

Decision 89 05 058 MAY 26 1989

ORIGINAL

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of the State of California,
Department of Transportation for an order
authorizing the Department to: Remove
existing structures and replace with new
single structure (stage construction) at
separated grades on Interstate Route 5,
known as "Irvine Overhead", over the
Atchison, Topeka and Santa Fe Railway
Company's Main Line track, and to remove
(permanently) existing structure at
separated grades known as South Tustin
Underpass, which carried Santa Fe's track
(abandoned) over Interstate 5, all
as part of a proposed project to widen
Interstate 5 to twelve lanes between
State Route 55 and Interstate Route 405,
in Orange County, California.

Application 88-07-034
(Filed July 18, 1988)

OPINION

As part of the project to widen, reconstruct and improve Interstate 5 (I-5) Santa Ana Freeway to twelve lanes between State Route 55 (SR-55) and Interstate Route 405 (I-405) San Diego Freeway, the State of California, Department of Transportation (Caltrans) requests authority to remove existing structures and replace with a new single structure, known as the Irvine Overhead over the tracks of The Atchison, Topeka and Santa Fe Railway Company's (AT&SF) Main Line in Orange County. Authority is also requested to permanently remove the existing South Tustin Underpass under the now abandoned AT&SF Katherine spur track in Tustin, Orange County.

The proposed reconstruction and widening of the Irvine Overhead will provide additional traffic lanes and shoulder areas to the grade separation to increase vehicular traffic capacity and reduce traffic congestion. The new overhead will be a two span, cast-in-place prestressed concrete box girder structure.

Caltrans is the lead agency for this project under the California Environmental Quality Act of 1970 (CEQA), as amended, Public Resources (PR) Code Sections 21000, et seq. Caltrans has determined that the project is categorically exempt from CEQA under PR Code Section 21080.13.

The Commission is a responsible agency for this project under CEQA and has reviewed and considered the lead agency's exemption determination.

The site of the proposed project has been inspected by the Commission Safety Division Traffic Engineering staff. The staff has examined the need to reconstruct the existing inadequate structure and recommends that the new improved overhead grade separation and removal of abandoned South Tustin Underpass be approved.

By motion filed October 12, 1988, AT&SF requested that it be permitted to file its protest to Application 88-07-034 late. The motion was granted by Examiner's Ruling. The AT&SF withdrew its protest on April 13, 1989, there are no other unresolved matters. A public hearing is not necessary.

Findings of Fact

1. Caltrans requests authority under Public Utilities Code Sections 1201-1205 to remove, reconstruct and widen the existing Irvine Overhead I-105 to twelve lanes over the tracks of AT&SF's main line in Orange County. Authority is also requested to permanently remove the existing South Tustin Underpass under the tracks of the abandoned AT&SF Katharine spur track in Tustin, Orange County.

2. Removal, reconstruction and widening of the Irvine Overhead and permanent removal of the South Tustin Underpass is required as part of the improvement of I-5 between SR-55 and I-405.

3. Public convenience, necessity, and safety require removal and reconstruction of the Irvine Overhead and removal of South Tustin Underpass.

4. Caltrans is the lead agency for this project under CEQA, as amended.

5. The Commission is a responsible agency for this project and has reviewed and considered the lead agency's exemption determination.

6. It can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment.

Conclusions of Law

1. The application should be granted as set forth in the following order.

2. The activity is not covered by the requirements set forth in CEQA and, therefore, the Guidelines (14 Cal. Admin. Code-Div. 6) concerning the evaluation of projects and the preparation and review of environmental documents do not apply.

O R D E R

IT IS ORDERED that:

1. The State of California, Department of Transportation, (Caltrans), is authorized to remove and reconstruct Irvine Overhead at separated grades over the tracks of The Atchison, Topeka and Santa Fe Railway Company's (AT&SF) Main Line in Orange County, identified as Crossing 2-183.20-A. In addition, Caltrans is also authorized to remove the South Tustin Underpass under the abandoned AT&SF Katharine spur track in Tustin, Orange County, identified as Crossing 2-179.80-BC. The proposed grade separation alteration projects are at the location and substantially as shown by plans attached to the application and Appendix A of this order.

2. Clearances shall be in accordance with General Order (GO) 26-D, except that during the period of construction a clearance of not less than 21'-6" above top of rail shall be authorized, AT&SF shall be authorized to operate with such reduced overhead clearance

provided that instructions are issued by the railroad and filed with the Commission forbidding employees to ride on tops of cars beneath the structure.

3. Caltrans shall notify the Commission and AT&SF at least 15 but not more than 30, days in advance of the date when the temporary impaired clearance will be created.

4. Walkways shall conform to GO 118. Walkways adjacent to any trackage subject to rail operations shall be maintained free of obstructions and shall be promptly restored to their original condition in the event of damage during construction.

5. Construction and maintenance costs shall be borne in accordance with an agreement which has been entered into between the parties. A copy of the agreement, together with plans of the crossings approved by AT&SF, shall be filed with the Commission prior to commencing construction. Should the parties fail to agree, the Commission will apportion the costs of construction and maintenance by further order.

6. Within 30 days after completion of the work under this order, Caltrans shall notify the Commission in writing that the authorized work has been completed.

7. This authorization shall expire if not exercised within three years unless time is extended or if the above conditions are not complied with. Authorization may be revoked or modified if public convenience, necessity, or safety so require.

8. The application is granted as set forth above.
This order becomes effective 30 days from today.
Dated MAY 26 1989, at San Francisco, California

G. MITCHELL WILK
President
FREDERICK R. DUDA
STANLEY W. HULETT
JOHN B. OHANIAN
PATRICIA M. ECKERT
Commissioners

I CERTIFY THAT THIS DECISION
WAS APPROVED BY THE ABOVE
COMMISSIONERS TODAY.

Victor Weissert
Victor Weissert, Executive Director

C
THE NEXT

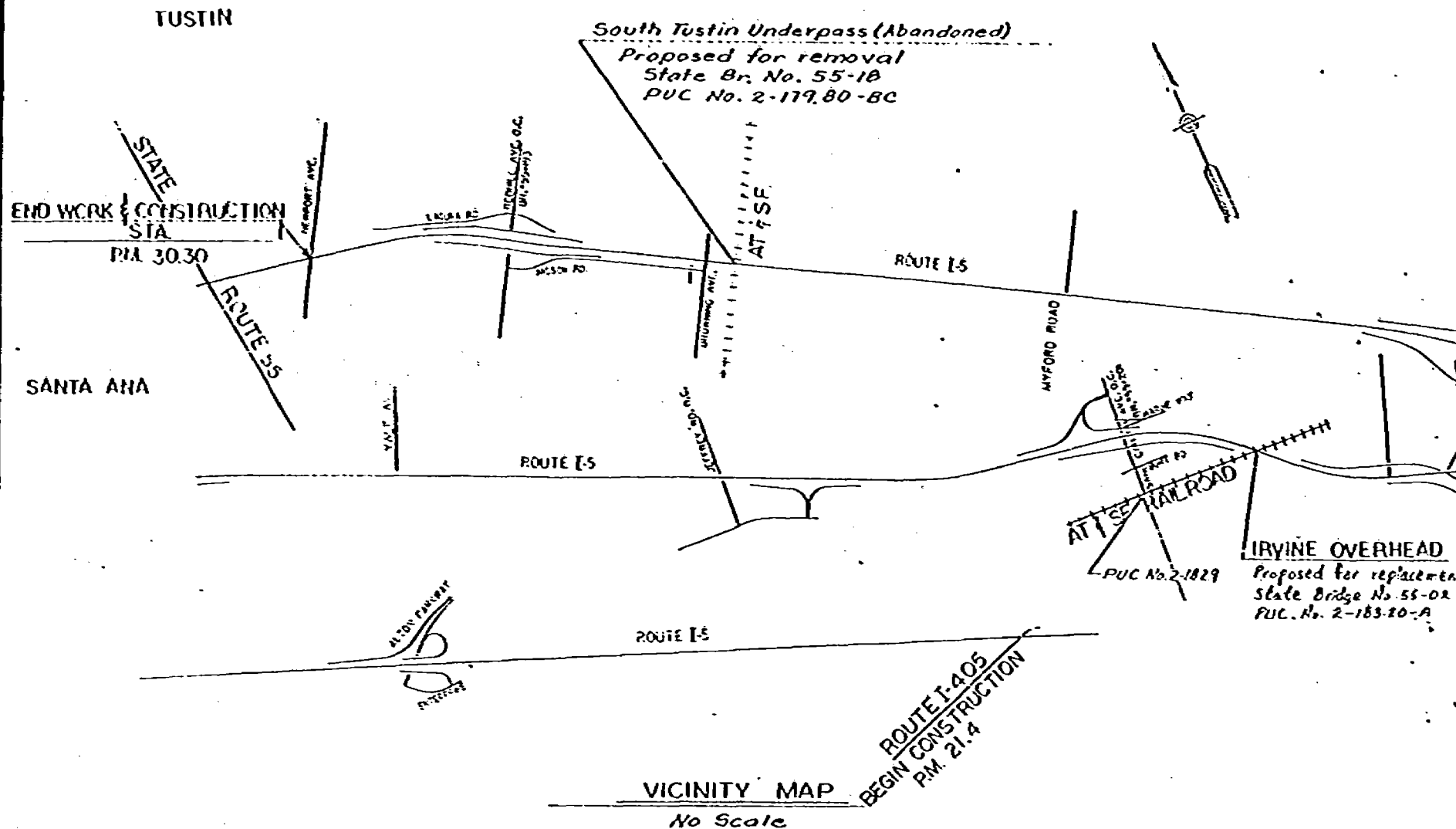
3

DOCUMENTS ARE

POOR ORIGINALS

MICROFILMING SERVICES

*will not assume responsibility
for the image quality*



5+272-50.00 P.V.C.
Elev. 259.62

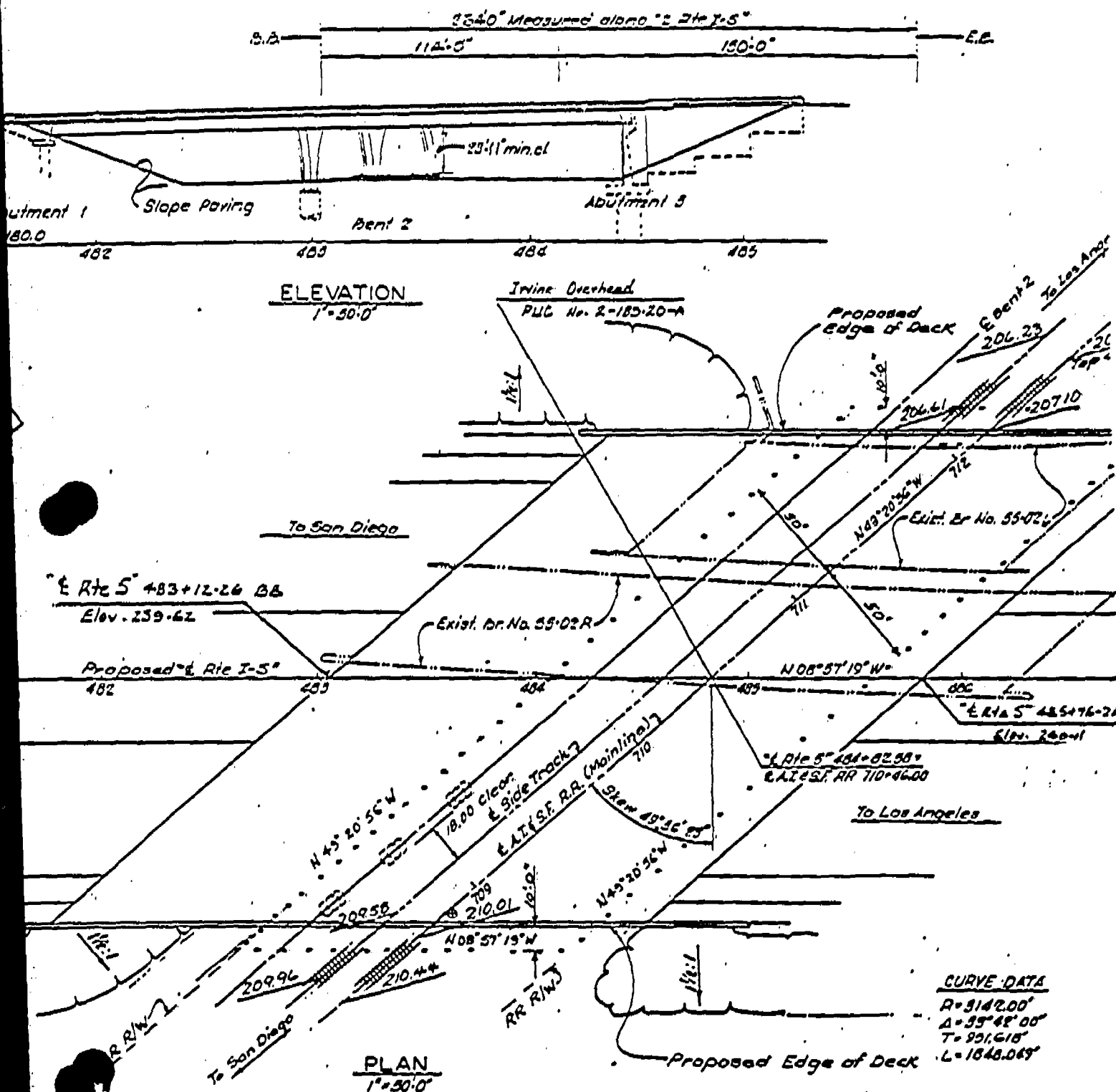
5+272-50.00 P.V.C.
Elev. 259.62

-8.00%

1400' V.C. $R_2 = 22567'$ per Station

-0.30%

PROFILE GRADE



DESIGN	BY	DATE	LAST FACTOR	DATE	STATE OF CALIFORNIA
DETAILS	BY	DATE	LAYOUT	DATE	DEPARTMENT OF TRANSPORT
QUANTITIES	BY	DATE	SPECIFICATIONS	DATE	

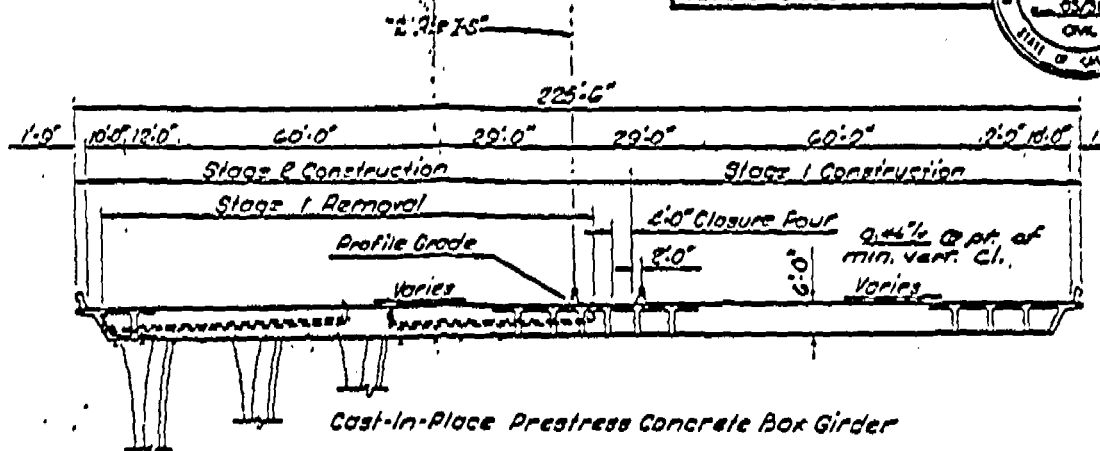
GENERAL SCALE IN INCHES
FOR FIELD PLANS

Sta. 485+00 EVC
Elev. 259.95
-0.30 %

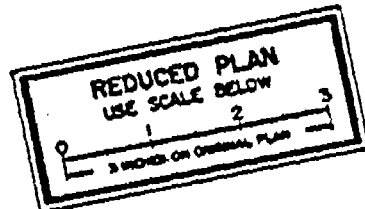
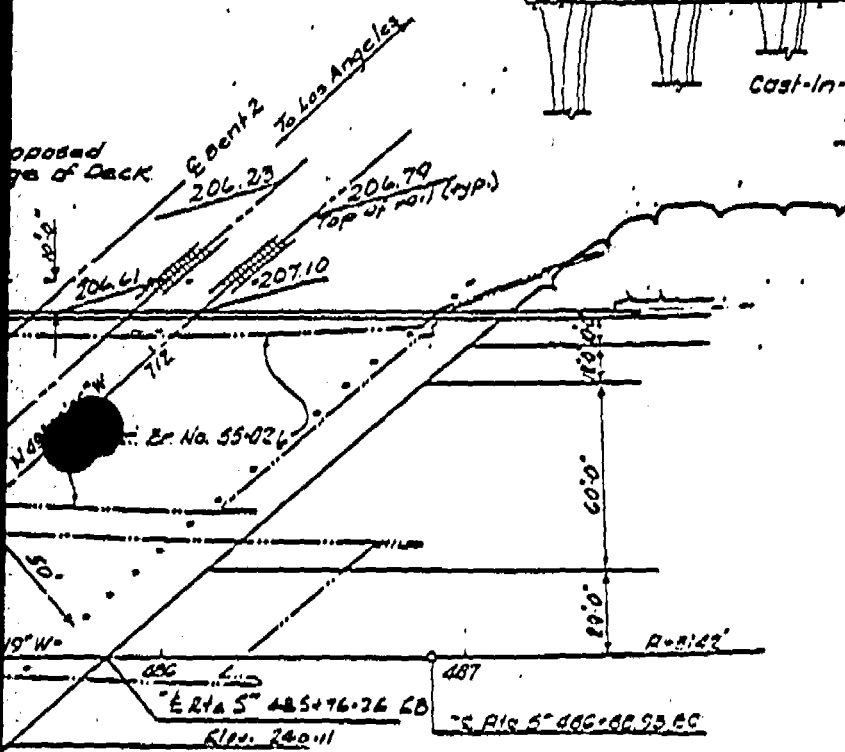
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.
12	Orca	5	21-4/30-3	

CHIEF, OFFICE OF STRUCTURE DESIGN
REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE



TYPICAL SECTION
1" = 20'-0"



Railroad Traffic Falsework Openings..

Min. Vert. Clear	Horiz. Clear
21'-6"	Railroad 35'-0"
15'-0"	Maint. Rd. 20'-0"

⊕ POINT OF MINIMUM VERTICAL CLEARANCE

.... Limits of Total Easement Area Needed for New Construction.

INCOMPLETE PLAN
FOR DESIGN STUDY
PRINTED
JAN 29 1981
Office of Structure Design
STATE OF CALIFORNIA

CURVE DATA
R=3142.00'
Δ=35°42'00"
T=991.610'
L=1048.049'

EXHIBIT "B"

State of
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES
STRUCTURE DESIGN

Redeveloped

PROJECT NO.
55-0008
SHEET NO.
25.25

IRVINE OVERHEAD - REPLACEMENT
PUBLIC UTILITIES COMMISSION SHE

CU 3720
EA 050481

7/1/81