

(R-93-1236)

RESOLUTION NUMBER R- 281893

ADOPTED ON MAY 03 1993

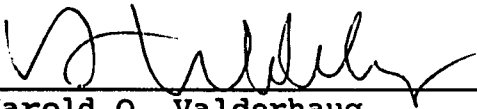
BE IT RESOLVED, by the Council of The City of San Diego, that it is hereby certified that Mitigated Negative Declaration No. 90-0788, on file in the office of the City Clerk, has been completed in compliance with the California Environmental Quality Act of 1970, as amended, and the State guidelines thereto (California Code of Regulations section 15000 et seq.), that the Declaration reflects the independent judgment of The City of San Diego as Lead Agency and that the information contained in said report, together with any comments received during the public review process, has been reviewed and considered by this Council in connection with the approval of the exchange of easements and rights-of-way for the Encanto Trunk Sewer.

BE IT FURTHER RESOLVED, that the Council finds that project revisions now mitigate potentially significant effects on the environment previously identified in the Initial Study and therefore, that said Mitigated Negative Declaration, a copy of which is attached hereto and incorporated by reference, is hereby approved.

BE IT FURTHER RESOLVED, that pursuant to California Public Resources Code section 21081.6, the Council hereby adopts the Mitigation Monitoring and Reporting Program, or alterations to implement the changes to the project as required by this body in

order to mitigate or avoid significant effects on the environment, a copy of which is attached hereto and incorporated herein by reference.

APPROVED: JOHN W. WITT, City Attorney

By 

Harold O. Valderhaug
Chief Deputy City Attorney

HOV:ps
02/02/93
Or.Dept:Prop.
Job:521267
R-93-1236
Form=r.nd/mndgen



Development and Environmental
Planning Division
236-6460

RECEIVED
CITY CLERK'S OFFICE
93 MAY 10 PM 3:58

Mitigated Negative Declaration

Revised 10/20/92
SCH No. 91081057
DEP No. 90-0788

SUBJECT: Encanto Trunk Sewer. COUNCIL APPROVAL of Capital Improvement Project No. 46-163.0 to construct the replacement Encanto Trunk Sewer. The project would replace approximately 16,500 feet of the existing pipeline with 21- to 42-inch diameter pipe. The majority of the improvements would be constructed in the community of Southeast San Diego. The remainder of the project area, the westernmost portion of the project, would be in the Barrio Logan Community. Applicant: Water Utilities Department, City of San Diego.

- I. PROJECT DESCRIPTION: See attached Initial Study.
- II. ENVIRONMENTAL SETTING: See attached Initial Study.
- III. DETERMINATION:

The City of San Diego has conducted an Initial Study and determined that the proposed project will not have a significant environmental effect. Subsequent revisions in the project proposal create the specific mitigation identified in Section V of this Mitigated Negative Declaration. The project as revised now avoids or mitigates the potentially significant environmental effects previously identified, and the preparation of an Environmental Impact Report will not be required.

IV. DOCUMENTATION:

The attached Initial Study documents the reasons to support the above Determination.

V. BACKGROUND:

A small segment of the alignment (Figure 1A) has been changed as of October, 1992, to avoid an existing development. This minor change does not change the determination or mitigation requirements for this project.

VI. MITIGATION, MONITORING AND REPORTING PROGRAM:

The following measures shall be stated on project construction plans, documents and the Mitigation Monitoring and Reporting Program for the Encanto Trunk Sewer Capital Improvement Project No. 46-163.0.

Cultural Resources

1. The Water Utilities Department shall provide verification that a qualified archaeologist has been retained to implement the archaeological monitoring program. This verification shall be presented in a letter from the archaeologist to the Principal Planner of the Environmental Analysis Section prior to construction

R-281893

activities. (A qualified archaeologist is defined as an individual certified by the Society of Professional Archaeologists.)

2. The qualified archaeologist shall be present on-site during initial trenching to inspect for in-situ sites as specified in b., below. This archaeologist shall be responsible for the following:
 - a. Attend and make comments and/or suggestions concerning the monitoring program and discuss grading plans at any pre-construction meetings;
 - b. Monitor construction excavation and vehicle activity in the following location:
 - 1) along Chollas Creek between 49th Street and Euclid Avenue.

The archaeologist's duties shall encompass four elements: 1) monitoring; 2) evaluation; 3) analysis of collected materials; and 4) preparation of a report. These elements are as follows:

a. Monitoring Program

The qualified archaeologist shall attend any pre-construction meetings to make comments and/or suggestions concerning the monitoring program and discuss grading plans with the construction contractor. The archaeologist shall be on-site to monitor all ground disturbance activities and to inspect for additional in situ archaeological deposits along Chollas Creek between 49th Street and Euclid Avenue.

b. Evaluation Program

In the event that additional archaeological deposits are discovered, the archaeologist shall have the authority to temporarily halt, direct or divert any ground disturbance operations in the area of discovery to allow evaluation of potentially significant archaeological resources. The significance of the discovered resources shall be determined by the archaeologist, in consultation with DEP staff. For significant archaeological resources, a research design and data recovery program shall be prepared and carried out to mitigate impacts. At the time of discovery, the archaeologist shall notify DEP staff. DEP must concur with the evaluation procedures to be performed before construction activities are allowed to resume. Any human bone of Native American origin shall be turned over to the appropriate Native American group for reburial.

c. Analysis of Collected Materials

All collected cultural remains shall be cleaned, catalogued and permanently curated with an appropriate scientific institution. All artifacts shall be analyzed to identify function and chronology as they relate to the history of the area. Faunal material shall be identified as to species. Specialty studies shall be completed, as appropriate.

d. Report Preparation

A monitoring report (with appropriate graphics) shall be prepared and submitted to DEP summarizing the results of the above program within three months following termination of the archaeological monitoring program. The construction contractor shall notify DEP of any pre-construction meeting dates and of the start and end of construction. For questions regarding the archaeological site CA-SDi-5931 or SOPA-certified archaeologists, DEP shall be contacted. Selection of the SOPA-certified archaeologist, or equivalent, shall be approved by DEP.

Implementation of these measures will fully mitigate any impacts resulting from the proposed project on any discovered archaeological resources.

Paleontological Resources

1. The Water Utilities Department shall provide verification that a qualified paleontologist has been retained to implement the paleontological mitigation program. This verification shall be presented to the Principal Planner of the Environmental Analysis Section of the City Planning Department prior to construction activities. (A qualified paleontologist is defined as an individual with an MS or Ph.D. degree in paleontology or geology and who is a recognized expert in the application of paleontological procedures and techniques such as screen washing materials, identification of fossil deposits, etc.)
2. The qualified paleontologist shall attend the pre-construction meeting to discuss the mitigation procedures with the grading and excavation contractors. The requirement for paleontological monitoring shall also be noted on the construction plans.

Paleontological monitoring shall be required in the following areas:

1. as the sewer pipeline alignment parallels Castana Street between 47th Street and the east end of El Rey Gardens Trailer Park.

R-281893

2. in the area of San Miguel Street and 41st Street between Ocean View Avenue and Boston Avenue.

The paleontologist duties shall encompass three elements:

1) monitoring; 2) salvaging; and 3) preparing collected materials for deposit at a scientific institution with paleontological collections. These elements are further defined as follows:

a. Monitoring Program:

A paleontological monitor shall be on-site during the original cutting of previously undisturbed sediments to inspect for contained fossils. This is necessary to determine the nature of the material and to determine the extent of fossils present. The material also shall be screened for any vertebrate remains. The monitoring shall be at least half-time at the beginning of grading and the time either increased or decreased, depending on the initial results. (A paleontological monitor is defined as an individual who has experience in the collection of salvage of fossil materials.) The paleontological monitor should work under the direction of the qualified paleontologist.

b. Salvaging Program:

In the event that well-preserved fossils are discovered, the paleontologist (or paleontological monitor) shall have the authority to temporarily direct, divert, or halt construction activities in the area of discovery to allow recovery of fossil remains in a timely fashion. This is anticipated to be a minimum of one hour to a maximum of two days.

c. Preparation program:

Fossil remains shall be cleaned, sorted, and catalogued, and then shall be deposited in a scientific institution, such as the San Diego Natural History Museum, with paleontological collections.

- d. A brief letter report (with map showing site locations) shall be prepared and submitted to the Principal Planner of the Environmental Analysis Section summarizing the results of the above program within three months following the termination of the paleontological program.

Implementation of the measures will fully mitigate any impacts to paleontological resources resulting from the project.

Biological Resources

1. The Water Utilities Department shall provide verification that a qualified biologist has been retained to serve as project biologist for the purpose of implementing the biological mitigation program. This verification (letter) shall be presented to the Development and Environmental Planning Division of the City Planning Department prior to construction activities. (A qualified biologist, in this case, would be one experienced in the state-of-the-art revegetation techniques.)
2. The project biologist shall attend the pre-construction meeting to consult with the grading and excavating contractors. The project biologist duties shall encompass the following activities: monitoring, maintenance, and reporting. These activities are:
 - a. Monitoring, Maintenance, and Reporting
 - o Monitor the revegetation of the area of Diegan coastal sage scrub disturbed during construction between the El Rey Gardens Trailer Park and the Euclid Avenue trolley station. The Revegetation Plan is attached.
 - o Monitor the revegetated area at six month intervals for three years and report results to the Development and Environmental Planning Division, Planning Department, City of San Diego. These reports will describe the status of the revegetation effort (i.e., plant height, plant recruitment, regrowth, establishment, vegetative cover, density) and discuss steps, if necessary, to remedy any identified problem areas. Such measures may include, but not be limited to replacement of failed vegetation, additional planting, pest species removal, irrigation modification, and erosion control.
3. The attached Revegetation Plan shall be implemented.

Upon successful completion of the above measures, no further work is required and the Mitigation Monitoring and Reporting Program shall be considered complete.

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REVEGETATION PLAN

This plan shall incorporate the following planting techniques and shall be in conformance with the City's Landscape Technical Manual:

1. Brushed or grubbed plant material shall be stockpiled and mulched without mixing any soil. This plant material shall be stockpiled on-site for reapplication over the construction areas. This stockpiling activity shall be monitored by the project biologist.
2. The compaction of the soil in the pipeline trench shall avoid the top one-foot of fill to allow for better root growth. Otherwise, structural recompaction of the soils would not be of benefit for regrowth of planted materials.
3. Seeds shall be applied by hydroseeding or suitable handseeding methods.
4. Planting of all unirrigated material shall be done between the months of November and February to allow for maximum success of the revegetation efforts.
5. Monitoring of the revegetation efforts shall occur every six months for three years. A goal of 20 percent plant cover shall be achieved the first year and 30 percent the next year. If these goals are not met, problems shall be identified and remedial action taken EARLY in the monitoring and reporting process.

Plant material shall include but not be limited to the following species:

Species	Application Rate (Pounds Per Acre)
---------	---------------------------------------

<u>Artemisia californica</u> (California sagebrush)	2
<u>Encelia californica</u> (bush daisy)	2
<u>Haplopappus squarrosus</u> (Sawtooth goldenbush)	1
<u>Viguiera laciniata</u> (San Diego sunflower)	2
<u>Eriogonum fasciculatum</u> (Flat-top buckwheat)	8
<u>Salvia mellifera</u> (Black sage)	2
<u>Rhamnus crocea</u> (Redberry)	2
<u>Stipa coronata</u> (Giant stipa)	2
<u>Stipa lepida</u> (Foothill stipa)	2
<u>Festuca megaleura</u> (Fescue)	<u>6</u>
Total	29
	lbs./acre

CP&BS

VII. PUBLIC REVIEW DISTRIBUTION:

Draft copies or notice of this Mitigated Negative Declaration were distributed to:

- City of San Diego
 - Councilmember Pratt, District 4
 - Councilmember Filner, District 8
- U.S. Army Corps of Engineers
- Stu Shuga, CALTRANS
- CALTRANS, District 11
- California Department of Fish & Game
- Regional Water Quality Control Board, District 7
- State Clearinghouse
- San Diego County Archaeological Society
- San Diego Historical Society
- Barrio Station, Inc.
- City of La Mesa
- City of Lemon Grove
- Metropolitan Transit Development Board
- San Diego Natural Historic Museum
- Southeast San Diego Development Committee

VIII. RESULTS OF PUBLIC REVIEW:

- () No comments were received during the public input period.
- () Comments were received but did not address the draft Mitigated Negative Declaration finding or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- (X) Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public input period. The letters and responses follow.

Copies of the draft Mitigated Negative Declaration, the Monitoring and Reporting Program and any Initial Study material are available in the office of the Development and Environmental Planning Division for review, or for purchase at the cost of reproduction.

Cathy Cikit
Cathy Cikit, Senior Planner
City Planning Department

August 15, 1991
Date of Draft Report

October 7, 1991
Date of Final Report

Analyst: Myers
EAS[p44]5373

Revised October 20, 1992

R 281893



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, DISTRICT COMMAND, SAN DIEGO

September 26, 1991

Office of the Chief
Regulatory Branch

RECEIVED

SEP 27 1991

CEVELL/MS/ST/REG/BRANCH
PLANNING

City of San Diego
Planning Department
Attn: Ann B. Hix, Principal Planner
202 "C" Street, Mail Station 4C
San Diego, CA 92101

Gentlemen:

It has come to our attention that you plan to replace 16,500 feet of the existing 21 inch diameter Encanto trunk sewer pipe, with 42 inch diameter pipe, in San Diego, San Diego County, California. This activity may require a U.S. Army Corps of Engineers permit. A Corps of Engineers permit is required for:

1. Work or structures in or affecting the "navigable waters of the United States", including adjacent wetlands; construction of a pier, wharf, bulkhead or jetty, dredging, dredge disposal, filling and excavation are examples of work or structures affecting navigable waters;
2. The discharge of dredged or fill material into the "waters of the United States", including adjacent wetlands; placing bank protection, temporary or permanent stock-piling of excavated material, grading roads, any grading (including vegetative clearing operations) involving filling low areas or leveling the land, and construction of weirs, diversions, approach fills or other structures involving the placement of fill material are examples of activities involving the discharge of dredged or fill material;
3. The transportation of dredged or fill material for the purpose of dumping it into ocean waters;
4. Any combination of the above.

Enclosed you will find a permit application form and a

1. The letter has been forwarded to the Water Utilities Department. It does not address the adequacy of the environmental document.

R 281893



ENVIRONMENTAL HEALTH COALITION
1717 Kettner Boulevard, Suite 100 • San Diego, California 92101 • (619) 235-0281

- ICERS
- ue Woods
- President
- D. Community College District
- aura Falla,
- ICSD President
- 1-43 Protective Services
- Michael Shames
- ICSD President
- ically Consumer Action Network
- anne-Maile Feenbug, Ph.D.
- Secretary
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- ary Petting, MA
- Power
- D. Community College District
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- Director of Life Systems Institute
- Lawrence L. Brunton, Ph.D.
- ICSD School of Medicine
- Any Commercial
- Canadian Work/Learn Agency
- Medical Board
- Call Chaffield
- 91 KCB FM
- Academy Cummings
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- Invict Health Research Center
- with Helzlsouer, MD, MPH
- ICSD School of Medicine
- Richard Jarez
- Administration Area
- Advisory Committee
- Heaven Kalamakian
- Therney
- yn Lacey
- ICSD & Associates
- an McKinnon, Ph.D.
- ICSD School of Medicine
- Whita Nicks, MD
- Health County Health Services
- aynaldo Pizalo
- ay Powers
- era Rapp
- ICSD/7220 Por La Vida Project
- Richard Wharton
- ICSD Environmental Law Clinic
- Jane Takvalian
- Executive Director

September 24, 1991

To: Janet Meyers
City of San Diego Planning Dept.
Development & Environmental Planning Division
202 C Street, 4th Floor
San Diego, CA 92101

From: Michael Perry
Community Assistance Coordinator

Re: DEP No. 90-0788

Subject: Encanto Trunk Sewer

Item IV E. The source and extent of the benzene contamination near manhole Number 82 should be determined. The proposed mitigated negative declaration is inadequate because it does not specify the level of benzene detected or adequately address the threat to surrounding community. We strongly believe that a negative declaration would be premature until this has been thoroughly evaluated. Regardless of whether or not this project proceeds we believe that every action necessary should be taken to protect the public.

2.

2. Benzene was detected in the area of Manhole MO. 82 on Rigel Street. The proposed project is to rehabilitate the existing sewer by slip-lining in this vicinity. This means that there will be no excavation for installation of the pipeline. Therefore the contaminated soil would not be disturbed or exposed as a result of the proposed project.



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SEP 21 1991

September 18, 1991

TELETYPE UNIT
COMMUNICATIONS SECTION

11-SD-005
R012.6
11-SD-805
12.0

Janet Myers
City of San Diego, DEPD
MS 4C

Dear Ms. Myers:

Mitigated Negative Declaration for the
ENCANTO TRUNK SEWER - SCH 2108105Z

PAGE 2: Add to the required permits "...encroachment permits from Caltrans District 11." The sewer line will have to be installed in bored casings within the rights-of-way for Interstate 5 and 805 (Figures 1A, 1B).

Our initial contact person for the encroachment permits is Richard Coward, Project Manager, Project Services, (619) 688-3303. Also, please file the Notice of Determination with the County Clerk and the Office of Planning and Research.

Sincerely,

JESUS M. GARCIA
District Director

By *M. Garcia*

PHILL DILLON, Chief
Planning Studies Branch

3. The Initial Study has been revised to state that encroachment permits from CALTRANS, District 11 are required.

R- 281893



355 Imperial Avenue, Suite 1000
San Diego, CA 92101-7490
Tel: 619-231-1466
Fax: 619-231-3407

RECEIVED

AUG 26 1991

Metropolitan Transit Development Board

MEMORANDUM

DATE: August 22, 1991 T 461.4
TO: Janet Myers, Environmental Planning Division
FROM: *JJB* Jim Bryant, MTDB Liaison
SUBJECT: ENCANTO TRUNK SEWER, CIP PROJECT 46-163.0

The Metropolitan Transit Development Board (MTDB) has reviewed the proposed Mitigated Negative Declaration and is concerned about the impacts of the project on transit service.

The Euclid Avenue Trolley Station is a multi-modal transit center with four bus routes connecting to the East Line of the light rail system. Construction of the sewer main in the vicinity of the Euclid Avenue Trolley Station must not impede Trolley or bus operations. The project schedule should be coordinated with San Diego Trolley.

4. Additionally, the sewer alignment crosses a number of transit streets. The traffic control plan should specifically include measures to minimize any impacts on bus stops and/or bus routes. MTDB should review the traffic control plan before it is implemented. If any impacts to transit service are identified, appropriate mitigation measures should be incorporated in the plan.

If you have any questions regarding these comments, please contact me at 557-4533.

JRB:jrb:jj
M-ENCANTO.JRB

cc: Langley Powell, San Diego Trolley, Inc.
Tim Price, San Diego Transit Corporation

Metropolitan Transit Development Board is an equal opportunity employer. Minorities and women are encouraged to apply. San Diego Transit Corporation is an equal opportunity employer. Minorities and women are encouraged to apply. San Diego Transit Corporation is an equal opportunity employer. Minorities and women are encouraged to apply.



San Diego County Archaeological Society, Inc.

Environmental Review Committee
P. O. Box A-81106 San Diego, CA 92138

September 16, 1991

RECEIVED

SEP 19 1991
ENVIRONMENTAL REVIEW COMMITTEE

To: Ms. Janet Myers
Development and Environmental Planning Division
Planning Department
City of San Diego
401 B Street, Suite 600
San Diego, California 92101

Subject: Proposed Mitigated Negative Declaration
Encanto Trunk Sewer
DEF No. 90-0788

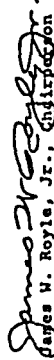
Dear Ms. Myers:

I have reviewed the subject PMND on behalf of this committee of the San Diego County Archaeological Society.

Based on the contents of the PMND and its cultural resources technical report, we concur in the impact analysis and mitigation measures presented, with one addition: If a change from slip-lining is made on the portion of the line near archaeological site W-194, a mitigation program for it will need to be added.

SDCAS appreciates being included in the review process for this project.

Sincerely,


James W. Royce, Jr., Chairman
Environmental Review Committee

cc: Affinis
file

R-281893

5. The comment has been forwarded to the Water Utilities Department. Any substantial modifications in the project design would require additional environmental review.

DEPARTMENT OF FISH AND GAME
 330 Golden Shore, Suite 50
 Long Beach, California 90802
 (213) 590-5113



008109

August 23, 1991

RECEIVED

AUG 30 1991

ENVIRONMENTAL ANALYSIS
 SECTION

Ms. Ann B. Hix
 City of San Diego
 Planning Department
 401 "B" Street, Suite 600
 San Diego, CA 92101

Dear Ms. Hix:

The Department of Fish and Game does not concur with the Mitigated Negative Declaration for the Encanto Truck Sewer Project that would replace 16,500 feet of the existing pipeline with 21- to 42-inch diameter pipe in the community of southeast San Diego. We are concerned with portions of this project where the proposed alignment runs within the floodway of South Chollas Creek as shown in Figures 1A and 1B. We recommend that a Focused Environmental Impact Report be prepared for this project to discuss other feasible alternatives that would run the pipeline alignment outside of the sensitive habitats within the floodplain of the creekbed.

The Negative Declaration states that the project is for replacement of an existing trunk sewer line. However, it is not clear to us if this would be true for the entire route. Even so the document must demonstrate the infeasibility of other less damaging alternatives, giving reasons why the new and much bigger pipeline cannot be kept outside of the floodway throughout its entire route or at least in those areas where the creekbed is not channelized. The Department considers streambeds as important wildlife corridors and is proposed to the use of streambeds as utility and/or transportation corridors that require frequent maintenance with resultant disturbance to wildlife.

The project as described does not detail the work proposed for streambed alteration activity. The project sponsor must identify specific streambed alterations and flood control structures proposed in order for the Department to properly comment on this document. The applicant should be aware that if mitigation measures are not provided in this document, the Department may require such mitigation measures through jurisdiction established under Fish and Game Code Sections 1601-1603.

The project sponsor is subject to the user fee provided by Fish and Game Code Section 711.4, and the fee is payable to the

6. A substantial portion of the alignment follows South Chollas Creek drainage. This drainage is channelized and has few areas of sensitive habitat. Along the proposed trunk sewer alignment the one area of sensitive habitat along the drainage that would be impacted is an area of coastal sage scrub. This area is proposed for substantial revegetation program as discussed on page 4 of the Initial Study. There are no significant impacts that are not being mitigated. Therefore, an EIR is not required by CEQA.

7. Alternative alignments were evaluated by the applicant. Based on environmental and engineering constraints such as soil contamination and topography, the proposed alignment was selected. Also see Response 6.

8. There will be no streambed activity in any portions that are not already channelized. Any work performed will restore the area to existing conditions i.e. concrete channel.

9. User fee check has been submitted and will be transferred to the County Clerk upon filing of Notice of Determination.

Ms. Ann B. Hix
August 23, 1991
Page Two

County Clerk at the time of or prior to filing the Notice of Determination by the lead agency. The user fee is \$1,250 for a Negative Declaration and \$850 for an Environmental Impact Report. It is our assessment that this project will result in cumulative loss and/or displacement of fish and wildlife resources and does not qualify for fee exemption.

10. In conclusion, we recommend against certification of the Negative Declaration because it fails to provide adequate mitigation measures to offset the adverse impacts to biological resources. The Biological Resource Survey Report does not quantify adverse impacts to wetlands within the floodplain of South Chollas Creek. A Mitigation and Monitoring plan should be prepared for various sections of the South Chollas creek, exceeding one mile in length that will be severely impacted. Furthermore, CEQA Guidelines require that Negative Declarations impacting sensitive biological and hydrological resources be circulated to Trustee and Responsible agencies through the State Clearinghouse.

Thank you for the opportunity to provide comments on this project. We request that the lead agency provide us with a copy of their response to our comments and/or the final environmental document, immediately upon approval and prior to filing the Notice of Determination. If you have any questions, contact Kris Lal of our environmental services at the above address or by telephone at (213) 590-5137.

Sincerely,

R. E. Mally
Fred Worthley
Regional Manager
Region 5

cc: USFWS, Laguna Niguel
State Clearinghouse
ESD, SAT

10. A Mitigation Monitoring and Reporting Program has been prepared and is outlined in the Mitigated Negative Declaration. The Monitoring requirements include biological establishment period of twenty-five months.

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City of San Diego
Planning Department
DEVELOPMENT AND ENVIRONMENTAL PLANNING DIVISION
202 "C" Street, Mail Station 4C
San Diego, CA 92101
(619) 236-6460

INITIAL STUDY
DEP No. 90-0788

SUBJECT: Encanto Trunk Sewer. COUNCIL APPROVAL of Capital Improvement Project No. 46-163.0 to construct the replacement Encanto Trunk Sewer. The project would replace approximately 16,500 feet of the existing pipeline with 21- to 42-inch diameter pipe. The majority of the improvements would be constructed in the community of Southeast San Diego. The remainder of the project area, the westernmost portion of the project, would be in the Barrio Logan Community. Applicant: Water Utilities Department, City of San Diego.

I. PURPOSE AND MAIN FEATURES:

The proposed project is the replacement of portions of the existing Encanto Trunk Sewer which was constructed in 1929. The trunk sewer extends from Imperial Avenue at the Lemon Grove City limits to Interstate 5 (I-5) and Beta Street in San Diego. The existing pipeline is 18 to 27-inch diameter vitrified clay pipe (VCP) and is approximately 27,300 feet long.

The Encanto Trunk Sewer serves a portion of the community of Southeast San Diego, a portion of the City of Lemon Grove and a small portion of the City of La Mesa. Much of the tributary drainage area is composed of single- and multi-family housing. Through the years, sections of the pipeline have been replaced on an as-needed basis. However, the replacement is being considered because of inadequate capacity and the age of the existing line.

The upstream limit of the proposed project is the Euclid Trolley Station. The alignment would proceed downstream in a generally southwest direction under I-805 and end at an existing 42-inch diameter sewer pipe at the intersection of Beta Street and I-5. The proposed improvements consist of the parallel replacement of approximately 16,500 feet of the existing 21- to 27-inch diameter sewer with a new trunk sewer of 30- to 42-inch diameter pipe.

The new sewer will be sized to accommodate projected sewage flows based on the anticipated build-out of the area. The existing sewer would be abandoned in place after start-up of the new parallel line, or may be used as a collector sewer for lateral tie-ins.

The proposed alignment (see Figure 1) would be kept within the existing easements and rights-of-way as much as possible. Some portions of the proposed alignment would require acquisition of a twenty-foot-wide permanent sewer easement. Where the proposed alignment parallels the

R-281893

existing pipeline, a ten-foot-wide sewer easement generally exists. This easement would need to be widened to twenty feet to meet current City standards.

The project would require permits from the California Department of Fish and Game (CDFG) and the United States Army Corps of Engineers (USACOE). Because the proposed pipeline would cross South Chollas Creek just west of Boston Avenue and 41st Street, a Notification of Streambed Alteration must be submitted to the CDFG according to Section 1601 California Fish and Game Code. Because the proposed project involves aligning portions of the sewer within the 100-year floodplain of South Chollas Creek, a permit may be required from the USACOE according to Section 404, Clean Water Act.

The project would involve dewatering because portions of the alignment would encounter ground water. The volumes of dewatering would be minimal and the water would be used for construction purposes such as compaction and dust control rather than to be reinjected. Therefore a National Pollution Discharge Elimination System (NPDES) Permit dewatering permit would not be required from the California Regional Water Quality Control Board.

The southwest portion of the proposed project, southwest of I-5 and I-15 is within the Coastal Zone. The existing pipeline in Main and Rigel Streets would be rehabilitated by lining with polyethylene pipe insertion or inversion lining techniques. Because there would be no surface disturbance within the zone, a Coastal Development Permit would not be required.

In addition, encroachment permits from CALTRANS, District 11 are required where the alignment crosses Interstate 5 and 805.

Construction materials would be stored in the construction staging areas located at Euclid and Market in the parking lot owned by Langley Lighting Company, at 47th Street north of Castana Street, at Ocean View Boulevard east of San Pasqual Street, and at 40th Street south of Alpha Street.

Proposed pipeline construction would cross Main Street between Siva and Rigel Streets. Main Street is a four-lane major with an average weekday traffic volume of 21,000 average daily trips (ADT). The pipeline would cross National Avenue at 41st Street. National Avenue is a four-lane east-west major with average weekday volumes of 15,700 ADT. Imperial Avenue, (12,000 ADT) a four-lane east-west major, would be crossed by pipeline construction at 45th Street. Euclid Avenue, (21,600 ADT) a four-lane north-south major, would be temporarily impacted by pipeline construction at the existing trolley station.

A traffic control plan would be implemented during the construction period estimated to be between September, 1992 and December, 1994. Construction would occur between the hours of 8:00 a.m. and 3:00 p.m., Monday through Friday. The plan would require that pipeline trenches open at the end of the workday should be covered and/or indicated by the placement of traffic barricades and warning lights. In addition, the plan would provide that curbside parking would not be impacted during non-construction hours. This provision would limit the loss of on-street parking to the immediate construction zone during construction activity hours.

II. ENVIRONMENTAL SETTING:

The proposed Encanto Trunk Sewer improvements would be constructed primarily in the community of Southeast San Diego. The remainder of the project area, the westernmost portion, lies within the community of Barrio Logan.

Southeast San Diego is an urbanized community occupying approximately 7,200 acres in the central portion of San Diego. The land within the community is comprised of a series of terraces which rise from just a few feet above sea level to over 400 feet above sea level. These terraces have been cut by streams into four highland areas. The proposed project would be constructed along an alignment that roughly parallels South Chollas Creek, the most central of these streams.

Through most of the project area, the South Chollas Creek drainage has been contained in a channel which is concrete or gunnite lined. In the areas without lining, the banks of the channel are vegetated with invader weed species. The vegetation includes scattered individuals of wetland indicator plants, but there is not an established wetland vegetation community present anywhere along the alignment.

At the northeastern end of the project area, coastal sage scrub is present on a 2.0-acre area which is an undeveloped creek terrace. Approximately one-acre of the scrub habitat is high quality and about one-acre is invaded by exotic and non-climax vegetation.

Barrio Logan is also an urbanized community and is located between San Diego Bay and the community of Southeast San Diego. It occupies approximately 1,000 acres and is located within the Coastal Zone. A large U.S. Navy Base is located within the Barrio Logan community at 32nd Street. Elevations do not exceed 60 feet above sea level. Three major drainages cross the community including the Los Chollas floodplain.

The current land use of the project area is mostly residential housing. Zoning includes single- and multi-family residential zones and the Coastal Zone.

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III. ENVIRONMENTAL ANALYSIS: See attached Initial Study checklist.

IV. DISCUSSION:

A. Hydrology/Water Quality

Three segments of the proposed alignment would be located within the 100-year floodplain of South Chollas Creek: 1) west of the intersection of Beta Street and Birch Street to the southbound overpass of Interstate 5; 2) between Ocean View Boulevard and Imperial Avenue; 3) from 47th Street, south of Market Street, to the intersection of the trolley tracks and Euclid Avenue. Sediment could be discharged into the channel during pipeline construction and excavation in the area. The project features include standard sediment/erosion control measures such as sandbagging and temporary sedimentation basins. Thus, there would be no potential impact on water quality and hydrologic characteristics would not be significantly impacted.

B. Biology

A biological resources survey was conducted in the project area. The technical report is on file in the office of the Environmental Analysis Section. The proposed alignment is located parallel to the existing pipeline mostly through residential streets. It crosses the South Chollas Creek in some locations.

Most of the South Chollas drainage has been contained in a channel which is concrete lined in some stretches. The stream is ephemeral and carries urban and storm runoff. There are only scattered individuals of wetland indicator plants but no significant amount of wetland vegetation.

The proposed alignment would impact one acre of high quality coastal sage scrub and one acre of disturbed coastal sage scrub which are located on an undeveloped terrace southwest of the Euclid Trolley Station. Coastal sage scrub is the prime habitat for the California gnatcatcher. Although no gnatcatchers were identified on the site, the high-quality scrub is suitable habitat. The impacts would be temporary and result in no permanent loss of habitat. However, the temporary disturbance of the sensitive coastal sage scrub would be significant.

In order to mitigate the potentially significant impact to the habitat, the excavated and disturbed area would be hydroseeded with a native seed mix with elements of the coastal sage scrub community. The hydroseeding would be done in the fall (prior to January) to take advantage of winter rains in establishment of the new vegetation. In addition a

quick-growing cover mix would be applied to provide timely revegetation of the construction site. This cover mix would not interfere with the ultimate establishment of the climax coastal sage scrub community.

The Mitigation Monitoring and Reporting Program includes specifications for the hydroseed mix and application standards. No further mitigation is required.

C. Cultural Resources

The proposed project is in a developed residential area, for the most part within or along existing paved roads. The portions that are outside of existing roads are in areas subject to heavy impacts from residential development. Portions of the proposed alignment are located along or within the South Chollas Creek channel. The creek has been altered by dredging and grading and it is lined along some segments.

A cultural resources survey was conducted in the area of the proposed project. The archaeological and historical reports are on file in the office of the EAS. The initial survey area included alternative alignments which were subsequently eliminated as project alignments. The resource study then focused on the proposed impact zone for selected project alignment (identified as the "Recommended Alternative" in resource reports).

Based on the proposed alignment, construction could impact two archaeological sites. The sewer would cross to the south of site CA-SDI-11,959 on a lower terrace than that on which the site is situated. Site SDM-W-194 was recorded "on the neck between Las Choyas and La Paleta Sloughs", now the 32nd Street Naval Station. There is a possibility that some subsurface cultural material may remain intact but due to the area's development no surface evidence of Site SDM-W-194 remains.

Direct impacts to site CA-SDi-11,959 would be avoided because the proposed alignment is south of the site boundary. However, because the potential for inadvertent damage to the site from workers, the site was tested for significance.

The testing program conducted at site CA-SDi-11,959 has identified the site as an important and significant cultural resource according to the California Environmental Quality Act (CEQA). The site is one of only two remaining sites known along South Chollas Creek but is different in nature from the other, site CA-SDi-11,165.

Site CA-SDi-11,959 is an important source of information about the late prehistoric coastal settlement and subsistence system. The site is also significant to the Native American community. Many of the elders talked of having been born in this area but no archaeological evidence of these

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sites is known to the Native American. Therefore any evidence of these sites is important for the heritage value. Impacts to SDi-11,959 would be significant.

No evidence of previously recorded site SDM-W-194 was identified during this survey. Therefore the precise location of the site boundaries could not be identified. As a result subsurface testing was not conducted to determine whether significant artifacts remain. However, there is a possibility that subsurface portions of the site remain beneath the streets and buildings in the vicinity of the western end of the project. If subsurface portions of SDi-W-194 remain intact within the project area, impacts to the site would be potentially significant.

CA-SDi-11,959 has been determined to be a significant cultural resource. Direct impacts to the site will be avoided because the construction impact zone is entirely south of the site boundary. However, in order to assure that workers and equipment do not inadvertently damage the site, a qualified archaeologist shall be present during activities in this area to monitor trenching and other construction activities. The archaeologist shall have the authority to direct vehicles and workers away from the site.

These mitigation measures shall be included on construction drawings and in construction contract documents. No further mitigation shall be required.

D. Paleontological Resources

Three geologic formations are present in the proposed project area which yield varying amounts of paleontologically significant resources. The San Diego Formation is a unit of both marine and nonmarine origins which has produced large numbers and a wide variety of invertebrate and marine vertebrate fossils. The Bay Point Formation has yielded moderate numbers of land animals and marine invertebrates. The Quaternary alluvium and slopewash are recent depositional formations which do not yield significant paleontological resources.

For the most part, the proposed construction corridor would disturb alluvium and slopewash. However small segments would disturb Bay Point and San Diego formations which are known to contain significant fossil deposits.

In order to avoid impacts to significant paleontological resources, the applicant shall retain a paleontologist to monitor excavation of areas where there is a high potential for fossil presence. If resources are encountered, grading activities would temporarily cease to allow recovery of fossil remains. Details of the paleontological mitigation program are outlined in the Mitigation Monitoring and Reporting Program.

E. Public Safety

A complete geotechnical investigation included soil borings along the entire proposed alignment. Soil samples from the borings were tested for contamination based on records from the San Diego Fire Department and the San Diego County Hazardous Materials Management Division of known soil and groundwater contamination sites.

The testing indicated the presence of benzene in excess of tolerance levels in the vicinity of City of San Diego Manhole No. 82 on Rigel Street adjacent to the existing Encanto Trunk Sewer. Benzene is a clear, flammable, aromatic poisonous liquid which poses a health risk when humans are exposed to certain concentrations over a period of time. The proposed project is to rehabilitate the existing sewer in this vicinity by slip-lining. Therefore there would be no excavation near this contamination site for installation of a new pipeline.

Three other contamination sites which may have effected the proposed project were identified. Two are along Ocean View Boulevard east of San Pasqual Street where dewatering may result in impacts if there has been any seepage of contaminants into the soil or groundwater. The third is on Main Street between Rigel and Siva Streets.

The Hazardous Materials Management Division recommended soil and groundwater testing along the proposed alignment in the vicinity of these three known contamination sites. The results of testing at all three sites were negative. Chemical levels present do not exceed drinking water standards. Therefore, no mitigation is required.

F. Geology and Soils

Construction activities within the 100-year floodplain may increase the potential hazard for water erosion. The increased erosion hazard is temporary until the disturbed areas are revegetated.

South Chollas Creek does not drain to a sensitive resource area. However, project features include erosion and sediment control measures as necessary to protect the watershed and downstream areas. Therefore, the temporary increased erosion hazard is not considered to be a significant impact.

V. RECOMMENDATION:

On the basis of this initial evaluation:

— The proposed project would not have a significant effect on the environment, and a NEGATIVE DECLARATION should be prepared.

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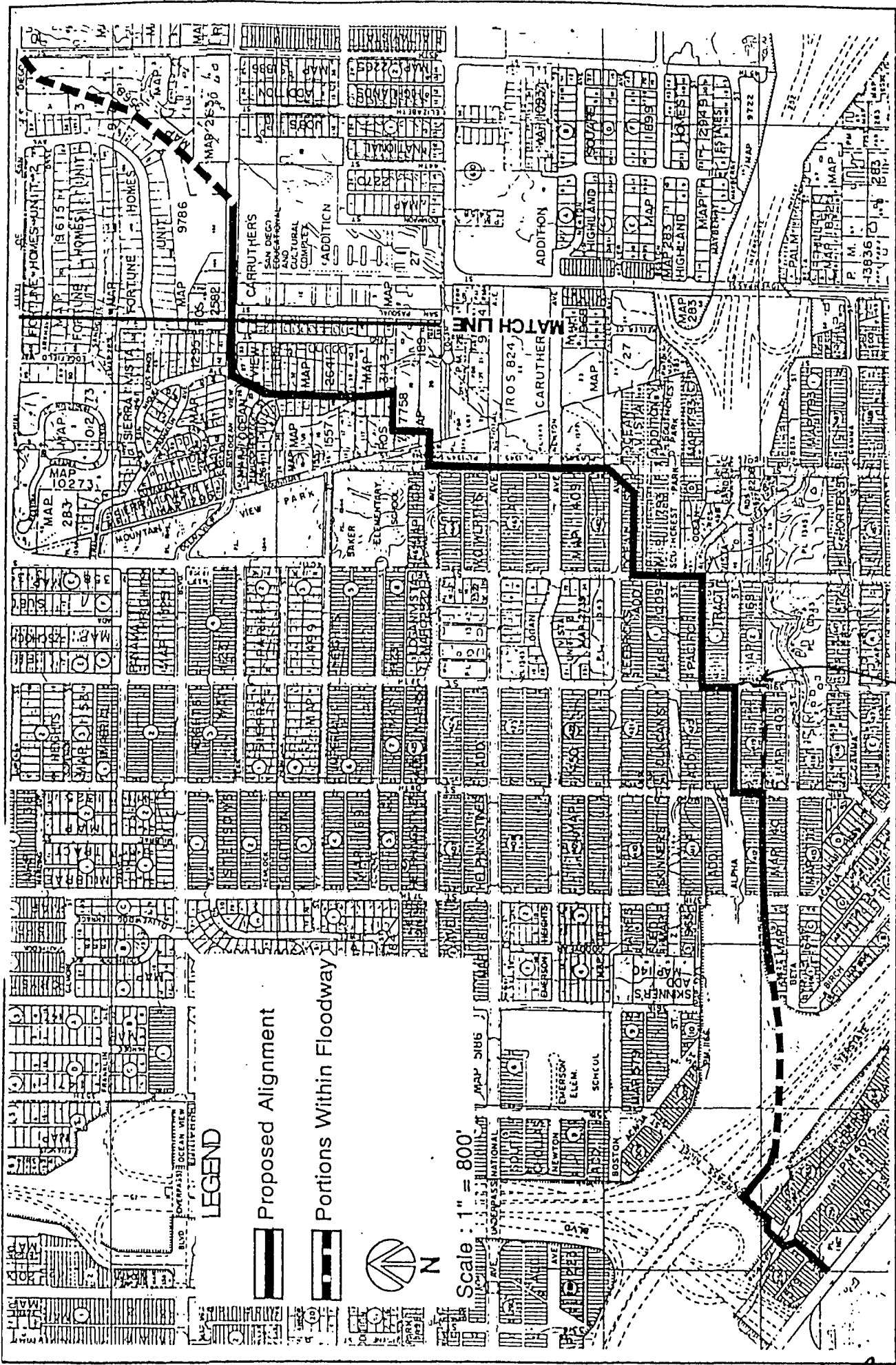
X Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in Section IV above have been added to the project. A MITIGATED NEGATIVE DECLARATION should be prepared.

— The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT should be required.

PROJECT ANALYST: Myers

Attachments: Project Location Maps
Initial Study Checklist

SP818S



New alignment as of 10-8-92

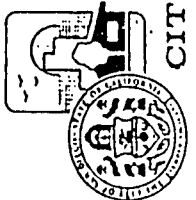
FIGURE

1A

PROJECT LOCATION - ENCANTO TRUNK SEWER

Environmental Quality Division

CITY OF SAN DIEGO · PLANNING DEPARTMENT



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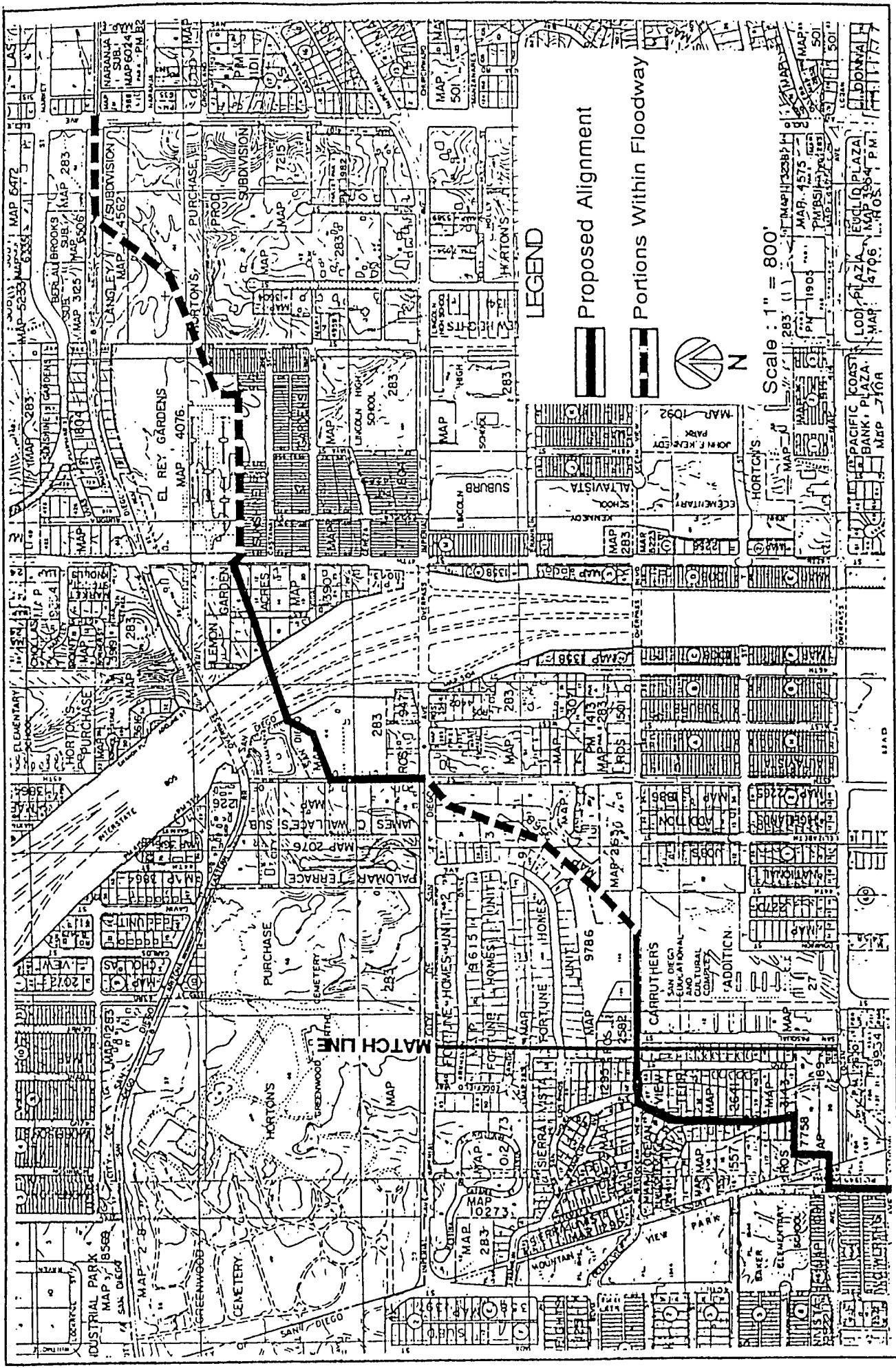
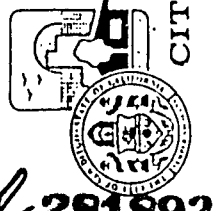


FIGURE **1B**

PROJECT LOCATION - ENCANTO TRUNK SEWER

Environmental Quality Division
 CITY OF SAN DIEGO · PLANNING DEPARTMENT



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Initial Study Checklist
Date ENCANTO TRUNK SEWER

DEP No. 90-0788

III. ENVIRONMENTAL ANALYSIS:

This Initial Study checklist is designed to identify the potential for significant environmental impacts which could be associated with a project. All answers of "yes" and "maybe" indicate that there is a potential for significant environmental impacts and these determinations are explained in Section IV.

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
A. <u>Geology/Soils.</u> Will the proposal result in:			
1. Exposure of people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? <u>Project is underground pipeline</u>	—	—	<u>X</u>
2. Any increase in wind or water erosion of soils; either on or off the site? <u>see Initial Study discussion</u>	—	<u>X</u>	—
B. <u>Air.</u> Will the proposal result in:			
1. Air emissions which would substantially deteriorate ambient air quality? <u>Project is the construction of an underground pipeline</u>	—	—	<u>X</u>
2. The exposure of sensitive receptors to substantial pollutant concentrations? <u>underground pipeline project</u>	—	—	<u>X</u>
3. The creation of objectionable odors? <u>Underground pipeline which avoids the creation of objectionable odors by acceptable design</u>	—	—	<u>X</u>
4. The creation of dust? <u>Insignificant but temporary during construction</u>	—	—	<u>X</u>

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	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
5. Any alteration of air movement in the area of the project? <u>see B1</u>	—	—	<u>X</u>
6. A substantial alteration in moisture, or temperature, or any change in climate, either locally or regionally? <u>see B1</u>	—	—	<u>X</u>
C. <u>Hydrology/Water Quality.</u> Will the proposal result in:			
1. Changes in currents, or the course or direction of water movements, in either marine or fresh waters? <u>see Initial Study</u>	—	<u>X</u>	—
2. Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff? <u>see Initial Study</u>	—	<u>X</u>	—
3. Alterations to the course or flow of flood waters? <u>see Initial Study</u>	—	<u>X</u>	—
4. Discharge into surface or ground waters, or in any alteration of surface or ground water quality, including, but not limited to temperature, dissolved oxygen or turbidity? <u>see Initial Study</u>	—	<u>X</u>	—
5. Discharge into surface or ground waters, significant amounts of pesticides, herbicides, fertilizers, gas, oil, or other noxious chemicals? <u>see also Initial Study discussion for human health</u>	—	<u>X</u>	—
6. Change in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake? <u>see Initial Study</u>	—	<u>X</u>	—

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|---|------------|--------------|-----------|
| 7. Exposure of people or property to water related hazards such as flooding?
<u>project is the construction of an</u>
<u>underground pipeline</u> | — | — | <u>X</u> |
| 8. Change in the amount of surface water in any water body?
<u>see C-1</u> | — | — | <u>X</u> |

D. Biology. Will the proposal result in:

- | | | | |
|---|---|----------|---|
| 1. A reduction in the number of any unique, rare, endangered, sensitive, or fully protected species of plants or animals?
<u>see Initial Study/biotechnical</u>
<u>report</u> | — | <u>X</u> | — |
| 2. A substantial change in the diversity of any species of animals or plants?
<u>see Initial Study/biotechnical</u>
<u>report</u> | — | <u>X</u> | — |
| 3. Introduction of invasive species of plants into the area?
<u>see I.S. / biotechnical report</u> | — | <u>X</u> | — |
| 4. Interference with the movement of any resident or migratory fish or wildlife species?
<u>see I.S. / biotechnical report</u> | — | <u>X</u> | — |
| 5. In impact on a sensitive habitat, including, but not limited to streamside vegetation, oak woodland, vernal pools, coastal salt marsh, lagoon, wetland, or coastal sage scrub or chaparral?
<u>see I.S. / biotechnical report</u> | — | <u>X</u> | — |
| 6. Deterioration of existing fish or wildlife habitat?
<u>see I.S. / biotechnical report</u> | — | <u>X</u> | — |

E. Noise. Will the proposal result in:

- | | | | |
|--|---|---|----------|
| 1. A significant increase in the existing ambient noise levels?
<u>project is the construction of an</u>
<u>underground pipeline</u> | — | — | <u>X</u> |
|--|---|---|----------|

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	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
2. Exposure of people to noise levels which exceed the City's adopted noise ordinance? <u>see E1</u>	—	—	<u>X</u>
3. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan? <u>see E1</u>	—	—	<u>X</u>
F. <u>Light, Glare and Shading.</u> Will the proposal result in:			
1. Substantial light or glare? <u>underground pipeline project</u>	—	—	<u>X</u>
2. Substantial shading of other properties? <u>see F1</u>	—	—	<u>X</u>
G. <u>Land Use.</u> Will the proposal result in:			
1. A land use which is inconsistent with the adopted community plan land use designation for the site? <u>specific location of utility lines not addressed in Comm. Plan</u>	—	—	<u>X</u>
2. A conflict with the goals, objectives and recommendations of the community plan in which it is located? <u>see G1</u>	—	—	<u>X</u>
3. A conflict with adopted environmental plans for the area? <u>see G1</u>	—	—	<u>X</u>
4. Land uses which are not compatible with aircraft accident potential as defined by a SANDAG Airport Land Use Plan (ALUC)? <u>N/A</u>	—	—	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
H. <u>Natural Resources.</u> Will the proposal result in:			
1. The prevention of future extraction of sand and gravel resources? <u>no documented sand/gravel resources in the area</u>	—	—	X
2. The conversion of agricultural land to nonagricultural use or impairment of the agricultural productivity of agricultural land? <u>no ag land documented in the project area</u>	—	—	X
I. <u>Recreational Resources:</u> Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities? <u>pipeline for public utility</u>			
	—	—	X
J. <u>Population.</u> Will the proposal alter the planned location, distribution, density, or growth rate of the population of an area? <u>see I. above</u>			
	—	—	X
K. <u>Housing.</u> Will the proposal affect existing housing in the community, or create a demand for additional housing? <u>see I. above</u>			
	—	—	X
L. <u>Transportation/Circulation.</u> Will the proposal result in:			
1. Traffic generation in excess of specific/community plan allocation? <u>public utility project would not generate need or additional trips</u>	—	—	X
2. An increase in projected traffic which is substantial in relation to the capacity of the street system? <u>see 1.</u>	—	—	X
3. An increased demand for off-site parking? <u>see Initial Study</u>	—	X	—
4. Effects on existing parking? <u>see Initial Study</u>	—	X	—

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
5. Substantial impact upon existing or planned transportation systems? <u>see Initial Study</u>	—	<u>X</u>	—
6. Alterations to present circulation movements including effects on existing public access to beaches, parks, or other open space areas? <u>see Initial Study)</u> <u>traffic study</u>	—	<u>X</u>	—
7. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians? <u>see Initial Study</u>	—	<u>X</u>	—
M. <u>Public Services</u> . Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:			
<u>Project is a public utility sewer pipeline</u> a. Fire protection? <u>N/A</u>	—	—	<u>X</u>
b. Police protection? <u>N/A</u>	—	—	<u>X</u>
c. Schools? <u>N/A</u>	—	—	<u>X</u>
d. Parks or other recreational facilities? <u>N/A</u>	—	—	<u>X</u>
e. Maintenance of public facilities, including roads? <u>N/A</u>	—	—	<u>X</u>
f. Other governmental services? <u>N/A</u>	—	—	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
N. <u>Utilities.</u> Will the proposal result in a need for new systems, or require substantial alterations to existing utilities, including: <i>project is the construction of a public utility sewer pipeline</i>			
a. Power? <u>N/A</u>	—	—	<u>X</u>
b. Natural gas? <u>N/A</u>	—	—	<u>X</u>
c. Communications systems? <u>N/A</u>	—	—	<u>X</u>
d. Water? <u>N/A</u>	—	—	<u>X</u>
e. Sewer? <u>N/A</u>	—	—	<u>X</u>
f. Storm water drainage? <u>N/A</u>	—	—	<u>X</u>
g. Solid waste disposal? <u>N/A</u>	—	—	<u>X</u>
O. <u>Energy.</u> Will the proposal result in the use of excessive amounts of fuel or energy? <u>underground gravity pipeline</u>	—	—	<u>X</u>
P. <u>Water Conservation.</u> Will the proposal result in:			
1. Use of excessive amounts of water? <u>project is underground sewer line</u>	—	—	<u>X</u>
2. Landscaping which is predominantly non-drought resistant vegetation? <u>minimal or no restoration or landscaping associated w/ project</u>	—	—	<u>X</u>
Q. <u>Neighborhood Character/Aesthetics.</u> Will the proposal result in:			
1. The obstruction of any vista or scenic view from a public viewing area? <u>underground pipeline</u>	—	—	<u>X</u>

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	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
2. The creation of a negative aesthetic site or project? <u>see Q1</u>	—	—	<u>x</u>
3. Project bulk; scale, materials, or style which will be incompatible with surrounding development? <u>see Q1</u>	—	—	<u>x</u>
4. Substantial alteration to the existing character of the area? <u>see Q1</u>	—	—	<u>x</u>
5. The loss of any distinctive or landmark tree(s), or a stand of mature trees? <u>No resources of this type documented in the area</u>	—	—	<u>x</u>
6. Substantial change in topography or ground surface relief features? <u>Project involves restoration of surface features following cut and fill trenching</u>	—	—	<u>x</u>
7. The loss, covering or modification of any unique geologic or physical features such as a natural canyon, sandstone bluff, rock outcrop, or hillside with a slope in excess of 25 percent? <u>None of these resources are documented within the project area</u>	—	—	<u>x</u>
R. <u>Cultural Resources</u> . Will the proposal result in:			
1. Alteration of or the destruction of a prehistoric or historic archaeological site? <u>see Initial Study</u>	—	<u>x</u>	—
2. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site? <u>see R1</u>	—	<u>x</u>	—

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
3. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object? <u>see R1</u>	—	X	—
4. Any impact to existing religious or sacred uses within the potential impact area? <u>see R1</u>	—	X	—
S. <u>Paleontological Resources.</u> Will the proposal result in the loss of paleontological resources? <u>see Initial Study</u>	—	X	—
T. <u>Human Health/Public Safety.</u> Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)? <u>see Initial Study/haz. mat. Report</u>	—	X	—
2. Exposure of people to potential health hazards? <u>see T1</u>	—	X	—
3. A future risk of an explosion or the release of hazardous substances (including but not limited to gas, oil, pesticides, chemicals, radiation, or explosives)? <u>see T1</u>	—	X	—
U. <u>Mandatory Findings of Significance.</u>			
1. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the			

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Yes Maybe No

number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

All Partial Study

— X —

2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time while long-term impacts will endure well into the future.)

— — X

3. Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)

— — X

4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

— — X

INITIAL STUDY CHECKLIST

REFERENCES

A. Geology/Soils

- City of San Diego Seismic Safety Study, Updated June 1983.
- USGS San Diego County Soils Interpretation Study -- Shrink-Swell Behavior, 1969.
- Geology of the San Diego Metropolitan Area, California.
- U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973.
- Site Specific Report: _____

B. Air

- Regional Air Quality Strategies (RAQS) - APCD.
- State Implementation Plan.
- Site Specific Report: _____

C. Hydrology/Water Quality

- Flood Insurance Rate Map (FIRM), September 29, 1989.
- Federal Emergency Management Agency (FEMA), National Flood Insurance Program - Flood Boundary and Floodway Map, September 29, 1989.
- Site Specific Report: _____

D. Biology

- Community Plan - Resource Element
- City of San Diego Vernal Pool Maps
- California Department of Fish and Game Endangered Plant Program - Vegetation of San Diego, March 1985.

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- _____ Sunset Magazine, New Western Garden Book - Rev. ed. Menlo Park, CA - Sunset Magazine.
- _____ Robinson, David L., San Diego's Endangered Species, 1988.
- _____ California Department of Fish and Game, "San Diego Vegetation", March 1985.
- _____ California Department of Fish and Game, "Bird Species of Special Concern in California", June 1978.
- _____ State of California Department of Fish and Game, "Mammalian Species of Special Concern in California", 1986.
- _____ State of California Department of Fish and Game, "California's State Listed Threatened and Endangered Plants and Animals", January 1, 1989.
- _____ Code of Federal Regulations, Title 50, Part 10, "List of Migratory Birds."
- _____ Code of Federal Regulations, Title 50, Part 17, "Endangered and Threatened Wildlife and Plants", January 1, 1989.
- X _____ Site Specific Report: _____

E. Noise

- X _____ Community Plan
- _____ San Diego International Airport - Lindbergh Field CNEL Maps, January 1987 - December 1987.
- _____ Brown Field Airport Master Plan CNEL Maps.
- _____ Montgomery Field CNEL Maps.
- _____ NAS Miramar CNEL Maps, 1976.
- _____ San Diego Association of Governments - San Diego Regional Average Weekday Traffic Volumes 1984-88.
- _____ San Diego Association of Governments - Average Daily Traffic Map, 1989.
- _____ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG, 1989.
- _____ Lindbergh Field Airport Influence Area, SANDAG Airport Land Use Commission.
- X _____ City of San Diego Progress Guide and General Plan.
- _____ Site Specific Report: _____

F. Light, Glare and Shading *N/A*

____ Site Specific Report: _____

G. Land Use

City of San Diego Progress Guide and General Plan.

Community Plan.

____ Airport Land Use Plan.

____ City of San Diego Zoning Maps

____ FAA Determination

H. Natural Resources

____ City of San Diego Progress Guide and General Plan.

____ U.S. Department of Agriculture, Soil Survey - San Diego Area, California, Part I and II, December 1973.

____ California Department of Conservation - Division of Mines and Geology, Mineral Land Classification.

Division of Mines and Geology, Special Report 153 - Significant Resources Maps.

I. Recreational Resources

____ City of San Diego Progress Guide and General Plan.

____ Community Plan.

____ Department of Park and Recreation

____ City of San Diego - A Plan for Equestrian Trails and Facilities, February 6, 1975.

____ City of San Diego - San Diego Regional Bicycling Map

____ City of San Diego - Open Space and Sensitive Area Preservation Study, July 1984.

____ Additional Resources: _____

J. Population

____ City of San Diego Progress Guide and General Plan.

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_____ Community Plan.

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K. Housing

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008108

____ Historical Site Board List.

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S. Paleontological Resources

____ Kennedy, Michael P., and Gary L. Peterson, "Geology of the San Diego Metropolitan Area, California. Del Mar, La Jolla, Point Loma, La Mesa, Poway, and SW 1/4 Escondido 7 1/2 Minute Quadrangles," California Division of Mines and Geology Bulletin 200, Sacramento, 1975.

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T. Human Health/Public Safety

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x Site Specific Report

DEPFORM19
Initial study
Checklist
Revised 5/90

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ATTACHMENT A
MITIGATION MONITORING AND REPORTING PROGRAM
ENCANTO TRUNK SEWER
DEP No. 90-0788

The California Environmental Quality Act (CEQA) requires that a Mitigation Monitoring and Reporting Program be adopted upon certification of an Environmental Impact Report (EIR) in order to ensure that the mitigation measures are carried out. The Mitigation Monitoring and Reporting Program specifies what the mitigation is, when in the process it should be accomplished, and the agency or City department responsible for ensuring that the mitigation is completed.

The Mitigation Monitoring and Reporting Program for the Encanto Trunk Sewer Project falls under the jurisdiction of the City of San Diego. The following is a description of the mitigation, including when it should occur and the departments who would monitor it.

The following measures shall be stated on project construction plans, documents and the Mitigation Monitoring and Reporting Program for the Encanto Trunk Sewer Capital Improvement Project No. 46-163.0.

Cultural Resources

1. The Water Utilities Department shall provide verification that a qualified archaeologist has been retained to implement the archaeological monitoring program. This verification shall be presented in a letter from the archaeologist to the Principal Planner of the Environmental Analysis Section prior to construction activities. (A qualified archaeologist is defined as an individual certified by the Society of Professional Archaeologists.)
2. The qualified archaeologist shall be present on-site during initial trenching to inspect for in-situ sites as specified in b., below. This archaeologist shall be responsible for the following:
 - a. Attend and make comments and/or suggestions concerning the monitoring program and discuss grading plans at any pre-construction meetings;
 - b. Monitor construction excavation and vehicle activity in the following location: along Chollas Creek between 49th Street and Euclid Avenue.

The archaeologist's duties shall encompass four elements: 1) monitoring; 2) evaluation; 3) analysis of collected materials; and 4) preparation of a report. These elements are as follows:

a. Monitoring Program

The qualified archaeologist shall attend any pre-construction meetings to make comments and/or suggestions concerning the

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monitoring program and discuss grading plans with the construction contractor. The archaeologist shall be on-site to monitor all ground disturbance activities and to inspect for additional in-situ archaeological deposits along Chollas Creek between 49th Street and Euclid Avenue.

b. Evaluation Program

In the event that additional archaeological deposits are discovered, the archaeologist shall have the authority to temporarily halt, direct or divert any ground disturbance operations in the area of discovery to allow evaluation of potentially significant archaeological resources. The significance of the discovered resources shall be determined by the archaeologist, in consultation with DEP staff. For significant archaeological resources, a research design and data recovery program shall be prepared and carried out to mitigate impacts. At the time of discovery, the archaeologist shall notify DEP staff. DEP must concur with the evaluation procedures to be performed before construction activities are allowed to resume. Any human bone of Native American origin shall be turned over to the appropriate Native American group for reburial.

c. Analysis of Collected Materials

All collected cultural remains shall be cleaned, catalogued and permanently curated with an appropriate scientific institution. All artifacts shall be analyzed to identify function and chronology as they relate to the history of the area. Faunal materials shall be identified as to species. Specialty studies shall be completed, as appropriate.

d. Report Preparation

A monitoring report (with appropriate graphics) shall be prepared and submitted to DEP summarizing the results of the above program within three months following termination of the archaeological monitoring program.

3. The construction contractor shall notify DEP of any pre-construction meeting dates and of the start and end of construction. Selection of the SOPA-certified archaeologist, or equivalent, shall be approved by DEP.

Implementation of these measures will fully mitigate any impacts resulting from the proposed project on any discovered archaeological resources.

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Paleontological Resources

1. The Water Utilities Department shall provide verification that a qualified paleontologist has been retained to implement the paleontological mitigation program. This verification shall be presented to the Principal Planner of the Environmental Analysis Section of the City Planning Department prior to construction activities. (A qualified paleontologist is defined as an individual with an MS or Ph.D. degree in paleontology or geology and who is a recognized expert in the application of paleontological principles.)
2. The qualified paleontologist shall attend the pre-construction meeting to discuss mitigation procedures with the grading and excavation contractors. The requirements for paleontological monitoring shall also be noted on the construction plans.

Paleontological monitoring shall be required in the following areas:

- a) as the sewer pipeline alignment parallels Castana Street between 47th Street and the east end of the El Rey Gardens Trailer Park.
- b) in the area of San Miguel Street and 41st Street between Ocean View Avenue and Boston Avenue.

a. Monitoring Program

A paleontological monitor shall be on-site during the original cutting of previously undisturbed sediments to inspect for contained fossils. This is necessary to determine the nature of the material and to determine the extent of fossils present. The material also shall be screened for any vertebrate remains. The monitoring shall be at least half-time at the beginning of grading and the time either increased or decreased, depending on the initial results. (A paleontological monitor is defined as an individual who has experience in the collection of salvage of fossil materials.) The paleontological monitor should work under the direction of the qualified paleontologist.

b. Salvaging Program

In the event that well-preserved fossils are discovered, the paleontologist (or paleontological monitor) shall have the authority to temporarily direct, divert, or halt construction activities in the area of discovery to allow recovery of fossil remains in a timely fashion. This is anticipated to be a minimum of one hour to a maximum of two days.

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c. Preparation Program

Fossil remains shall be cleaned, sorted, and catalogued, and then shall be deposited in a scientific institution, such as the San Diego Natural History Museum, with paleontological collections.

- d. A brief letter report (with map showing site locations) shall be prepared and submitted to the Principal Planner of the Environmental Analysis Section summarizing the results of the above program within three months following the termination of the paleontological program.

Implementation of the measures will fully mitigate any impacts to paleontological resources resulting from the project.

Biological Resources

1. The Water Utilities Department shall provide verification that a qualified biologist has been retained to serve as project biologist for the purpose of implementing the biological mitigation program. This verification (letter) shall be presented to the Development and Environmental Planning Division of the City Planning Department prior to construction activities. (A qualified biologist, in this case, would be one experienced in the state-of-the-art revegetation techniques.)
2. The project biologist shall attend the pre-construction meeting to consult with the grading and excavating contractors. The project biologist duties shall encompass the following activities: monitoring, maintenance, and reporting. These activities are:
 - a. Monitoring, Maintenance, and Reporting
 - o Monitor the revegetation of the area of Diegan coastal sage scrub disturbed during construction between the El Rey Gardens Trailer Park and the Euclid Avenue trolley station. The Revegetation Plan is attached.
 - o Monitor the revegetated area at six-month intervals for three years and report results to the Development and Environmental Planning Division, Planning Department, City of San Diego. These reports will describe the status of the revegetation effort (i.e., plant height, plant recruitment, regrowth, establishment, vegetative cover, density) and discuss steps, if necessary, to remedy any identified problem areas. Such measures may include, but not be limited to replacement of failed vegetation, additional planting, pest species removal, irrigation modification, and erosion control.

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3. The attached Revegetation Plan shall be implemented.

Upon successful completion of the above measures, no further work is required and the Mitigation Monitoring and Reporting Program shall be considered complete.

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REVEGETATION PLAN

This plan shall incorporate the following planting techniques and shall be in conformance with the City's Landscape Technical Manual:

1. Brushed or grubbed plant material shall be stockpiled and mulched without mixing any soil. This plant material shall be stockpiled on-site for reapplication over the construction areas. This stockpiling activity shall be monitored by the project biologist.
2. The compaction of the soil in the pipeline trench shall avoid the top one-foot of fill to allow for better root growth. Otherwise, structural recompaction of the soils would not be of benefit for regrowth of planted materials.
3. Seeds shall be applied by hydroseeding or suitable handseeding methods.
4. Planting of all unirrigated material shall be done between the months of November and February to allow for maximum success of the revegetation efforts.
5. Monitoring of the revegetation efforts shall occur every six months for three years. A goal of 20 percent plant cover shall be achieved the first year and 30 percent the next year. If these goals are not met, problems shall be identified and remedial action taken EARLY in the monitoring and reporting process.

Plant material shall include but not be limited to the following species:

Species	Application Rate (Pounds Per Acre)
<u>Artemisia californica</u> (California sagebrush)	2
<u>Encelia californica</u> (bush daisy)	2
<u>Haplopappus squarrosus</u> (Sawtooth goldenbush)	1
<u>Viguiera laciniata</u> (San Diego sunflower)	2
<u>Eriogonum fasciculatum</u> (Flat-top buckwheat)	8
<u>Salvia mellifera</u> (Black sage)	2
<u>Rhamnus crocea</u> (Redberry)	2
<u>Stipa coronata</u> (Giant stipa)	2
<u>Stipa lepida</u> (Foothill stipa)	2
<u>Festuca megaleura</u> (Fescue)	<u>6</u>
Total	29
	lbs./acre

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Passed and adopted by the Council of The City of San Diego on.....
by the following vote:

MAY 03 1993

Council Members	Yeas	Nays	Not Present	Ineligible
Abbe Wolfsheimer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ron Roberts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John Hartley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
George Stevens	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tom Behr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valerie Stallings	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Judy McCarty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Juan Vargas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mayor Susan Golding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AUTHENTICATED BY:

(Seal)

SUSAN GOLDING
Mayor of The City of San Diego, California.

CHARLES G. ABDELNOUR
City Clerk of The City of San Diego, California.

By *Mary Cepeda* Deputy.

Office of the City Clerk, San Diego, California

Resolution Number *R-281893* Adopted MAY 03 1993