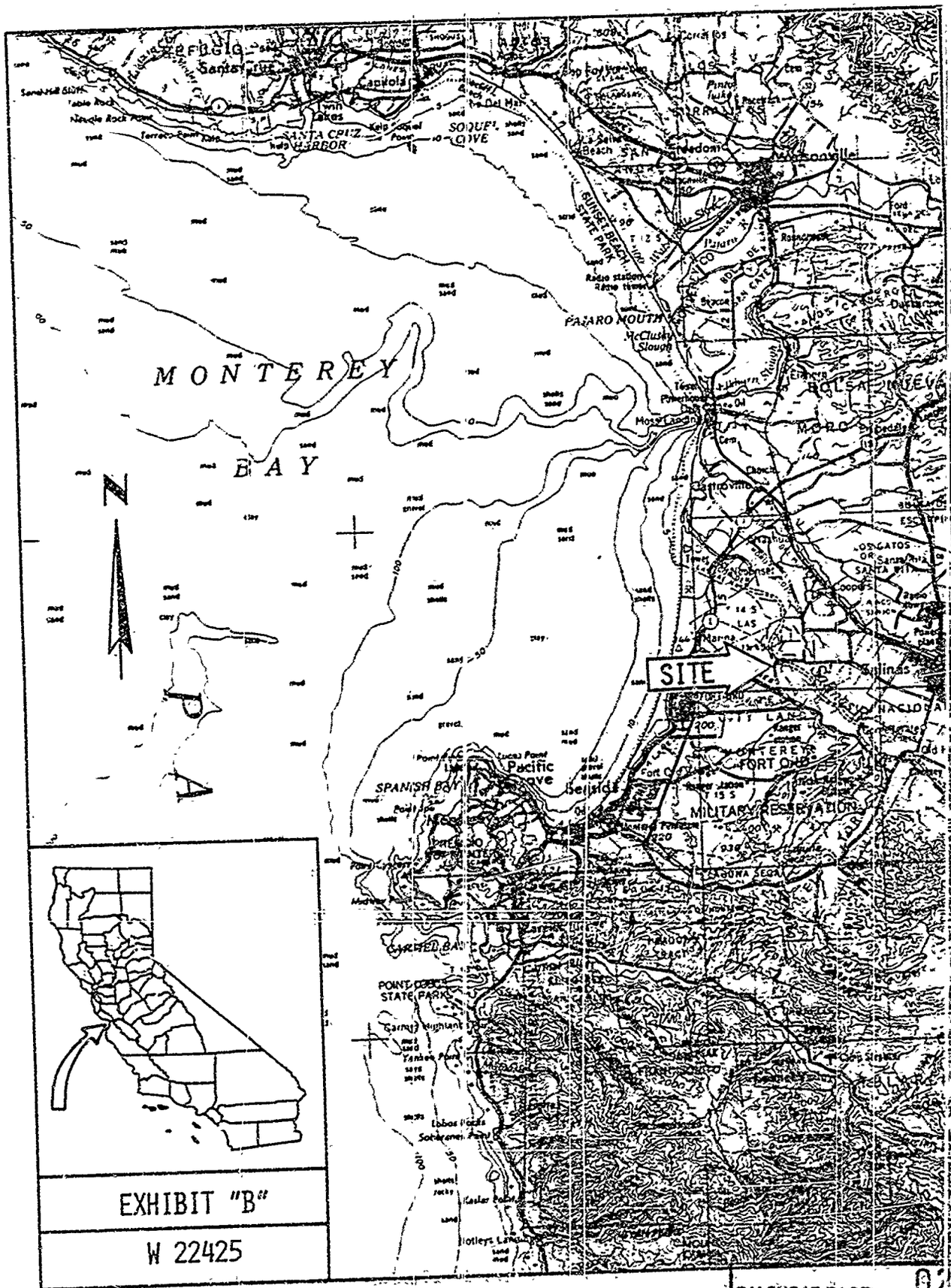


EXHIBIT "B"

W 22425

CALENDAR PAGE 025

MINUTE PAGE 472

EXHIBIT C

W22425

ENVIRONMENTAL IMPACT REPORT SUMMARY

NOTE: The following Environmental Impact Report Supplement was prepared by the Monterey Regional Water Pollution Control Agency on the request of the staff of the State Lands Commission. The Supplement covers that portion of the project on tide and submerged land under the Commission's jurisdiction, and serves as a summary of the project.

CALENDAR PAGE 026
MINUTE PAGE 473

SUPPLEMENT
to
ENVIRONMENTAL IMPACT REPORT AND STATEMENT

on

NORTH MONTEREY COUNTY FACILITIES PLAN

Of August 1977
(State Clearing House # 77042516)

October 1980

Engineering-Science
600 Bancroft Way
Berkeley, California 94710

CALENDAR PAGE 027
MINUTE PAGE 474

SUPPLEMENT TO EIR AND EIS FOR
NORTH MONTEREY COUNTY FACILITIES PLAN OF AUGUST 1977

INTRODUCTION

This supplement to the EIR is prepared in connection with a revision of the method of crossing of Salinas River with the Salinas Interceptor--Monterey County. The original facilities plan called for crossing the river at the Blanco Road Bridge, supported by the bridge structure. The County judged that the bridge structure would not safely support the additional load and has not permitted its use for the pipeline crossing. Therfore, a new crossing method is proposed involving a buried line beneath the riverbed at Blanco Road.

DESCRIPTION OF MODIFIED RIVER CROSSING

Construction would be timed to coincide with the low seasonal flow period to minimize the channeling requirement during excavation, burial, encasement, and backfilling.

Until the completion of the regional wastewater treatment plant, the pipeline will carry secondary sewage effluent. After the regional plant goes into operation, the pipeline will carry raw sewage.

The engineering specifications listed below will be prescribed to the Contractor.

a) Pipe Material and Coating (Minimum Strength Class)

Alternative #1. Concrete cylinder pipe; 36 in. I.D.; Class 150 psi; 1-1/4 in. concrete coating; 305 lb per ft, plus the 12 in. concrete encasement; AWWA Standard C-33; bell and spigot joint; joints to have bonding jumpers.

Alternative #2. Ductile iron pipe; 36 in. I.D., nom.; thickness Class 51; 0.48 in. wall thickness; 174 lb per ft; AWWA Standard C-151; mortar lined; painted and polyethylene encased; push-on, gasketed joint per AWWA Standard C-111; bonding jumpers on all joints.

Alternative #3. Cement-mortar lined and coated steel pipe; 36 in. I.D.; 0.312 steel with 1-1/4 in. mortar coating; 290 lb per ft; AWWA Standard C-300; bell and spigot joint with O-ring gasket; bonding jumpers are on all joints.

CALENDAR PAGE 028
MINUTE PAGE 475

b) Coating specified above, plus polyethylene encasement and 12 in. reinforced concrete jacket encasement.

c) Mortar lining and coating as specified.

d) Surge tank at the Salinas Pump Station.

e) Test pressures - 210 psi. Maximum operating pressure - 185 ft (80 psi), assuming a 27.1 mgd PWWF at year 2000, and C = 100.

f) Inspection would be continuous. Field testing is per Section 15060 of Specifications, and AWWA Standard C-600.

g) Level and function of hydropneumatic surge tank would be checked daily. The tank would be isolated, checked, and cleaned monthly.

There would be no active cathodic protection, but the joints would be bonded. Should in-service monitoring prove that a cathodic system is needed, it can readily be accomplished without disturbing the river crossing.

h) The top of the pipe encasement would be 10 ft below the riverbed and would be lower than the pile caps of the bridge foundations. Open cutting would not be permitted. The contractor would be expected to drive sheeting or sheet piling, dewater by well points, and construct using standard practice.

i) The encased pipe weighs approximately 3,700 lb per ft, flowing full. The earth displaced by the pipe weighs approximately 2,500 lb per ft. The difference is 1,100 lb per ft or 225 lb per sq ft. The soil to be encountered is silty sand, fine to medium grained, and would pose no problems supporting this loading.

j) Pipe would be below the scour line. The empty conduit weighs 3,260 lbs per ft. Displaced volume of water weighs 1,770 lbs per ft. The safety factor against flotation is 1.8.

IMPACTS OF PROPOSED MODIFIED CONSTRUCTION

Design features described above are included in the plans and specifications which the Contractor would be expected to follow. These features are expected to prevent occurrence of adverse impacts during construction as well as in the long-term operation of the pipeline. Minor disturbance of the riverbed during the brief construction period is not expected to produce tangible effects on the biota, hydrology, or streambed physiography. Dewatering of the excavated areas may introduce silt into the river water, interferring with normal fish habitats. Approaches to the riverbed are expected to involve destruction of some trees and riparian vegetation. The specified construction procedures, tests, monitoring, and safety provisions would ensure against rupture, spillage, settlement, or other failure during the life of the pipe crossing.

CALENDAR PAGE 029
MINUTE PAGE 476

MITIGATION

Silt settling ponds are planned to be excavated for the discharge of water pumped by the dewatering pumps. After sufficient settling of the silt in the ponds, the dikes would be opened for discharge into the flow stream.

To mitigate destroyed riparian vegetation, a replanting of the trees and other vegetation is planned to reestablish the original vegetative cover along the banks of the river, similar to initial conditions.

CALENDAR PAGE 030
MINUTE PAGE 477