

S/RRT/jae

ORIGINAL

Decision 90 05 074 MAY 22 1990

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of
LOS ANGELES COUNTY TRANSPORTATION
COMMISSION

for an order authorizing the construc-
tion of one light rail vehicle track
at grade along Long Beach Boulevard
and across Eighth Street, Seventh
Street, Sixth Street, Fifth Street
Pedestrian Crossing, Fourth Street,
Third Street, Broadway, and southbound
vehicle lanes at First Street; and
along First Street across Locust
Avenue and Pine Avenue; and along
Pacific Avenue across the northbound
vehicle lanes of Pacific Avenue,
driveway, Broadway, Third Street,
Fourth Street, Fifth Street, Sixth
Street, Seventh Street, and Eighth
Street, and the northbound vehicle
lanes of Pacific Avenue; and along
Eighth Street across Pine Avenue,
Locust Street and across the south-
bound vehicle lanes of Long Beach
Boulevard and authorizing the
construction of a second light rail
vehicle track at grade along First
Street across Pine Avenue and along
Pacific Avenue across the northbound
vehicle lanes in the City of Long
Beach, of California.

Application 89-12-045
(Filed December 28, 1989)

O P I N I O N

As part of the project to construct a light rail transit (LRT) system, the Los Angeles County Transportation Commission (LACTC) requests authority to construct one light rail vehicle track at grade along Long Beach Boulevard and across Eighth Street, Seventh Street, Sixth Street, Fifth Street Pedestrian Crossing,

Fourth Street, Third Street, Broadway, and southbound vehicle lanes at First Street across Locust Avenue and Pine Avenue; and along Pacific Avenue across the northbound vehicle lanes of Pacific Avenue, driveway, Broadway, Third Street, Fourth Street, Fifth Street, Sixth Street, Seventh Street, and Eighth Street, and the northbound vehicle lanes of Pacific Avenue; and along Eighth Street across Pine Avenue, Locust Street and across the southbound vehicle lanes of Long Beach Boulevard and authorizing the construction of a second light rail vehicle track at grade along First Street across Pine Avenue and along Pacific Avenue across the northbound vehicle lanes in Long Beach, Los Angeles County.

The Long Beach-Los Angeles Rail Transit project is part of an on-going transit development process in which the Long Beach-Los Angeles Corridor and thirteen other corridors have been identified as candidates for transit improvements. The project is being planned as a conventional LRT system from downtown Los Angeles to downtown Long Beach to serve between 54,000 and 76,000 passengers per day. A variety of impacts were identified, both beneficial and adverse. Mitigation measures will either eliminate or reduce the severity of the adverse impacts to acceptable levels.

LACTC is the lead agency for this project under the California Environmental Quality Act of 1970 (CEQA), as amended, Public Resources Code Sections 21000, et seq. After preparation and review of an Environmental Impact Report (EIR), LACTC approved the project. On March 29, 1985, a Notice of Determination was filed with the Secretary for Resources and with the Los Angeles County Clerk which found that "The Project will have a significant effect on the environment." A Statement of Overriding Considerations was adopted for the project.

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

The site of the project has been inspected by the Commission's Safety Division Traffic Engineering staff. In

addition, over a three-year period meetings and conferences have been held by various governmental agencies and consulting engineers to review and discuss LACTC's proposals with respect to traffic signals for light rail vehicles (LRVs) and motor vehicles.

Light rail transit signals will be actuated by the same traffic signal controls that actuate the motor vehicle and pedestrian traffic signals. The aspects of the transit signals will be red, yellow and lunar white. The heads will be programmed so that they will be visible only to the light rail transit operators. Aspects of the transit and motor vehicle signals will be changed to direct the movement of conflicting routes of transit vehicles, motor vehicles and pedestrians.

LACTC has met the filing requirements of the Commission's Rules of Practice and Procedure including Rule 40, which relates to the construction of a railroad track across a public highway. Drawings of the LRV track location and street geometrics are in the appendix attached to this order.

LACTC wishes to commence construction of this portion of its LRT system at the earliest possible date. It is therefore requested that the usual 30-day effective date be waived. We will make our order effective immediately.

Notice of the application was published in the Commission's Daily Calendar on January 4, 1990. No protests have been received. A public hearing is not necessary.

Findings of Fact

1. LACTC requests authority under Public Utilities Code Sections 1201-1205 to construct one light rail vehicle (LRV) track, along Long Beach Boulevard and across Eighth Street, Seventh Street, Sixth Street, Fifth Street Pedestrian Crossing, Fourth Street, Third Street, Broadway, and southbound vehicle lanes at First Street; and along First Street across Locust Avenue and Pine Avenue; and along Pacific Avenue across the northbound vehicle

lanes of Pacific Avenue, driveway, Broadway, Third Street, Fourth Street, Fifth Street, Sixth Street, Seventh Street, and Eighth Street, and the northbound vehicles of Pacific Avenue; and along Eighth Street across Pine Avenue, Locust Street and across the southbound vehicle lanes of Long Beach Boulevard and authorizing the construction of a second light rail vehicle track at grade along First Street across Pine Avenue and along Pacific Avenue across the northbound vehicle lanes (23 crossings), all at grade as set forth in the appendix, in Long Beach, Los Angeles County.

2. Construction of the LRV track at grade along Long Beach Boulevard (eight crossings), First Street (three crossings), Pacific Avenue (eight crossings), and Eighth Street (four crossings), as set forth in the appendix, is an essential element in the construction of the LRV system.

3. Public convenience and necessity require construction of the track at grade along Long Beach Boulevard, First Street, Pacific Avenue, and Eighth Street, across twenty-three crossings, as set forth in the appendix.

4. Public safety requires that light rail transit signals will be actuated by the same traffic signal controls that actuate the motor vehicle and pedestrian traffic signals. The aspects of the transit signals will be red, yellow and lunar white. The heads will be programmed so that they will be visible only to the light rail transit operators. Aspects of the transit and motor vehicle signals will be changed to direct the movement of conflicting routes of transit vehicles, motor vehicles and pedestrians in accordance with the phase diagrams in LACTC's application.

5. LACTC is the lead agency for this project under CEQA, as amended.

6. The Commission is a responsible agency for this project and has reviewed and considered the lead agency's EIR.

7. The Long Beach-Los Angeles Rail Transit Project will have a significant impact on the environment; however, mitigation

measures will either eliminate or reduce the severity of the adverse impacts to acceptable levels.

8. A Statement of Overriding Considerations was adopted for the project.

Conclusions of Law

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

2. The usual 30-day effective date on an order should be waived as LACTC wishes to commence construction of the project at the earliest possible date.

O R D E R

IT IS ORDERED that:

1. The Los Angeles County Transportation Commission (LACTC) is authorized to construct an LRV track across Long Beach Boulevard, First Street, Pacific Avenue, and Eighth Street in Long Beach, Los Angeles County, as set forth in the appendix.

2. Construction of the crossings shall be equal or superior to Standard No. 1 of General Order (GO) 72-B.

3. Clearances and walkways shall conform to GO 143.

4. Protection at the crossings shall be light rail transit signals actuated by the same traffic signal controls that actuate the motor vehicle and pedestrian traffic signals. The transit and motor vehicle signals will be changed to direct the movement of conflicting routes of light rail transit vehicles, motor vehicles and pedestrians.

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 has been filed with the Commission.

6. Within 30 days after completion of the work under this order, LACTC shall notify the Commission's Safety Division 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.

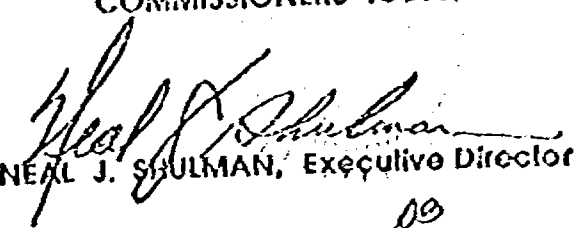
This order is effective today.

Dated MAY 22 1990, at San Francisco, California

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

Commissioner Frederick R. Duda,
being necessarily absent, did
not participate.

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


NEAL J. SHULMAN, Executive Director

APPENDIX

As part of the project to construct a light rail system, the Los Angeles County Transportation Commission (LACTC) requests authority to construct one light rail vehicle track at grade along Long Beach Boulevard and across Eighth Street, Seventh Street, Sixth Street, Fifth Street Pedestrian Crossing, Fourth Street, Third Street, Broadway, and southbound vehicle lanes at First Street across Locust Avenue and Pine Avenue; and along Pacific Avenue across the northbound vehicle lanes of Pacific Avenue, driveway, Broadway, Third Street, Fourth Street, Fifth Street, Sixth Street, Seventh Street, and Eighth Street, and the northbound vehicle lanes of Pacific Avenue; and along Eighth Street across Pine Avenue, Locust Street and across the southbound vehicle lanes of Long Beach Boulevard and authorizing the construction of a second light rail vehicle track at grade along First Street across Pine Avenue and along Pacific Avenue across the northbound vehicle lanes in Long Beach, Los Angeles County.

Full details for the twenty-three crossings are indicated on plans attached to the application and more particularly as set forth below:

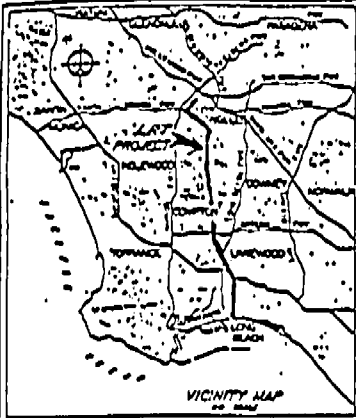
| <u>Crossing No.</u> | <u>Street Name</u> | <u>Crossing Protection</u> |
|---------------------|-------------------------|----------------------------|
| 84L-20.5 | Eighth Street | Traffic signals with LRT |
| 84L-20.6 | Seventh Street | controlled signals. |
| 84L-20.7 | Sixth Street | " |
| 84L-20.8D | Fifth Street | See note No. 2. |
| 84L-20.9 | Fourth Street | Traffic signals with LRT |
| 84L-20.96 | Third Street | controlled signals. |
| 84L-21.0 | Broadway | " |
| 84L-21.1 | Long Beach Boulevard | " |
| 84L-21.2 | Locust Avenue-Promenade | " |
| 84L-21.3 | Pine Avenue | " |

| <u>Crossing No.</u> | <u>Street Name</u> | <u>Crossing Protection</u> |
|---------------------|----------------------|--|
| 84L-21.4 | Pacific Avenue | Traffic signals with LRT controlled signals. |
| 84L-21.45D | Driveway | Left turn pocket. |
| 84L-21.5 | Broadway | Traffic signals with LRT controlled signals. |
| 84L-21.55 | Third Street | " |
| 84L-21.6 | Fourth Street | " |
| 84L-21.7 | Fifth Street | " |
| 84L-21.8 | Sixth Street | " |
| 84L-21.9 | Seventh Street | " |
| 84L-21.96 | Eighth Street | " |
| 84L-21.97 | Pacific Avenue | " |
| 84L-22.0 | Pine Avenue | " |
| 84L-22.1 | Locust Avenue | " |
| 84L-22.2 | Long Beach Boulevard | " |

NOTES

1. Light rail vehicle movements will be governed by LRT signals which will be activated by the vehicular traffic signal system.

2. Vehicular traffic and LRT signals at the pedestrian crossing proposed number 84L-20.8D will normally indicate proceed for vehicular traffic and for LRT. "Don't Walk" indicators will govern pedestrian traffic. Pedestrian push buttons will cause vehicle and LRT signals to indicate "Stop" and change pedestrian signals to "Walk."



VICINITY MAP

| CROSSING NAME | PROP. LACTC | CROSSING NO. |
|--|---------------------|--------------|
| 8TH ST/LONG BEACH BLVD | 84L - 20.5 & 22.2 | |
| 7TH ST/LONG BEACH BLVD | 84L - 20.6 | |
| 6TH ST/LONG BEACH BLVD | 84L - 20.7 | |
| 5TH ST/LONG BEACH BLVD PEDESTRIAN CROSSING | 84L - 20.8D | |
| 4TH ST/LONG BEACH BLVD | 84L - 20.9 | |
| 3RD ST/LONG BEACH BLVD | 84L - 20.96 | |
| BROADWAY /LONG BEACH BLVD | 84L - 21.0 | |
| FIRST ST/LONG BEACH BLVD | 84L - 21.1 | |
| THE PROMENADE/FIRST ST - LOCUST AVE | 84L - 21.2 | |
| PINE AVE/FIRST ST | 84L - 21.3 | |
| PACIFIC AVE/FIRST ST | 84L - 21.4 | |
| DRIVEWAY | 84L - 21.45D | |
| BROADWAY/PACIFIC AVE | 84L - 21.5 | |
| 3RD ST/PACIFIC AVE | 84L - 21.55 | |
| 4TH ST/PACIFIC AVE | 84L - 21.6 | |
| 5TH ST/PACIFIC AVE | 84L - 21.7 | |
| 6TH ST/PACIFIC AVE | 84L - 21.8 | |
| 7TH ST/PACIFIC AVE | 84L - 21.9 | |
| 8TH ST/PACIFIC AVE | 84L - 21.96 & 21.97 | |
| PINE ST/8TH ST | 84L - 22.0 | |
| LOCUST AVE/8TH ST | 84L - 22.1 | |

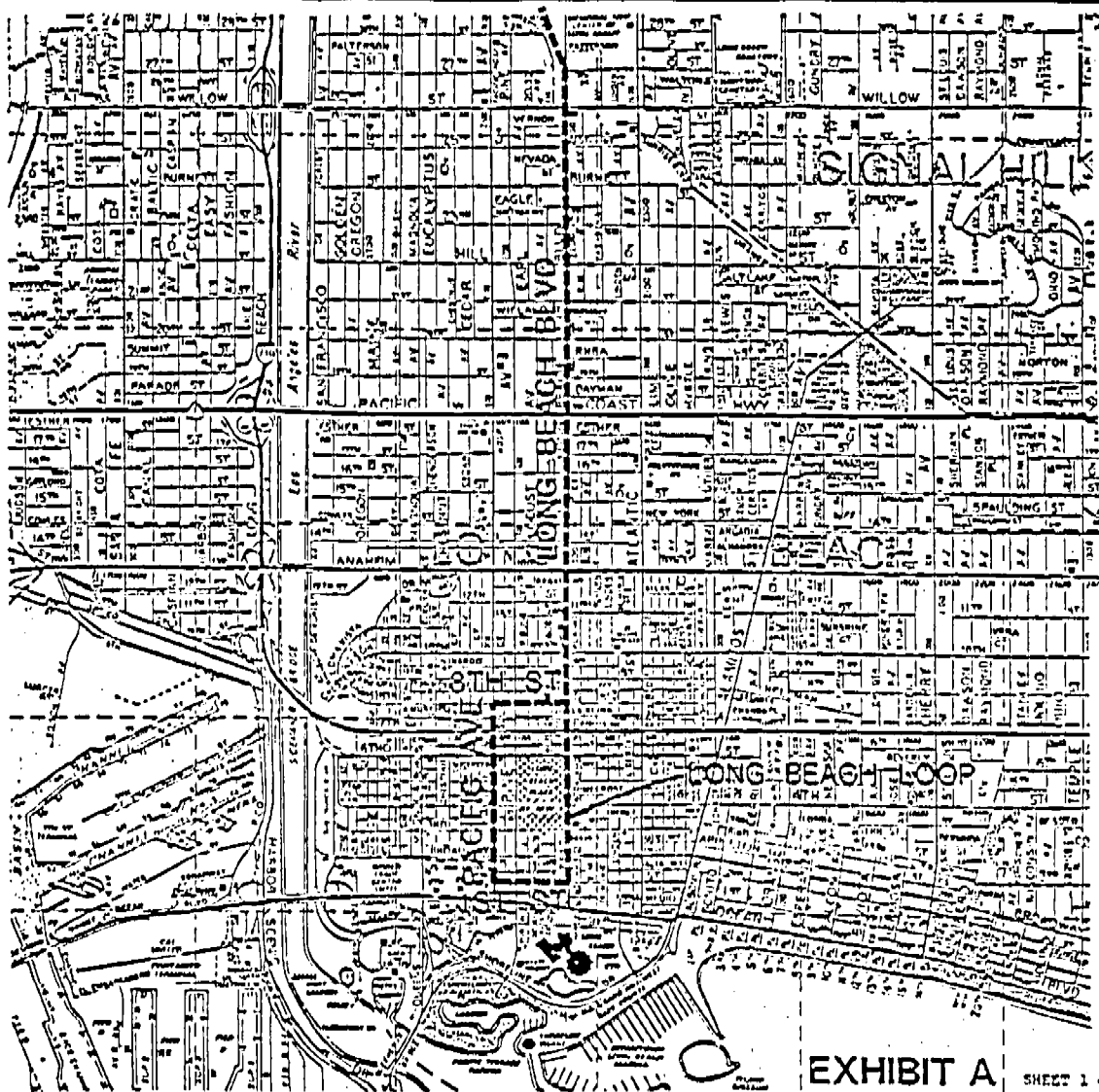


EXHIBIT A SHEET 1 of 2

A.89-12-045 S/RRT/jae

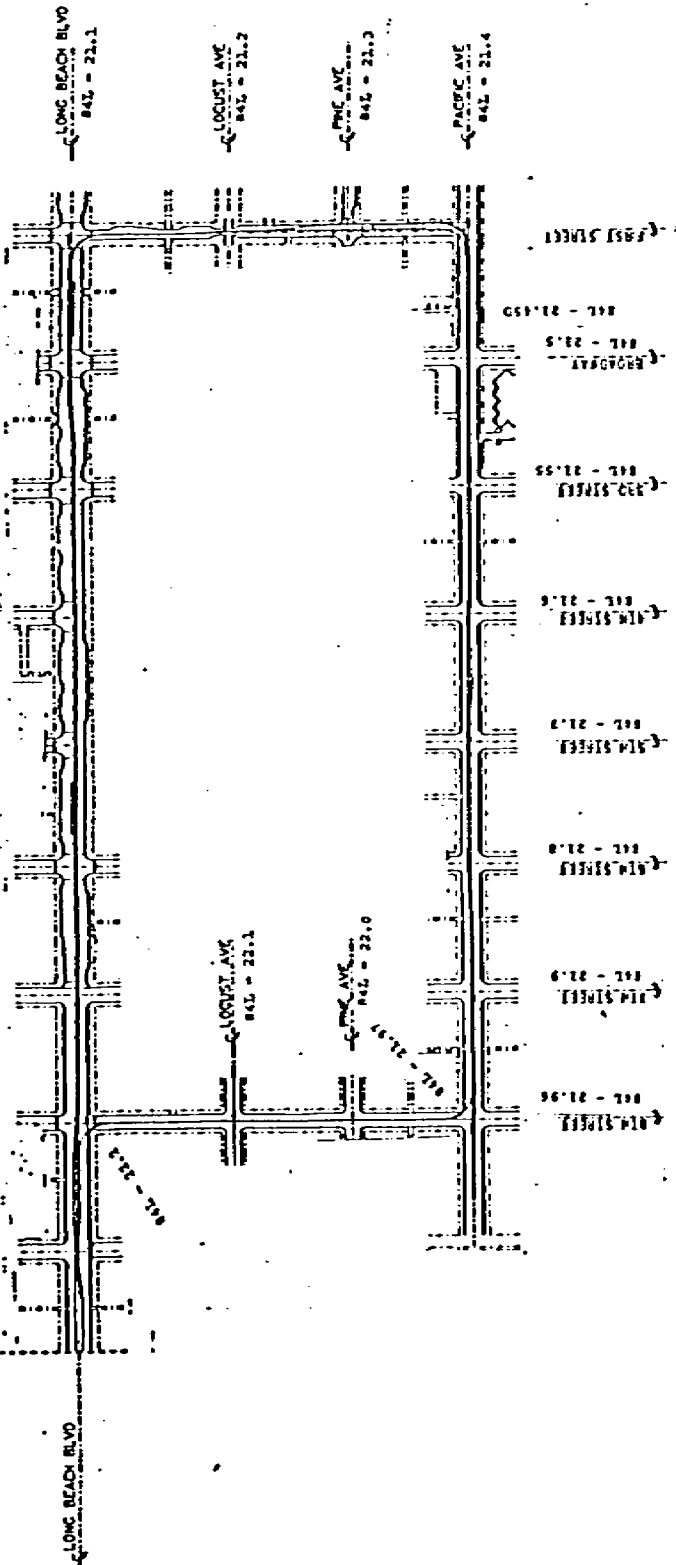
Appendix
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LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach-Los Angeles Rail Transit Project

Southern California Rail Commission
Southern California Rail Commission

KEY PLAN
LONG BEACH LOOP

Scale: N.T.S.



LONG BEACH LOOP
PROPOSED CYCLE NUMBERS
LRT KEY PLAN

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
The Long Beach, Los Angeles and Torrance Projects

DRAWN

DATE: 12/15/89
BY: [Signature]

BECA CONTRACT
AD-T0-C3270
58 TMC STA 053+00

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|

TYPICAL LRT TRAFFIC SIGNALS

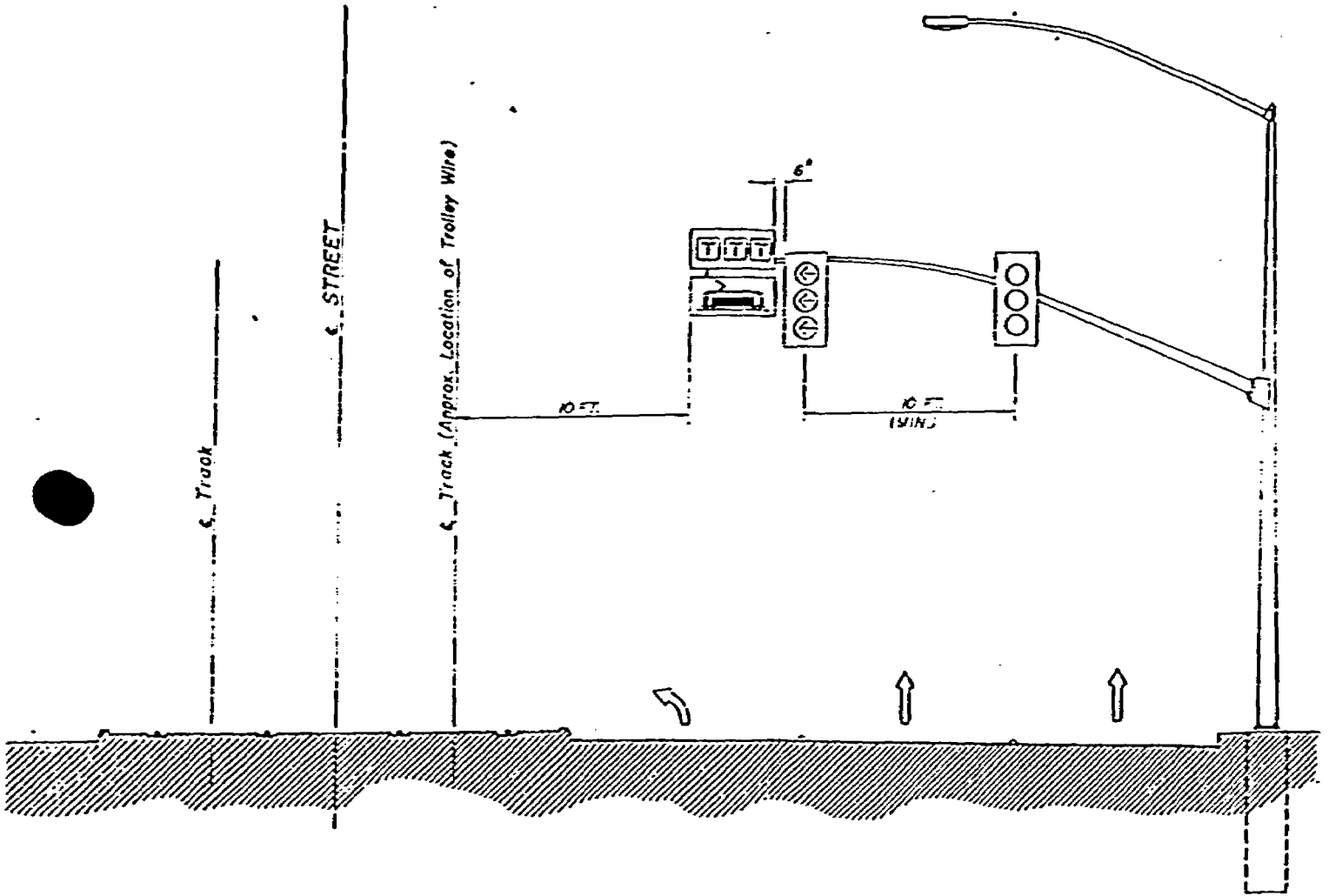


EXHIBIT F