

**LAX TO PALMDALE
ADVANCED TECHNOLOGY DEMONSTRATION PROJECT**

ALIGNMENT AND STATION DRAWINGS

JULY 1991

PREPARED FOR:

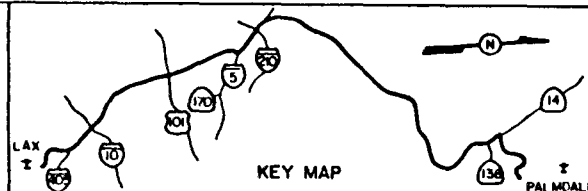


**LOS ANGELES COUNTY
TRANSPORTATION COMMISSION**

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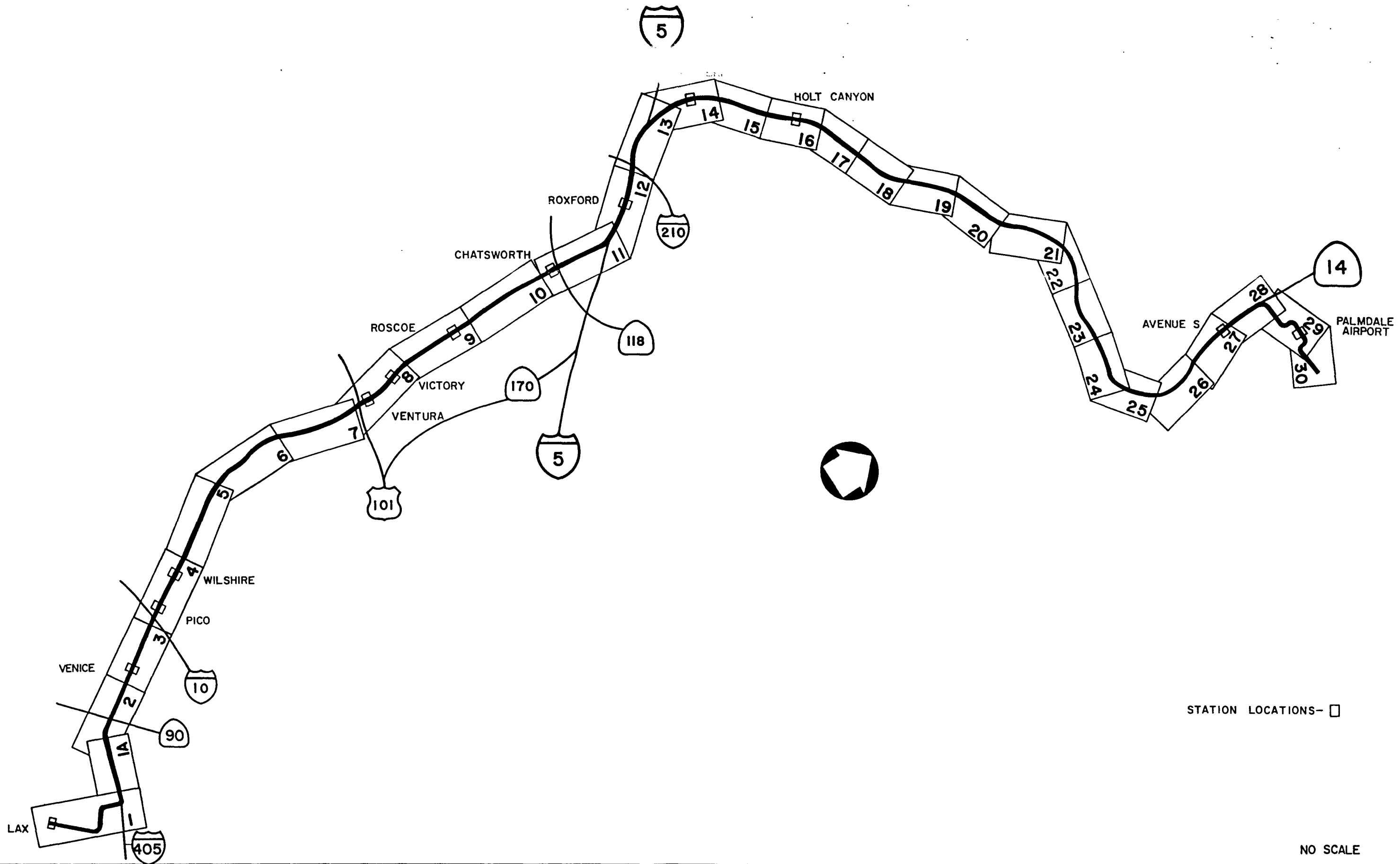
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LACTC LAX - Palmdale Advanced Technology Demonstration Project

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ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR
 ENGINEERING COMPANY
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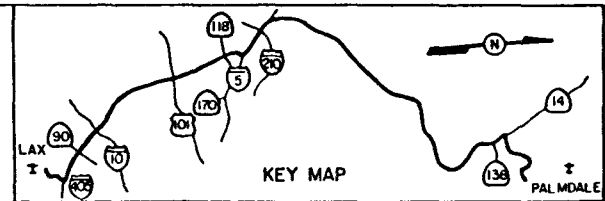
INDEX OF DRAWINGS

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SHEET NO.



STATION LOCATIONS- □

NO SCALE



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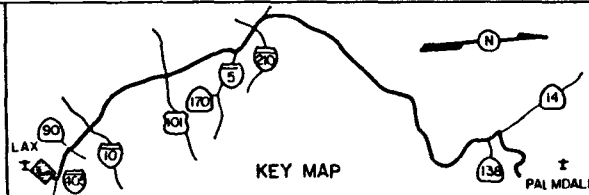
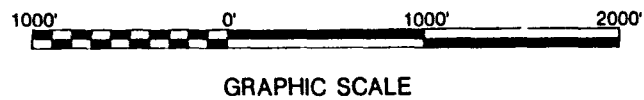
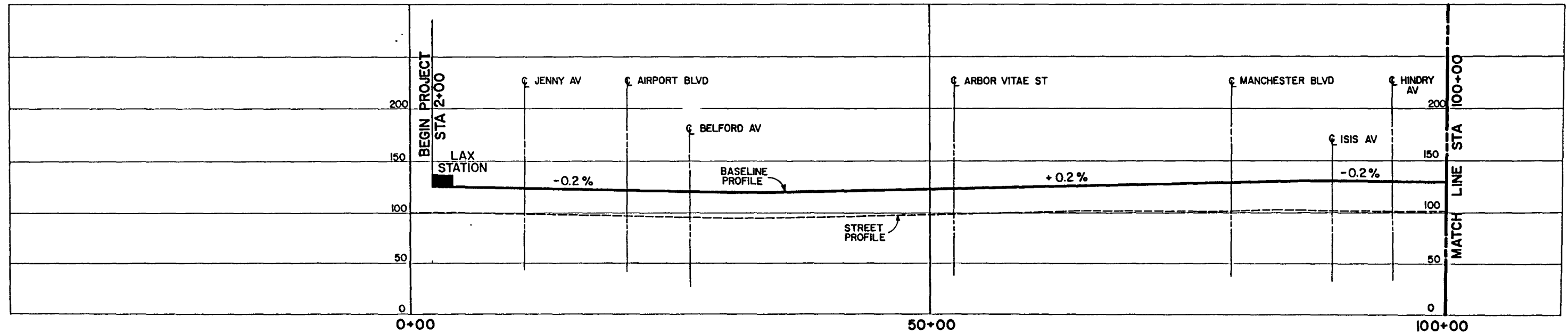
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BASELINE ALIGNMENT
KEY MAP

G-2
 SHEET NO.



NOTE:
ELEVATION UNKNOWN
FOR OVERHEAD LINES



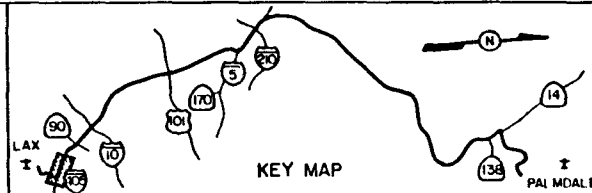
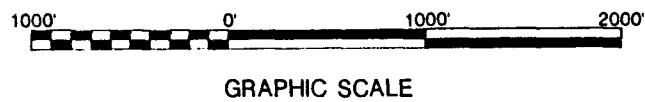
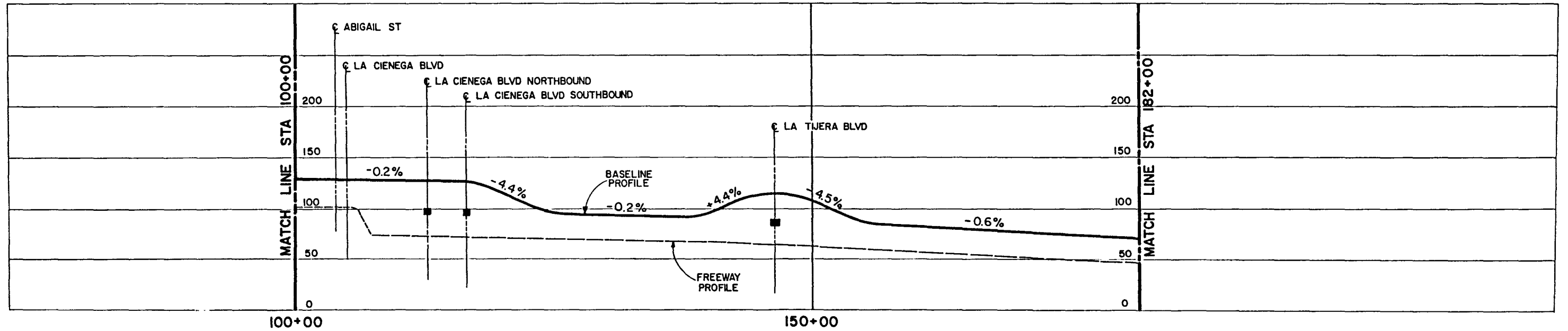
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BASELINE ALIGNMENT
STA 2+00 TO STA 100+00
PLAN & PROFILE

1
SHEET NO.



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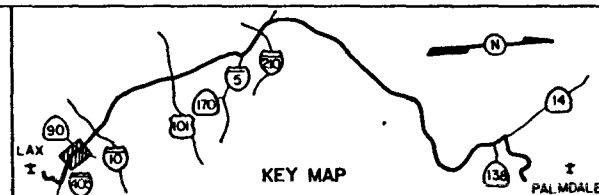
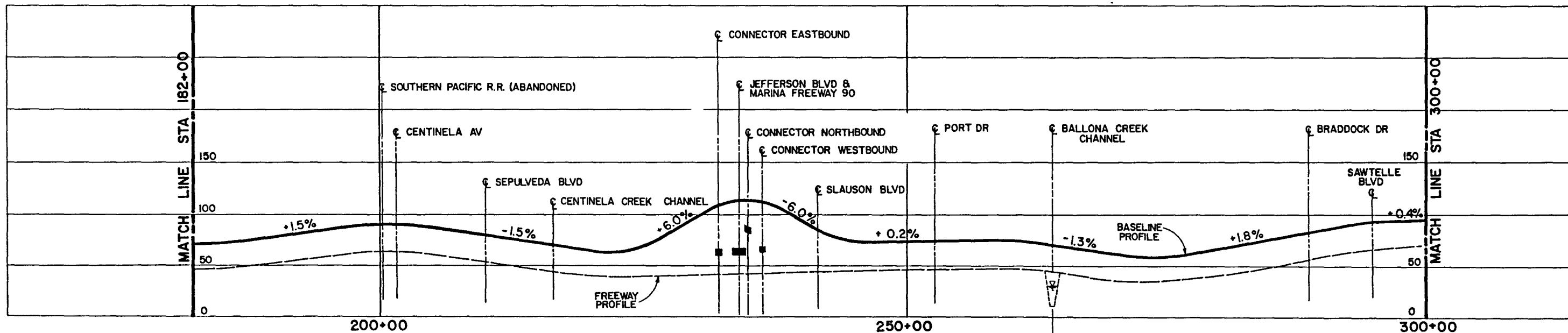
TUDOR
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BRAUKIS & ASSOCIATES
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BASELINE ALIGNMENT
STA 100+00 TO STA 182+00
PLAN & PROFILE

1A
SHEET NO.



NOTE:
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FOR OVERHEAD LINES



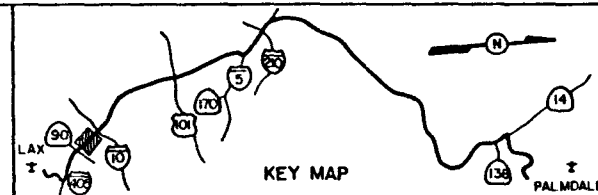
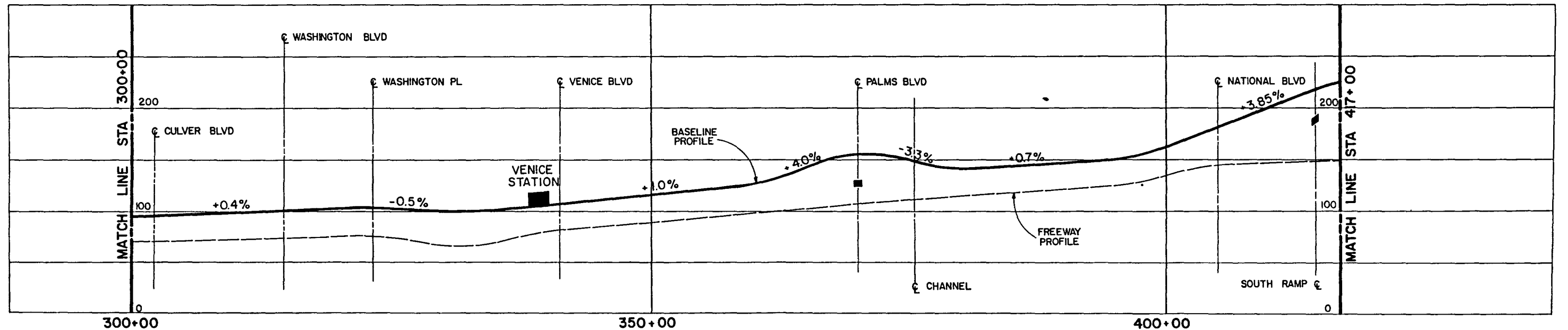
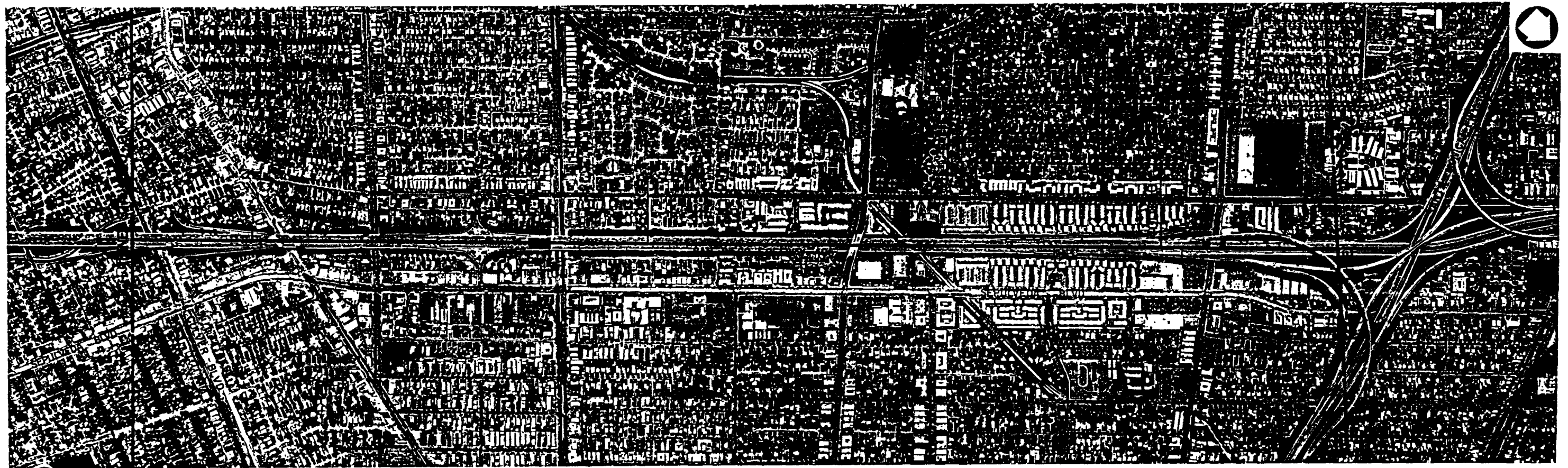
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BASELINE ALIGNMENT
STA 182+00 TO STA 300+00
PLAN & PROFILE

2
SHEET NO.



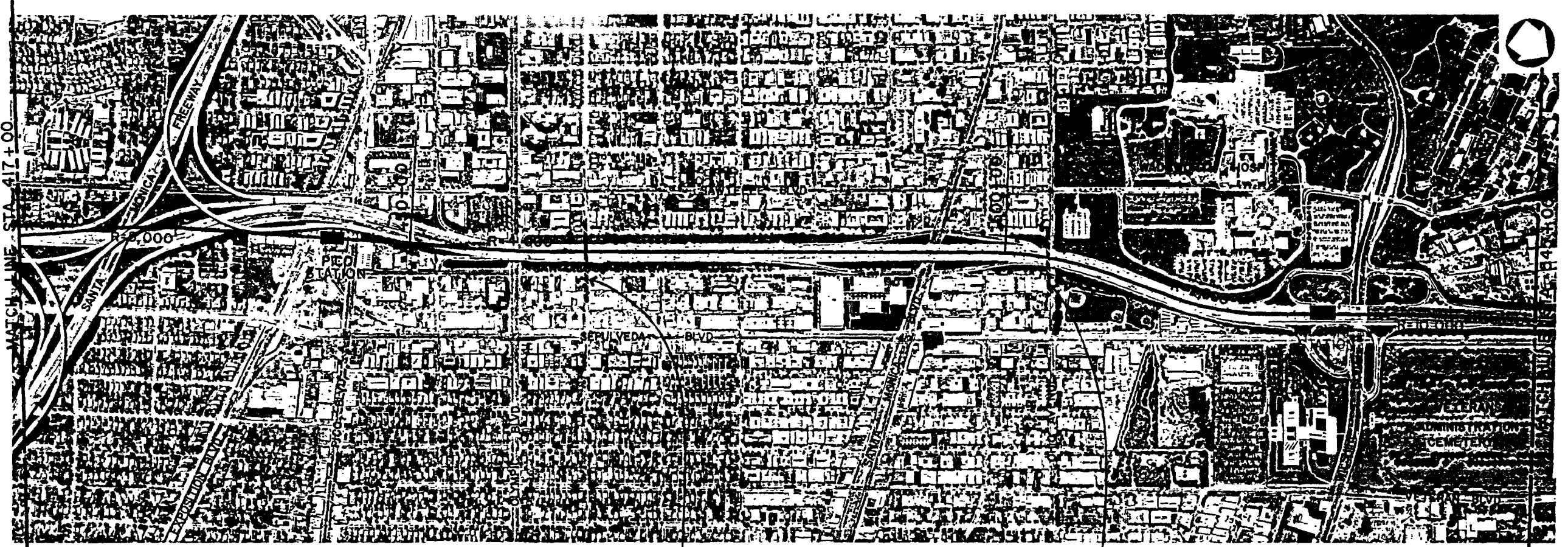
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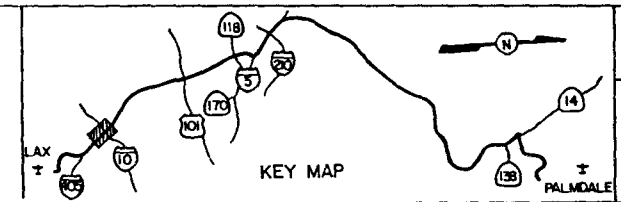
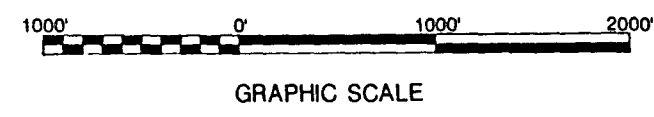
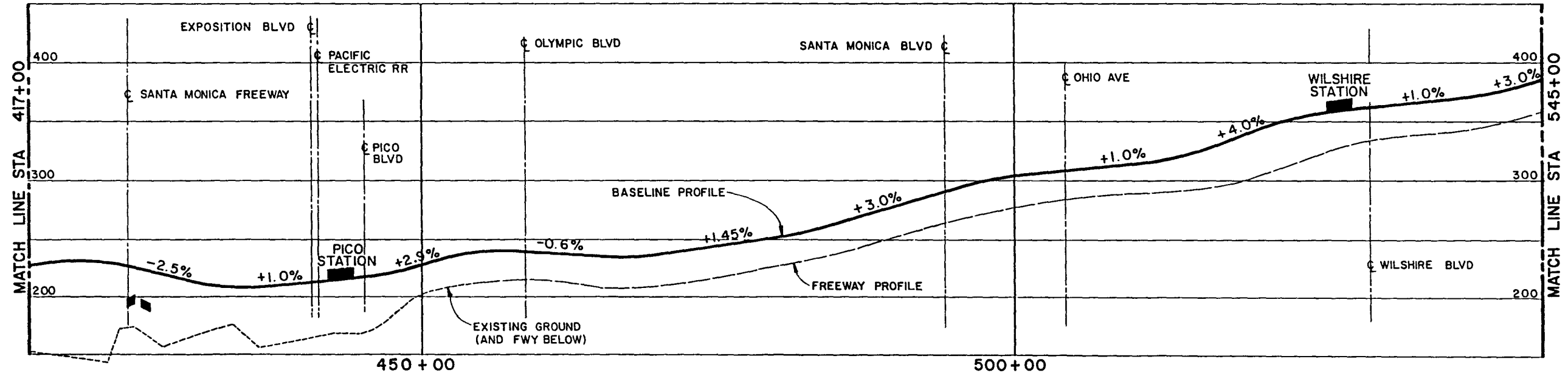
BASELINE ALIGNMENT
STA 300+00 TO STA 417+00
PLAN & PROFILE

3
SHEET NO.



66kV Above 16kV
16kV Apx. 50' Above Freeway

16kV Apx. 30' Clearance
Above Freeway



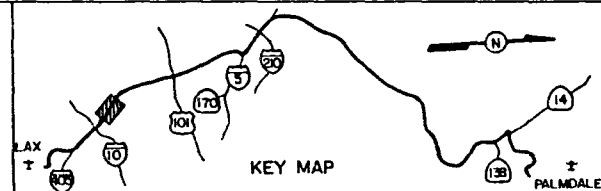
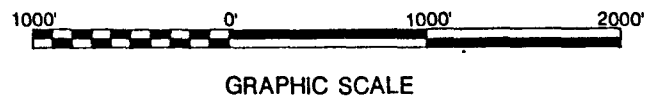
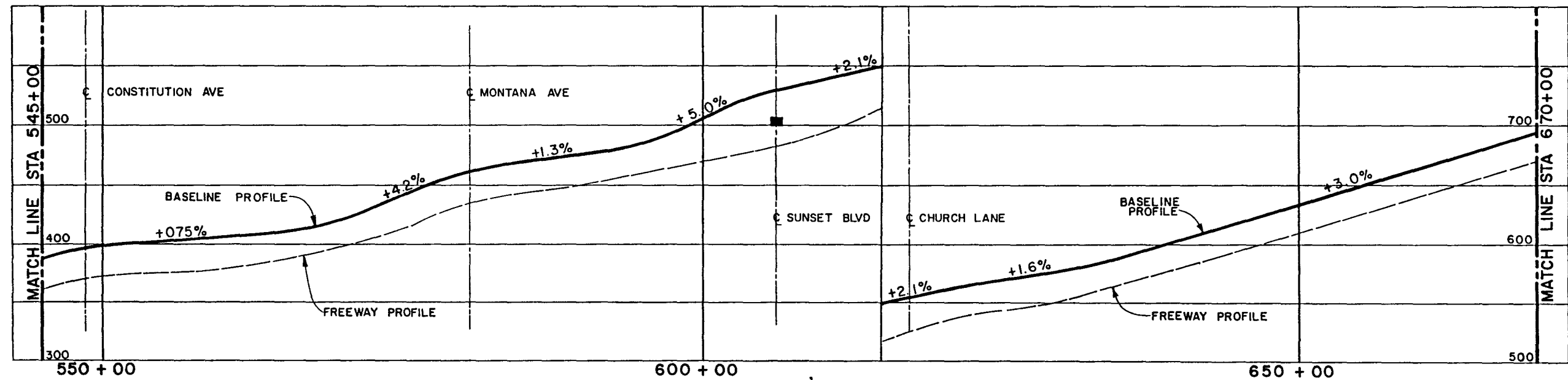
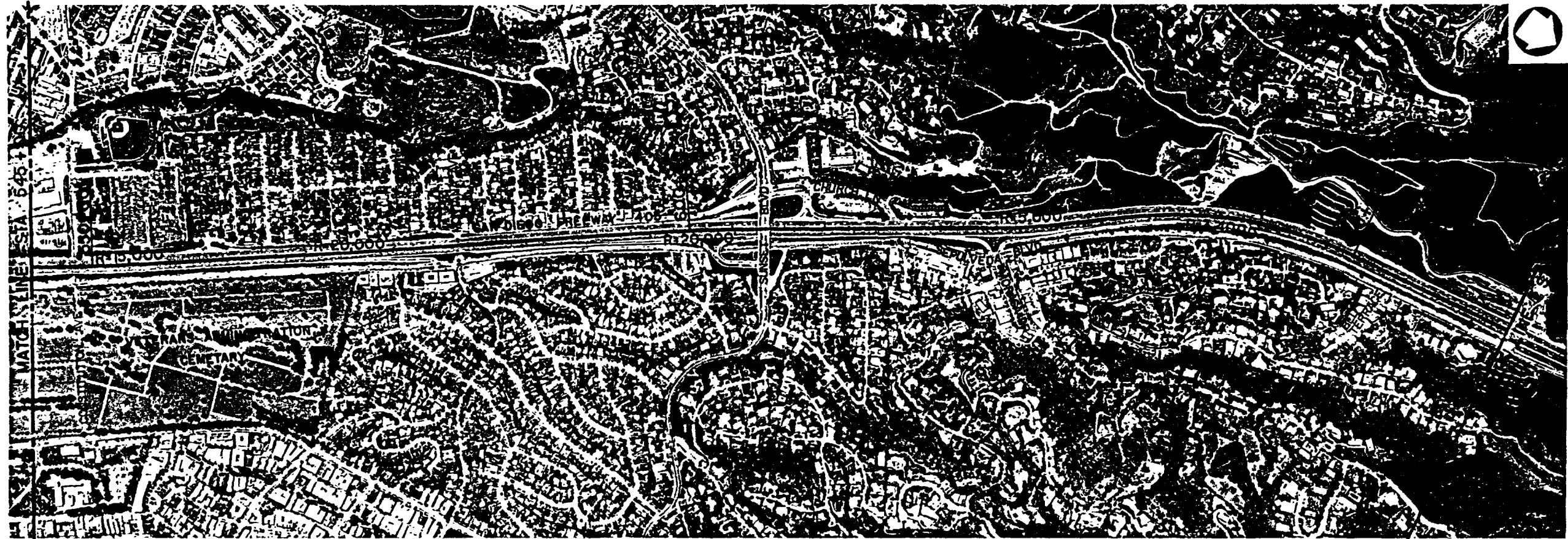
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BASELINE ALIGNMENT
STA 417+00 TO STA 545+00
PLAN & PROFILE

4
SHEET NO.



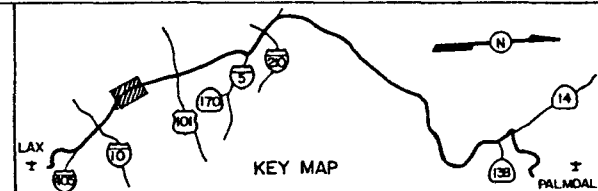
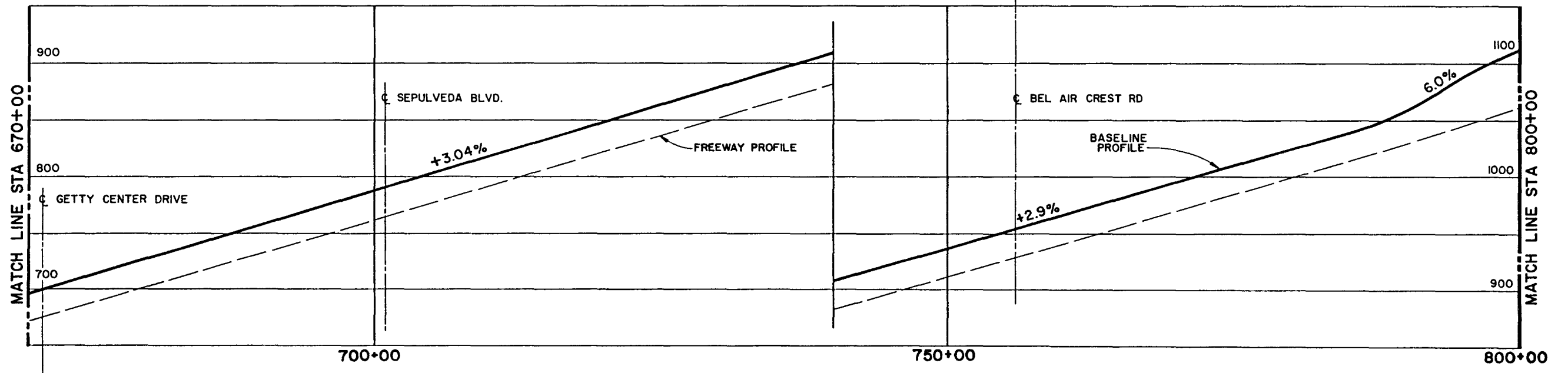
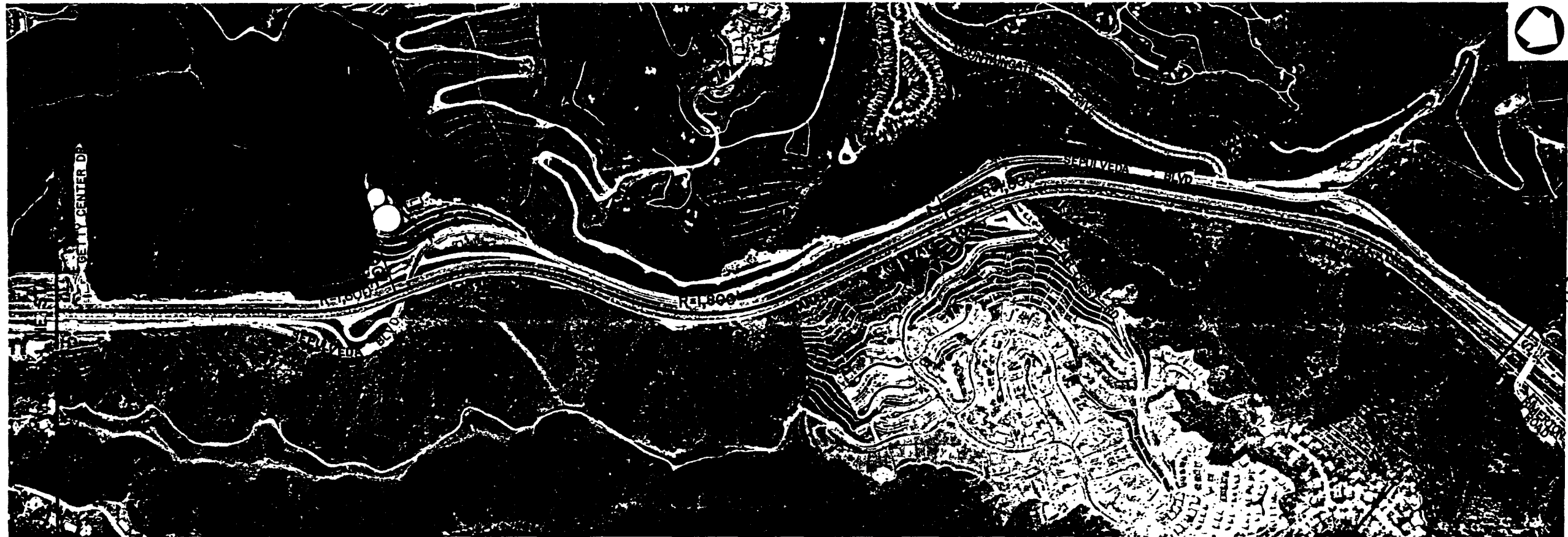
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BASELINE ALIGNMENT
STA 545+00 TO STA 670+00
PLAN & PROFILE

5
SHEET NO.



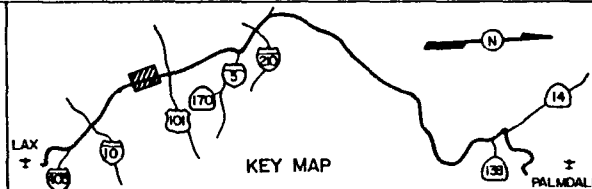
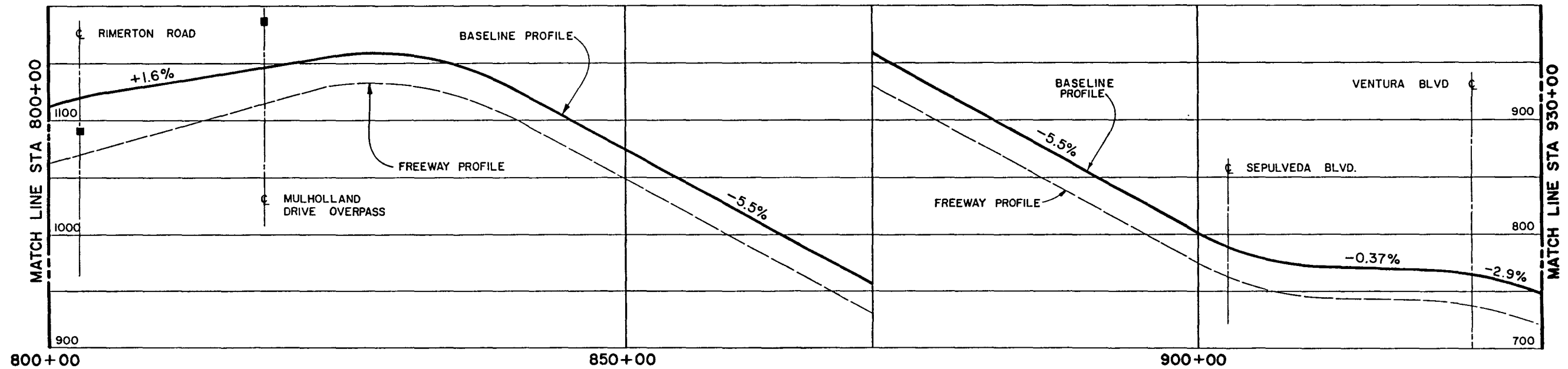
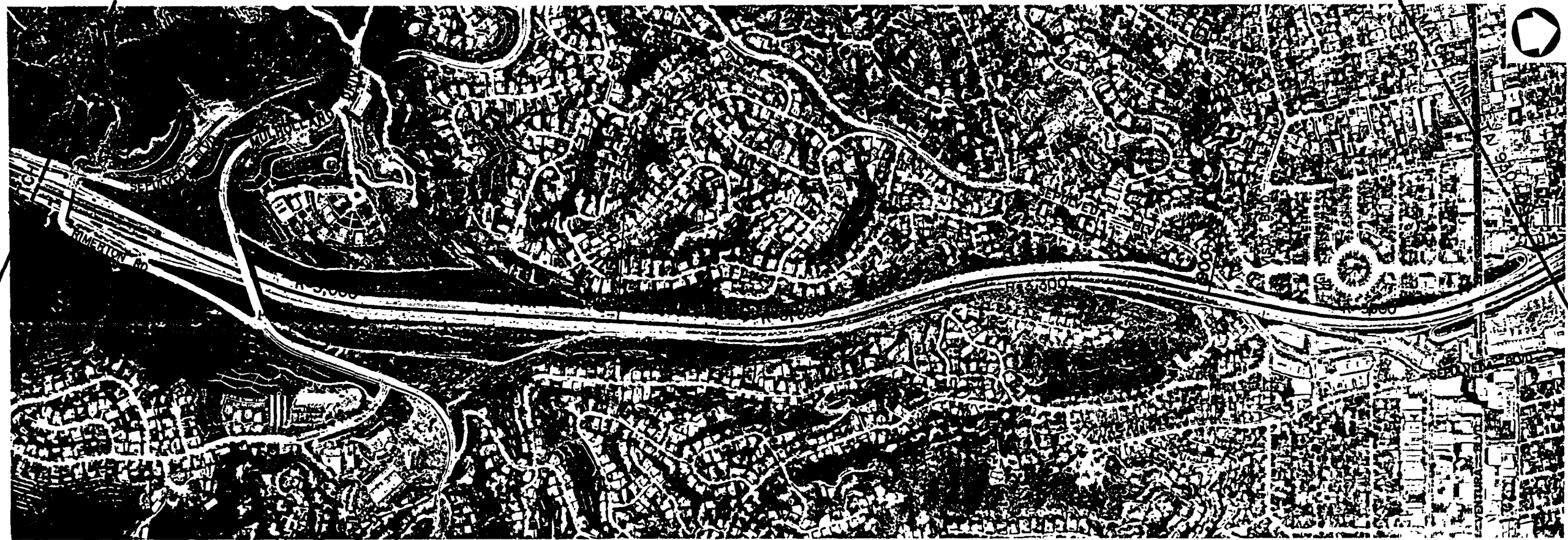
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BASELINE ALIGNMENT
STA 670 + 00 TO STA 800 + 00
PLAN & PROFILE

6
SHEET NO.



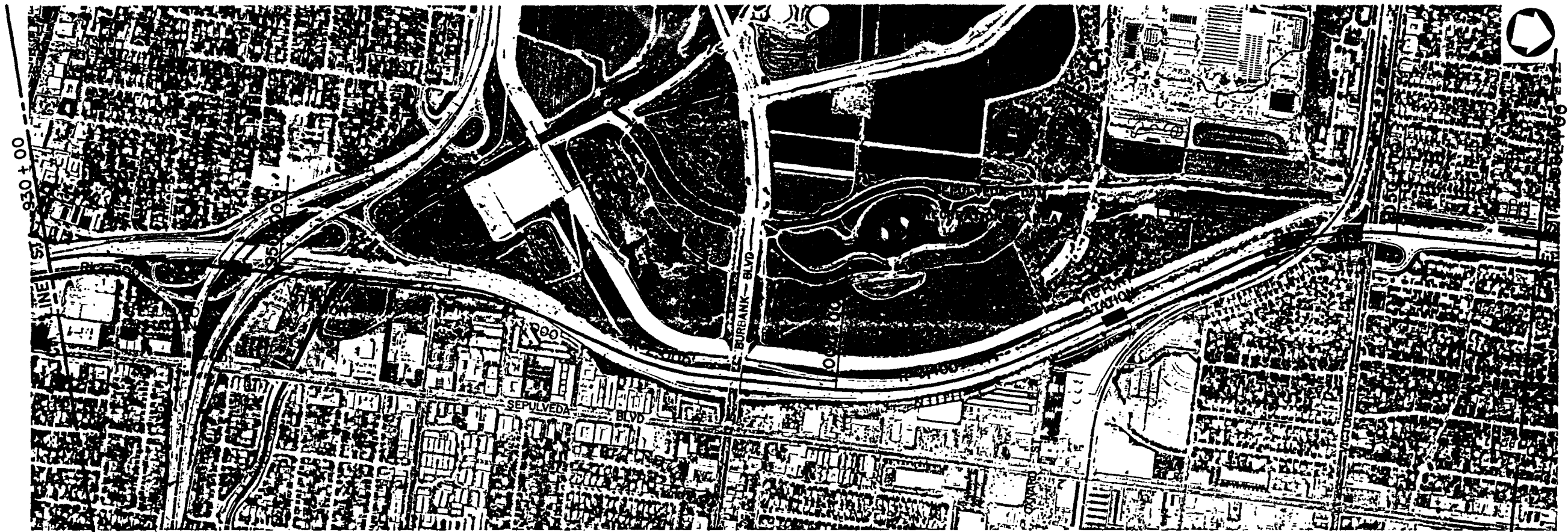
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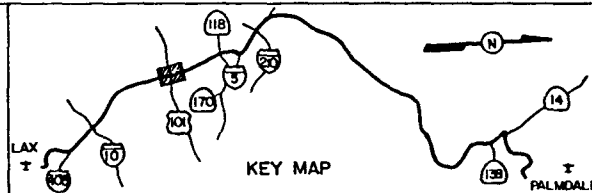
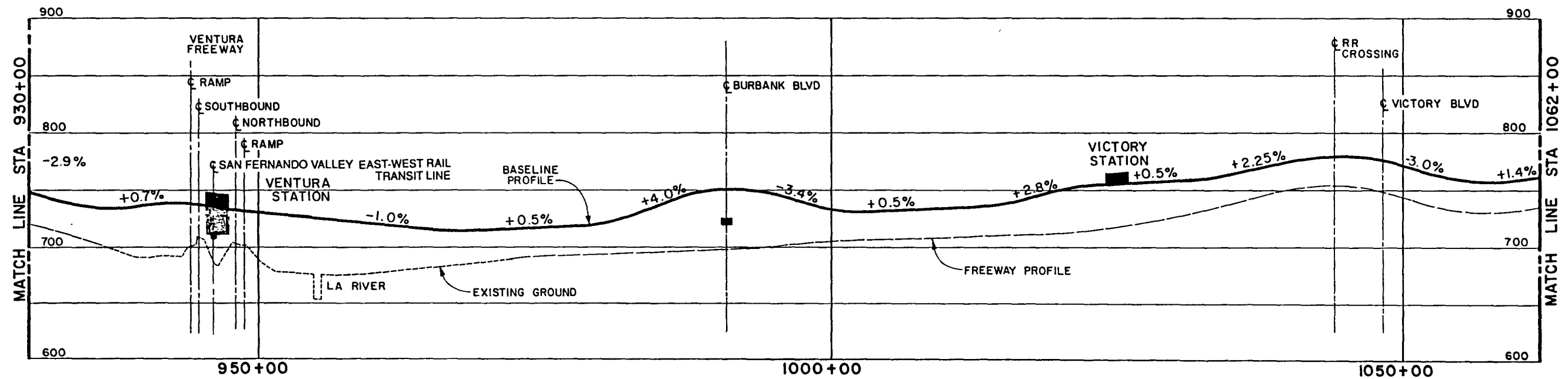
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BASELINE ALIGNMENT
STA 800+00 TO STA 930+00
PLAN & PROFILE

7
SHEET NO.



SAN FERNANDO VALLEY
EAST-WEST RAIL TRANSIT LINE
(PROPOSED)



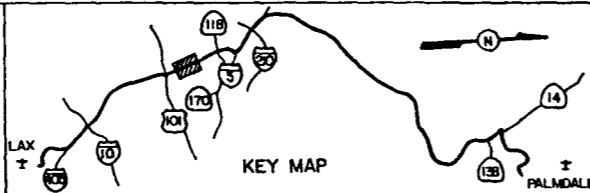
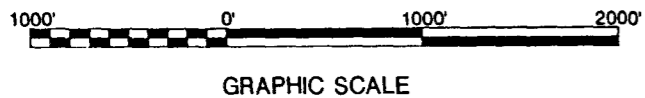
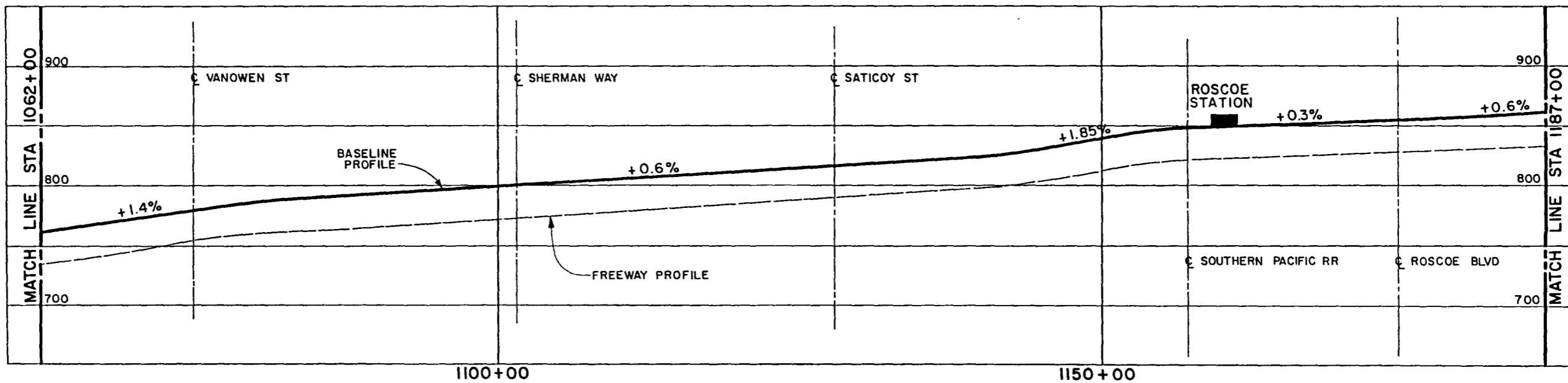
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BASELINE ALIGNMENT
STA 930 + 00 TO STA 1062 + 00
PLAN & PROFILE

8
SHEET NO.



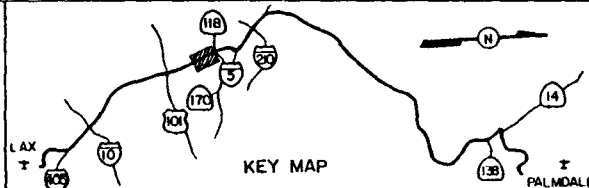
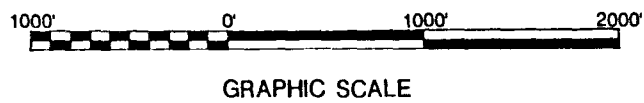
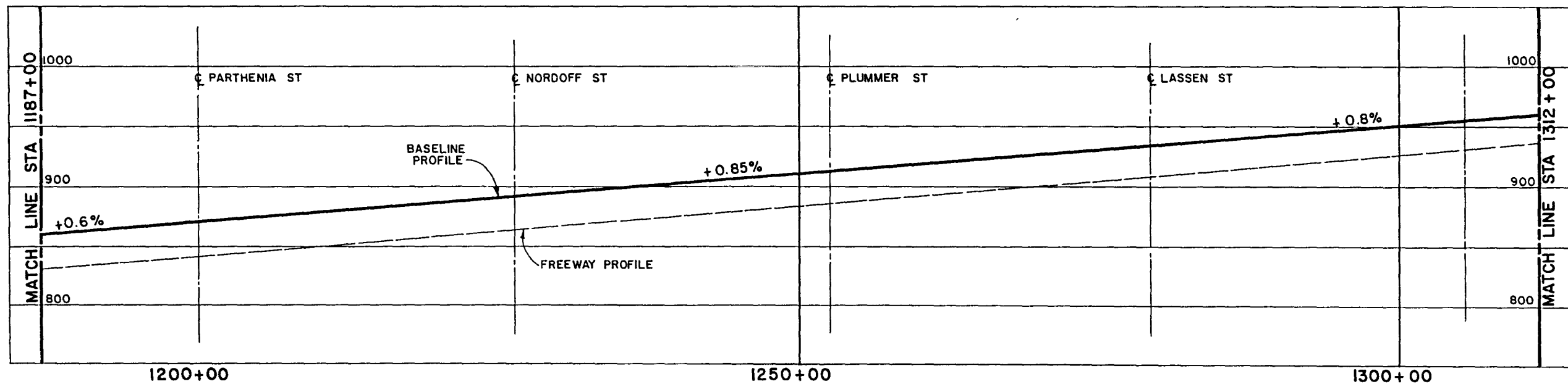
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BASELINE ALIGNMENT
STA 1062+00 TO STA 1187+00
PLAN & PROFILE

9
SHEET NO.




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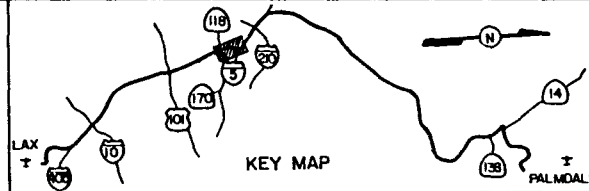
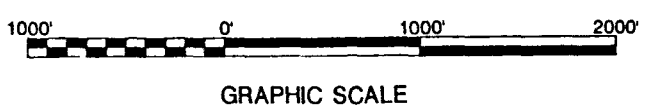
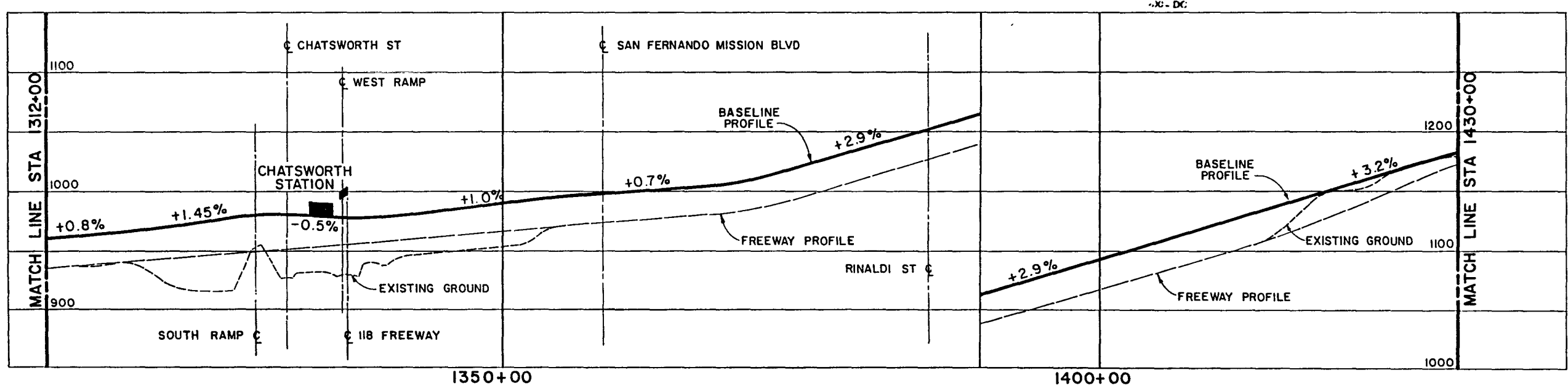
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BASELINE ALIGNMENT
 STA 1187 + 00 TO STA 1312 + 00
PLAN & PROFILE

10
 SHEET NO.



2-66kV Lines
Clearance Unknown



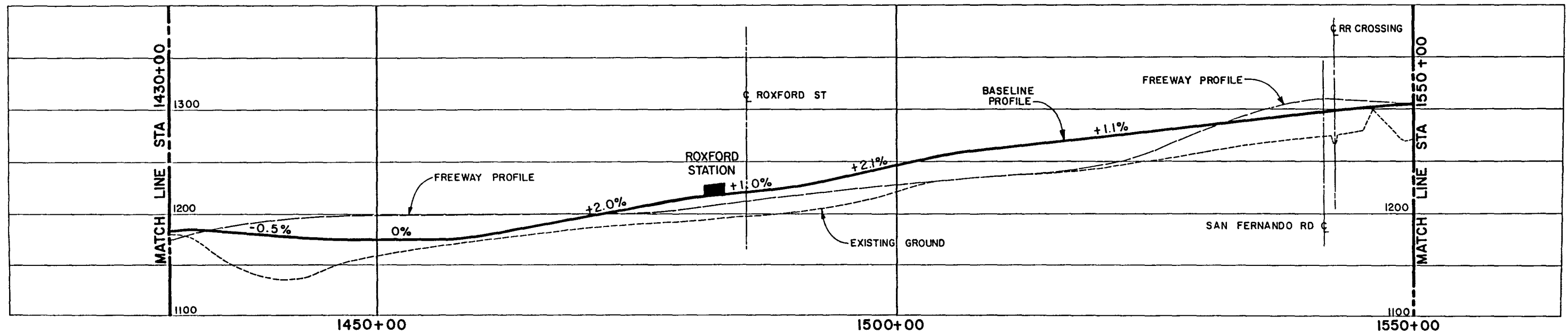
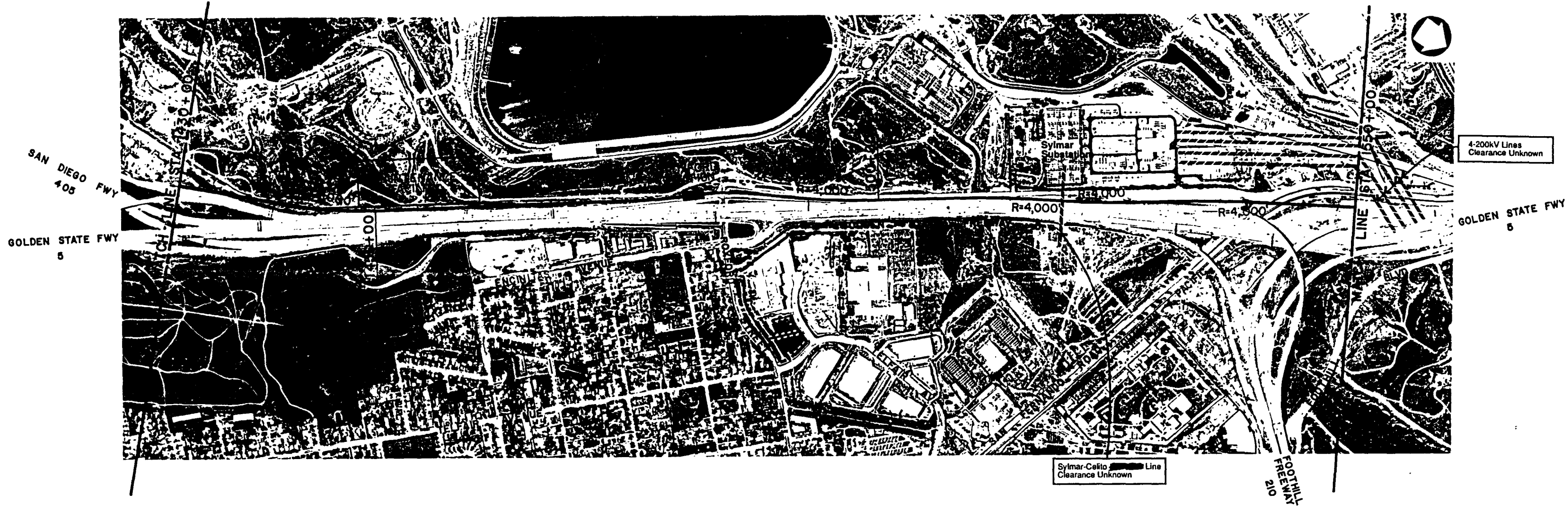
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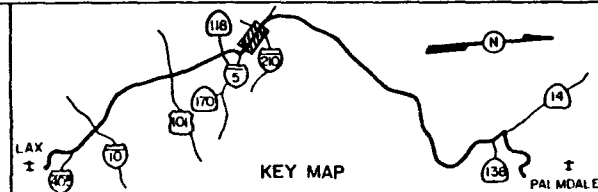
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BASELINE ALIGNMENT
STA 1312+00 TO STA 1430+00
PLAN & PROFILE

11
SHEET NO.



GRAPHIC SCALE



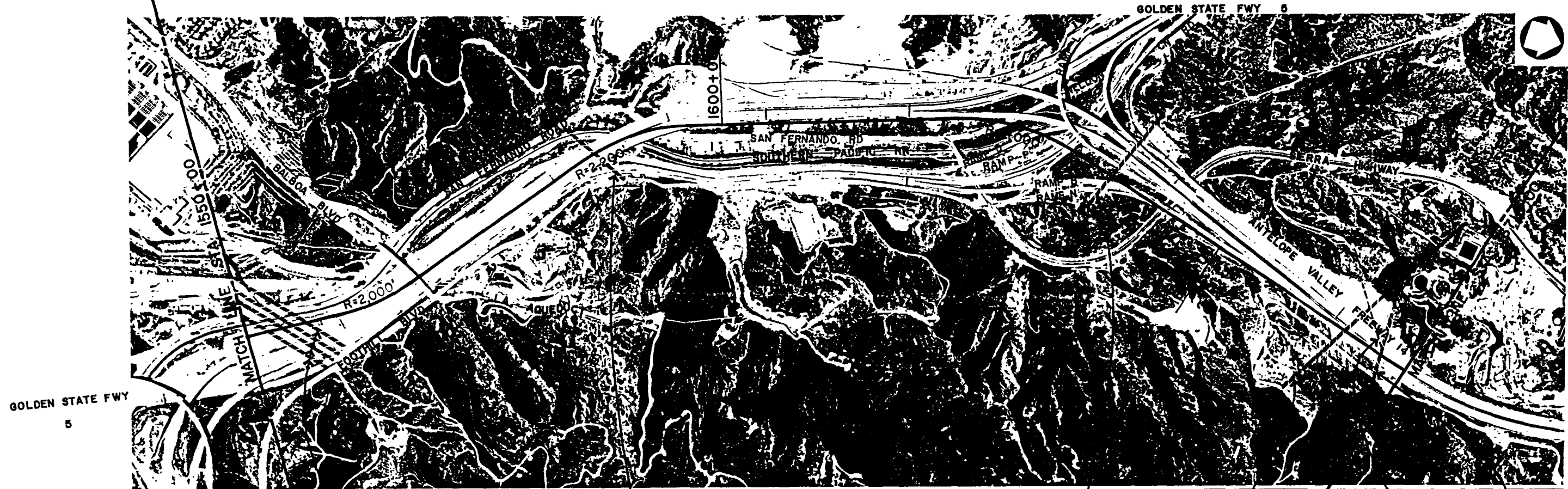
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BASELINE ALIGNMENT
STA 1430+00 TO STA 1550+00
PLAN & PROFILE

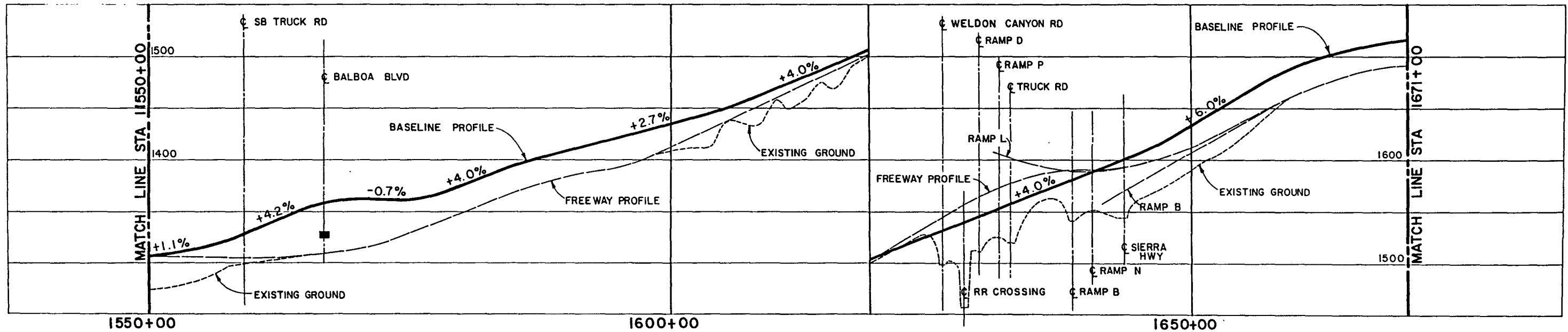
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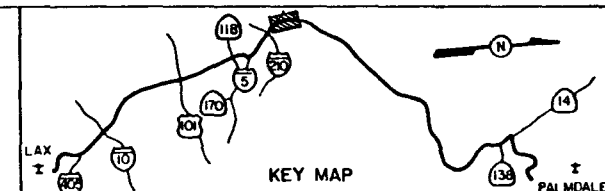
GOLDEN STATE FWY
5

GOLDEN STATE FWY 5

4-200kV Lines Clearance Unknown	2-66kV Apx. 80' Clearance Telephone Apx. 60' Clearance	2-86kV N/S Apx. 150' Clearance S/S Apx. 80' Clearance	3-220kV Apx. 24' Clearance	Telephone Apx. 24' Clearance	16kV Apx. 28' Clearance
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GRAPHIC SCALE



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LACTC
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TUDOR ENGINEERING COMPANY
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TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 1550+00 TO STA 1671+00
PLAN & PROFILE

13
SHEET NO.



16kV
Apx. 30' Clearance

16kV
Clearance Unknown

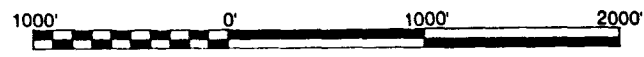
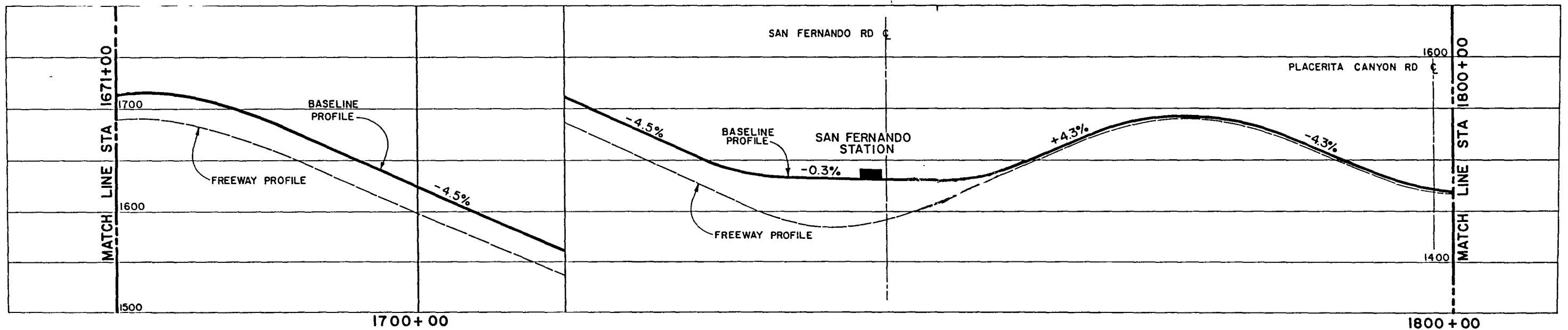
16kV
Apx. 55' Clearance

Telephone
Apx. 30' Clearance

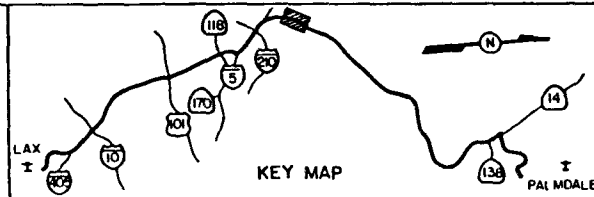
16kV
Apx. 25' Clearance

Transmission Corridor Multi-Crossing
220kV & 750 DC Line
Clearance Unknown

16 kV
Apx. 25' Clearance



GRAPHIC SCALE



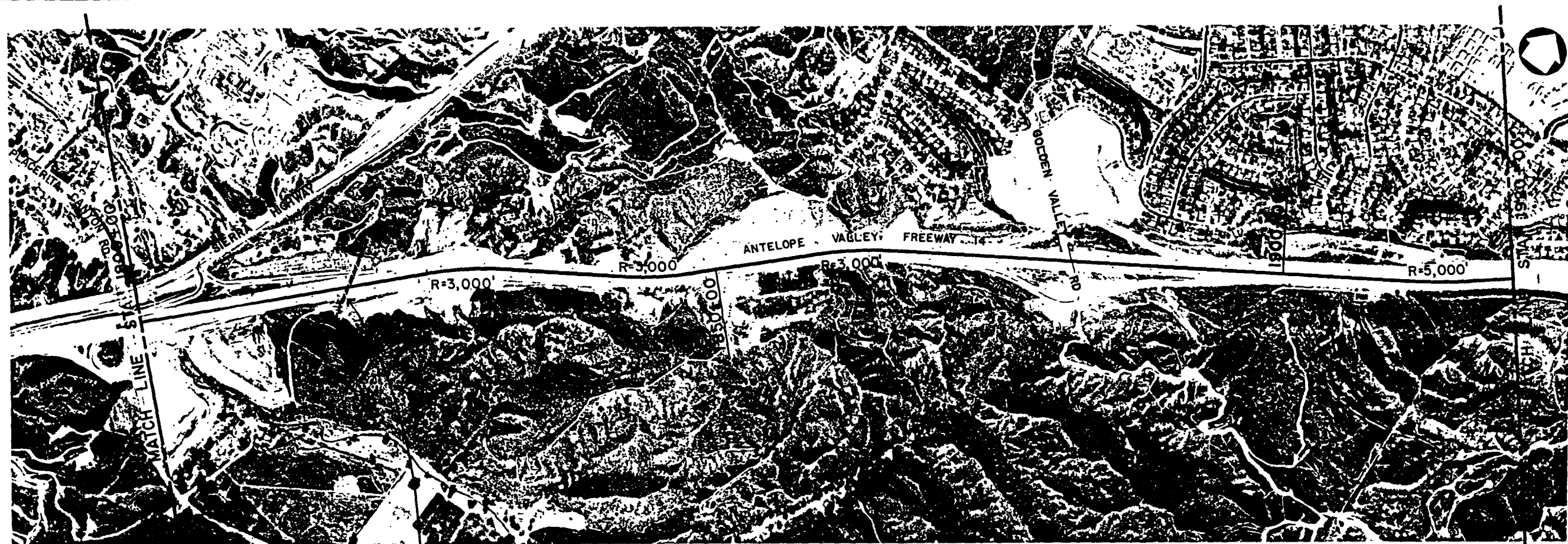
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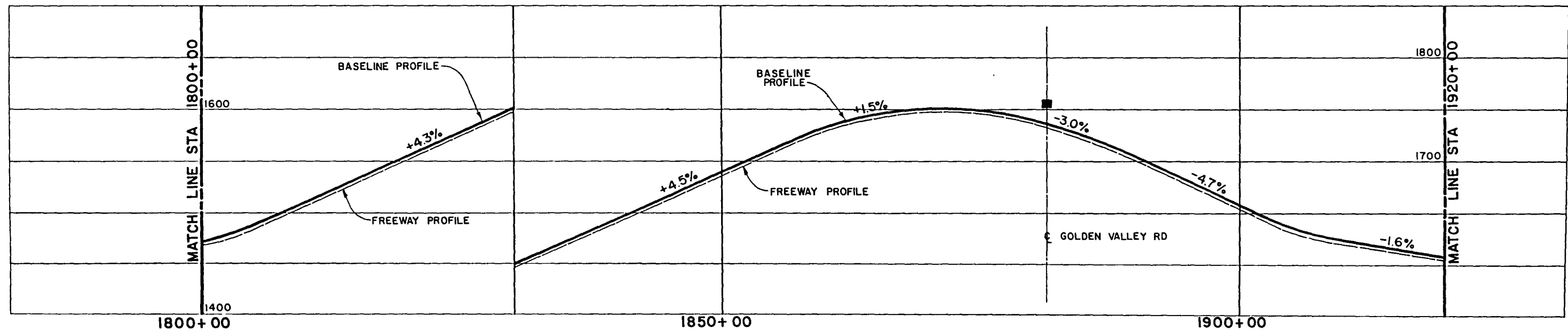
**TUDOR
ENGINEERING COMPANY**
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 1671+00 TO STA 1800+00
PLAN & PROFILE

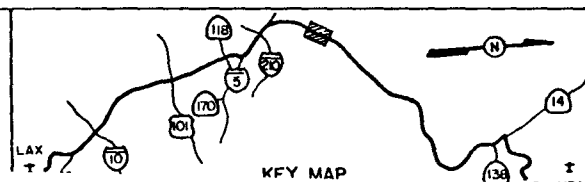
14
SHEET NO.



500kV
Apx. 45' Clearance



GRAPHIC SCALE



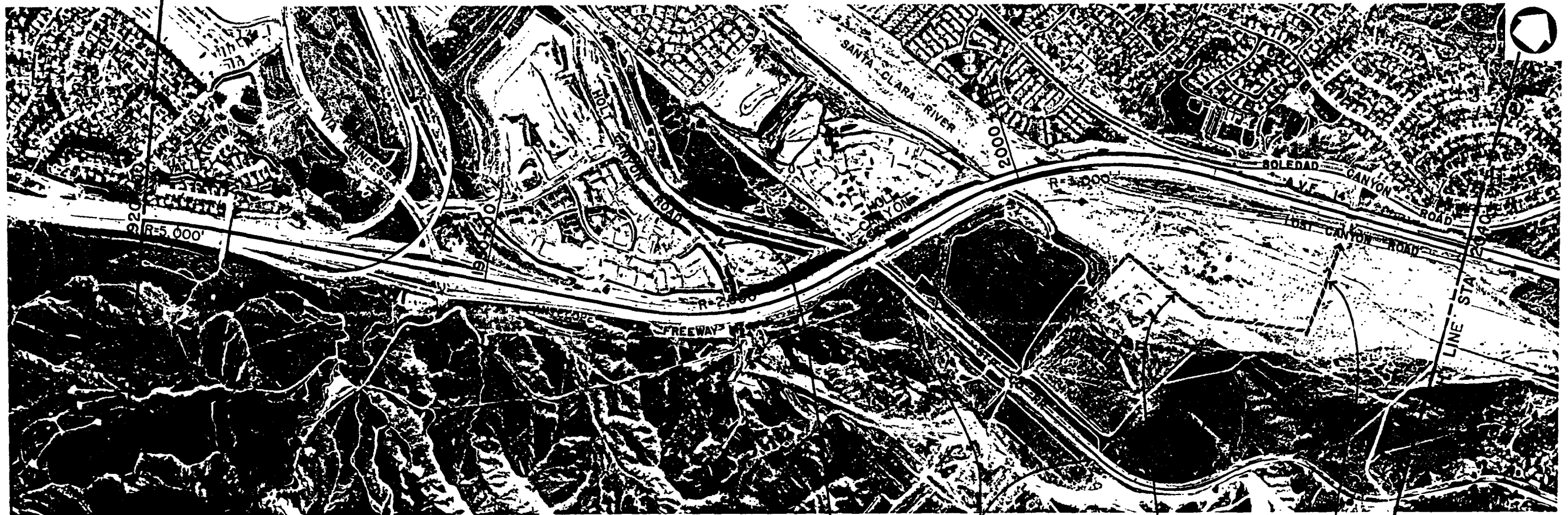
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

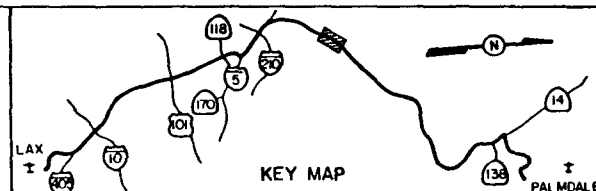
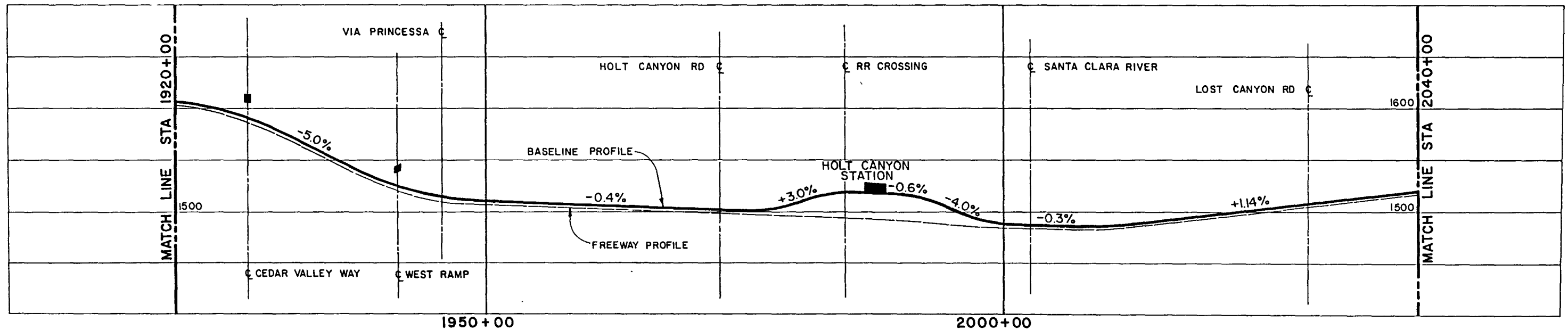
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 1800+00 TO STA 1920+00
PLAN & PROFILE

15
SHEET NO.



UG Conduit Humphrey's Station 16KV OH UG 16KV



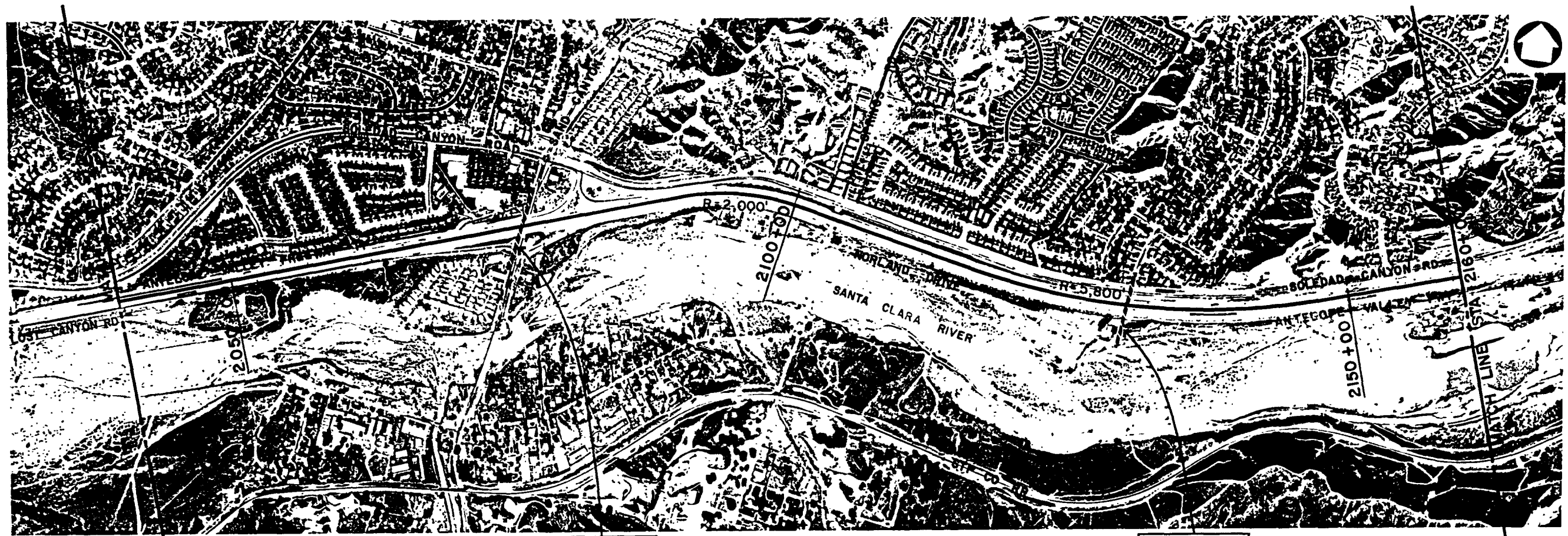
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX- Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

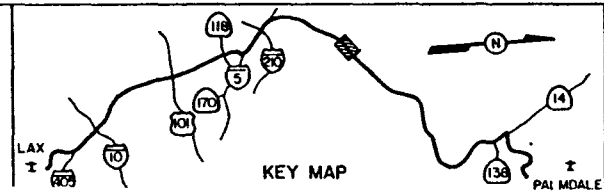
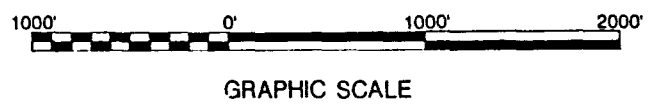
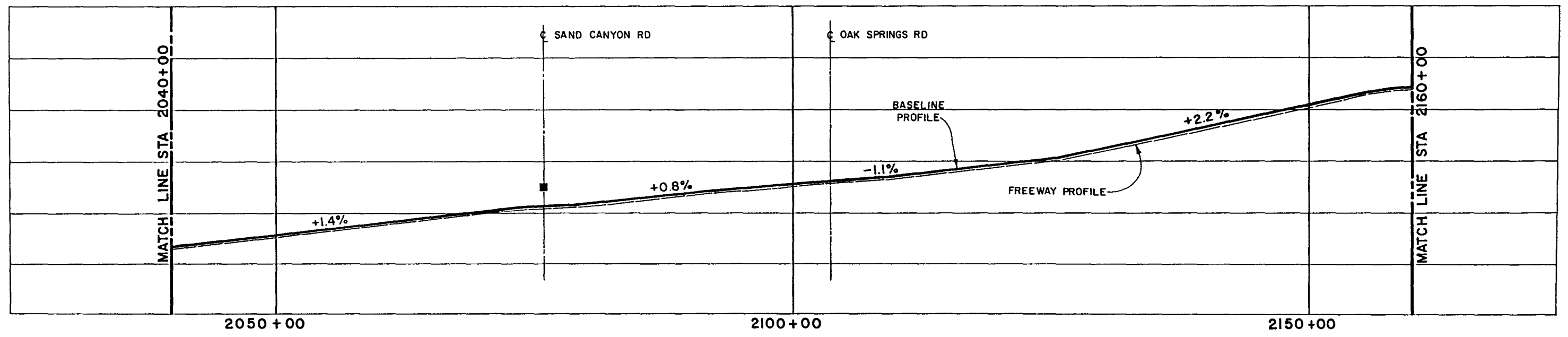
BASELINE ALIGNMENT
 STA 1920+00 TO STA 2040+00
 PLAN & PROFILE

16
 SHEET NO.



16kV
Apx. 60' Clearance

16kV
Apx. 40' Clearance



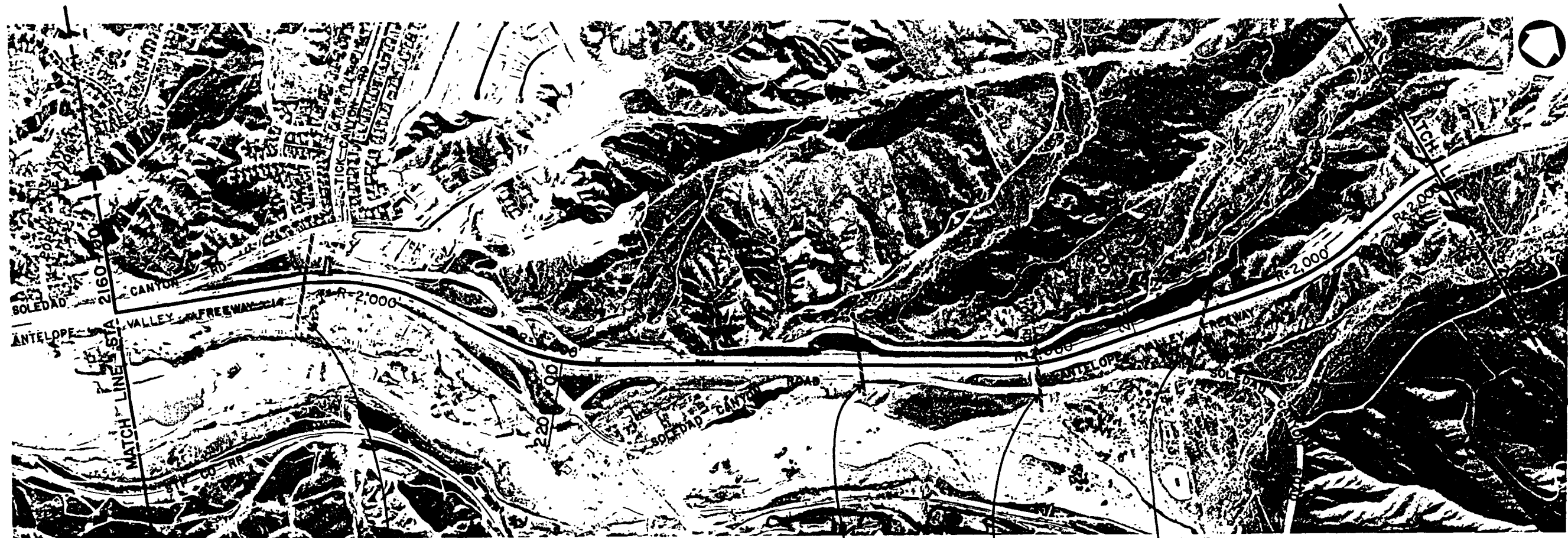
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 2040+00 TO STA 2160+00
PLAN & PROFILE

17
SHEET NO.

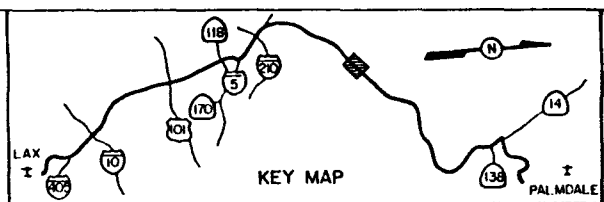
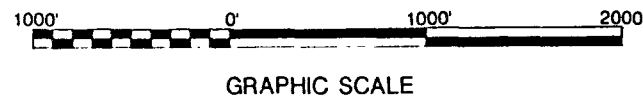
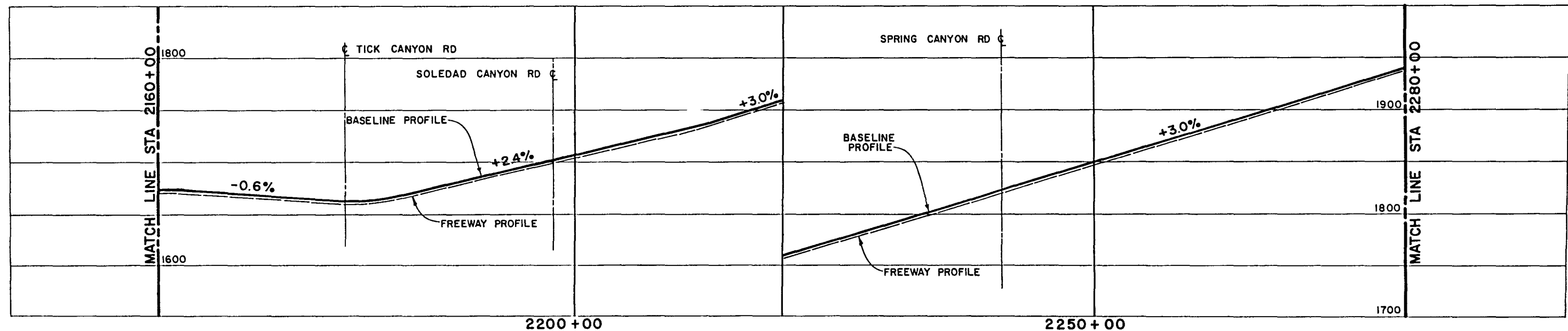


16kV
Apx. 30' Clearance

16kV
Apx. 45' Clearance

16kV
Apx. 25' Clearance

16kV
Apx. 40' Clearance



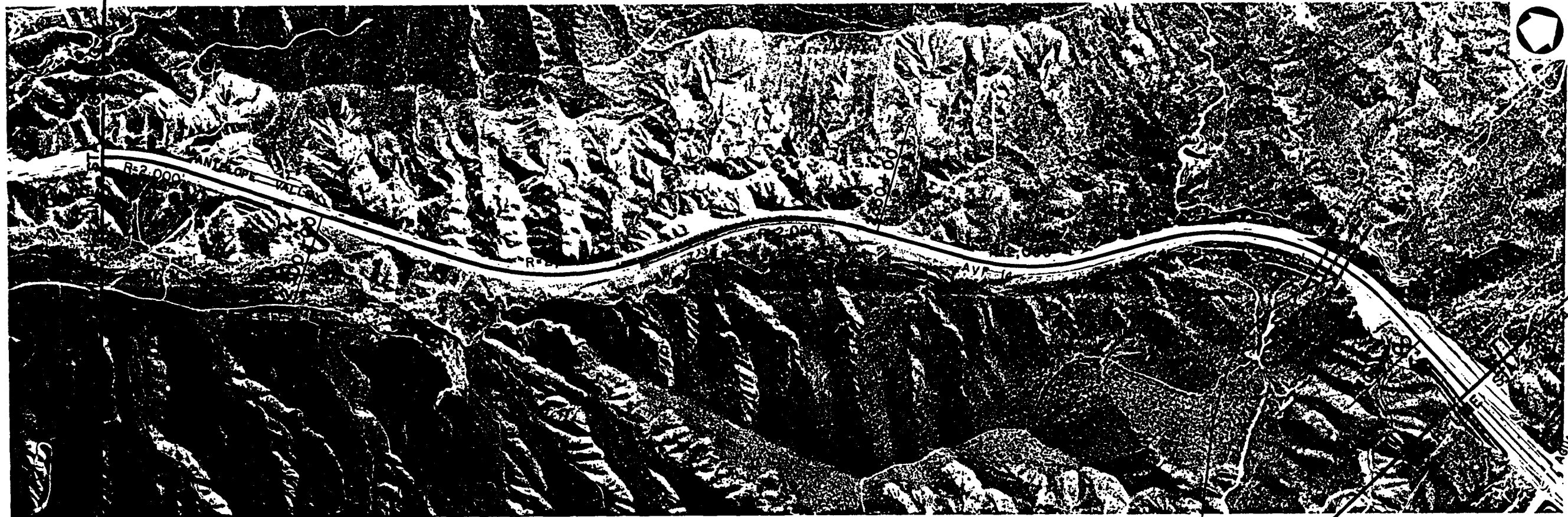
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

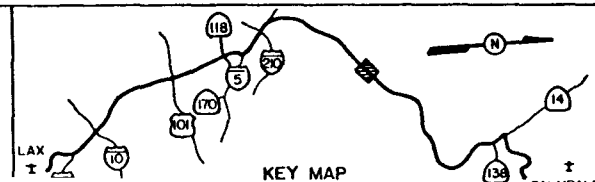
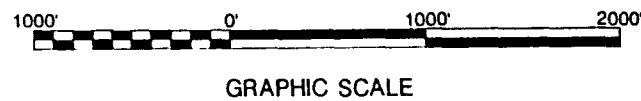
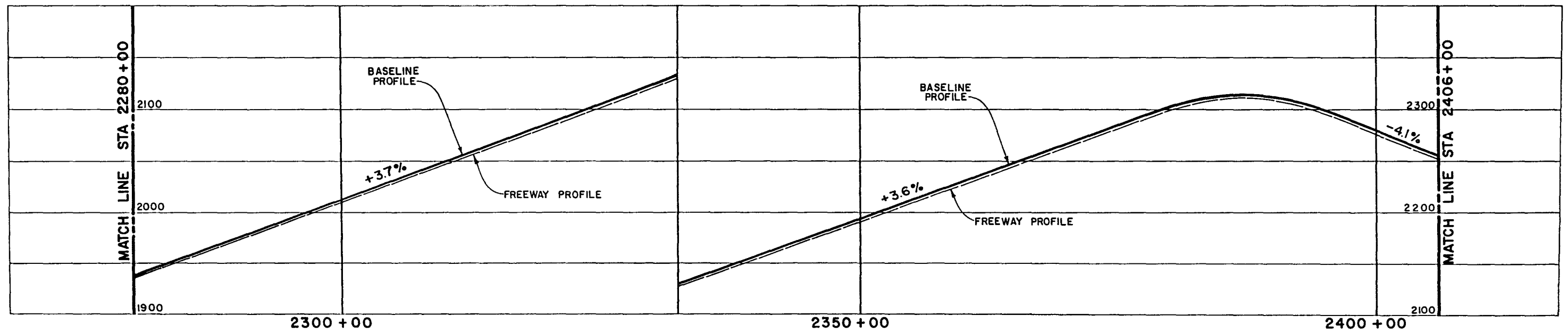
TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 2160+00 TO STA 2280+00
PLAN & PROFILE

18
SHEET NO.



2-220kV
1-500kV Line
Est. Apx. 60'



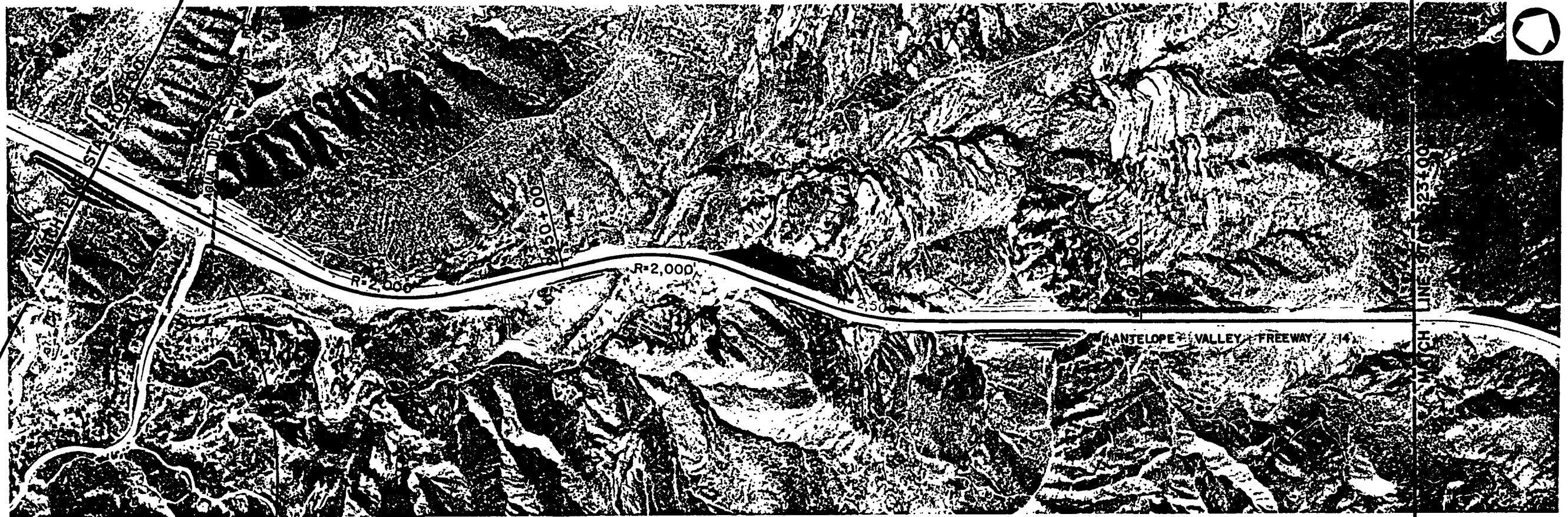
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LACTC
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

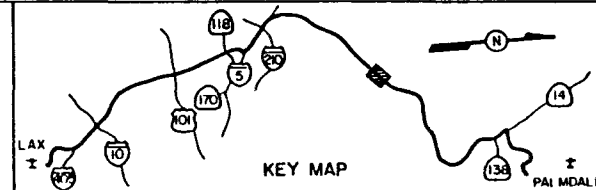
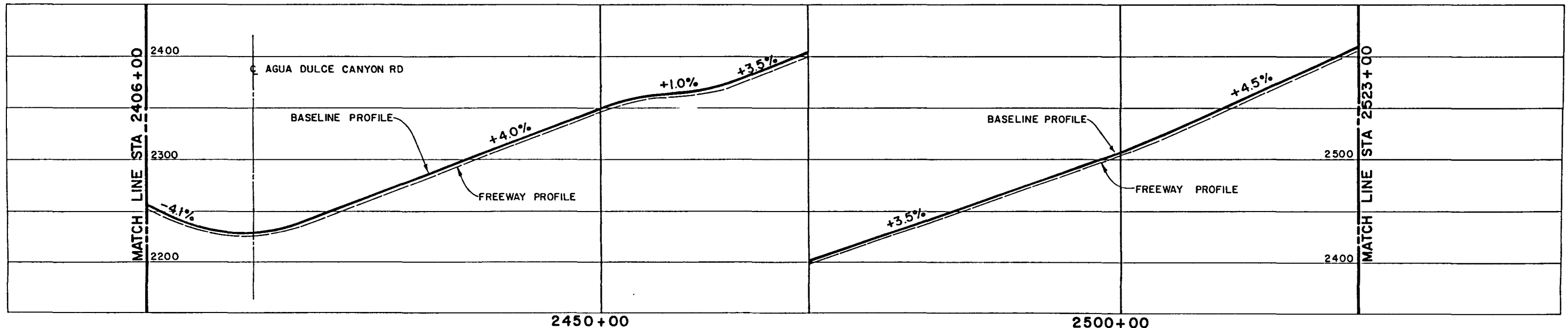
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 2280+00 TO STA 2406+00
PLAN & PROFILE

19
SHEET NO.



16KV
Apx. 30' Clearance



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

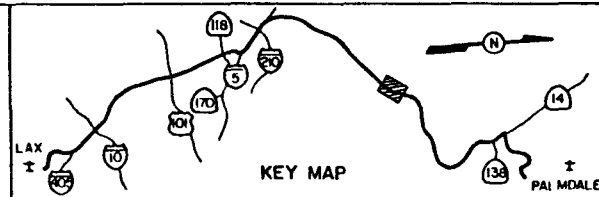
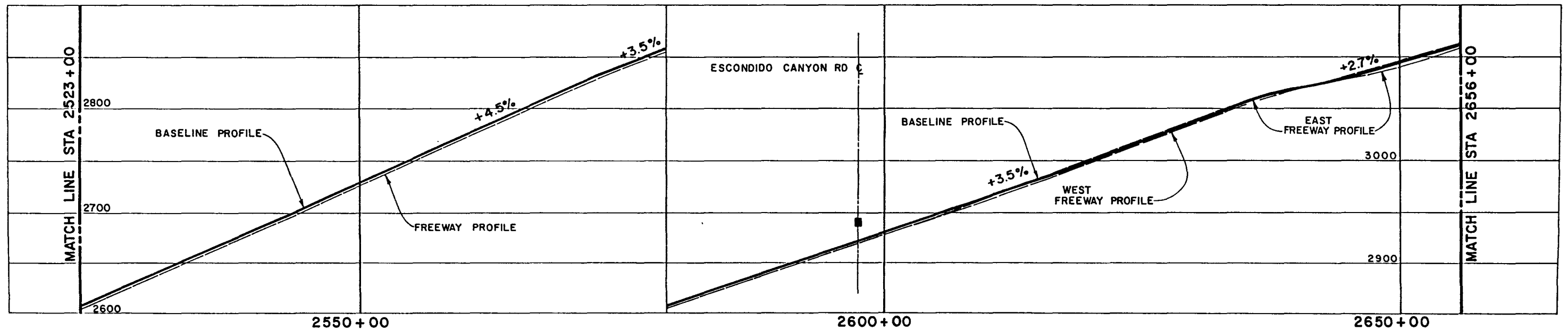
BASELINE ALIGNMENT
STA 2406+00 TO STA 2523+00
PLAN & PROFILE

20
SHEET NO.



12kV
Apx. 40' Clearance

12kV
Apx. 30' Clearance

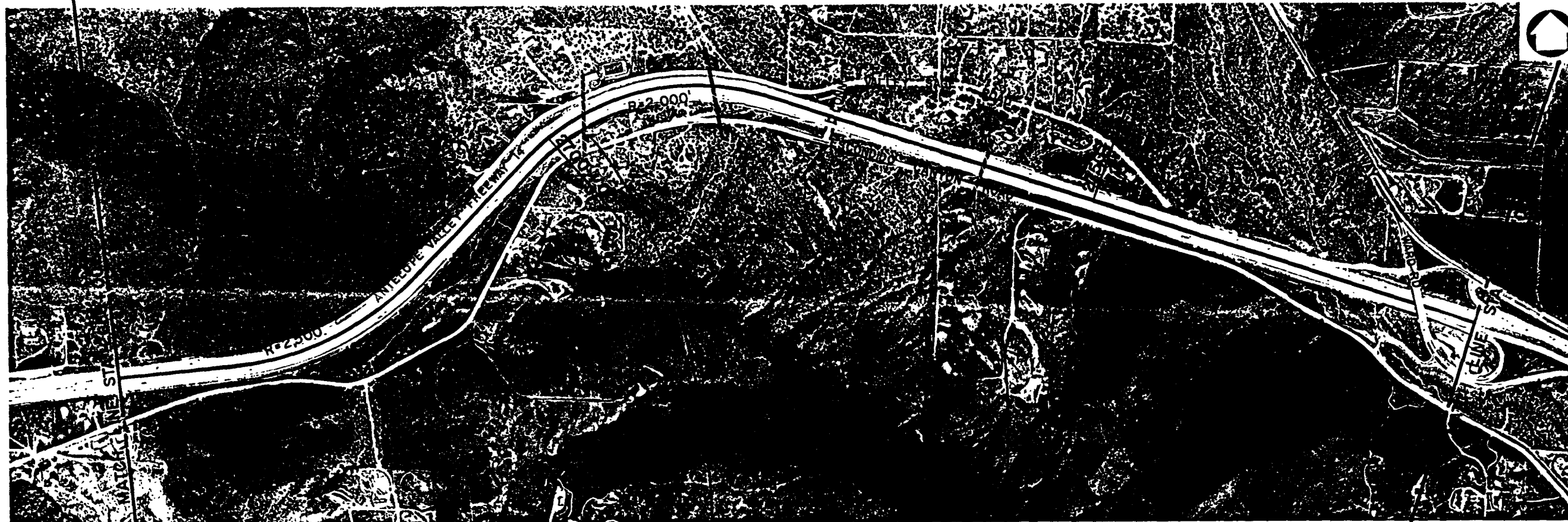


LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

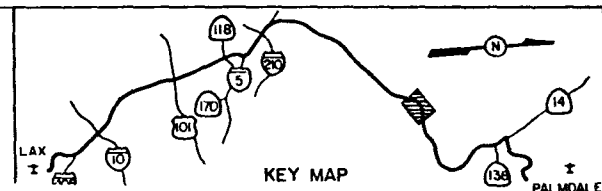
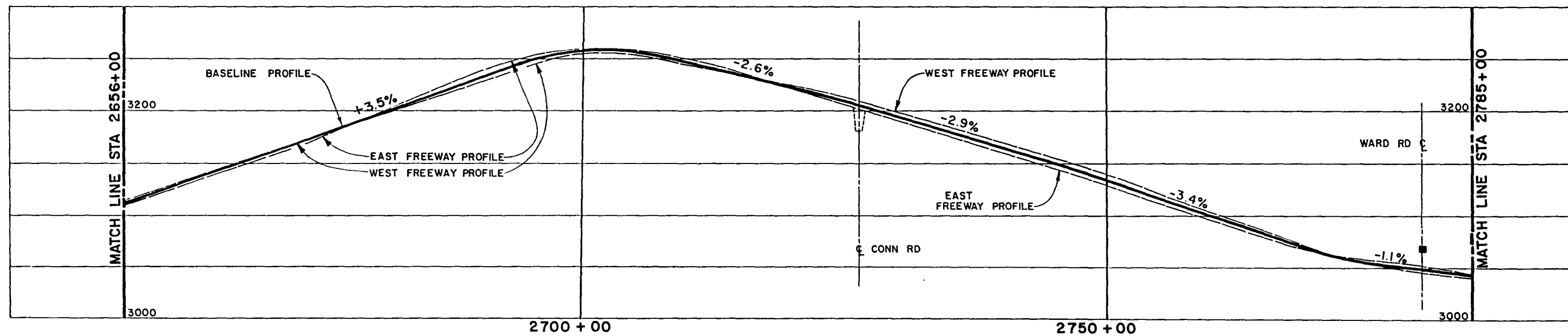
BASELINE ALIGNMENT
STA 2523+00 TO STA 2656+00
PLAN & PROFILE



12kV
Apx. 40' Clearance

12kV
Apx. 45' Clearance

12kV
Apx. 35' Clearance



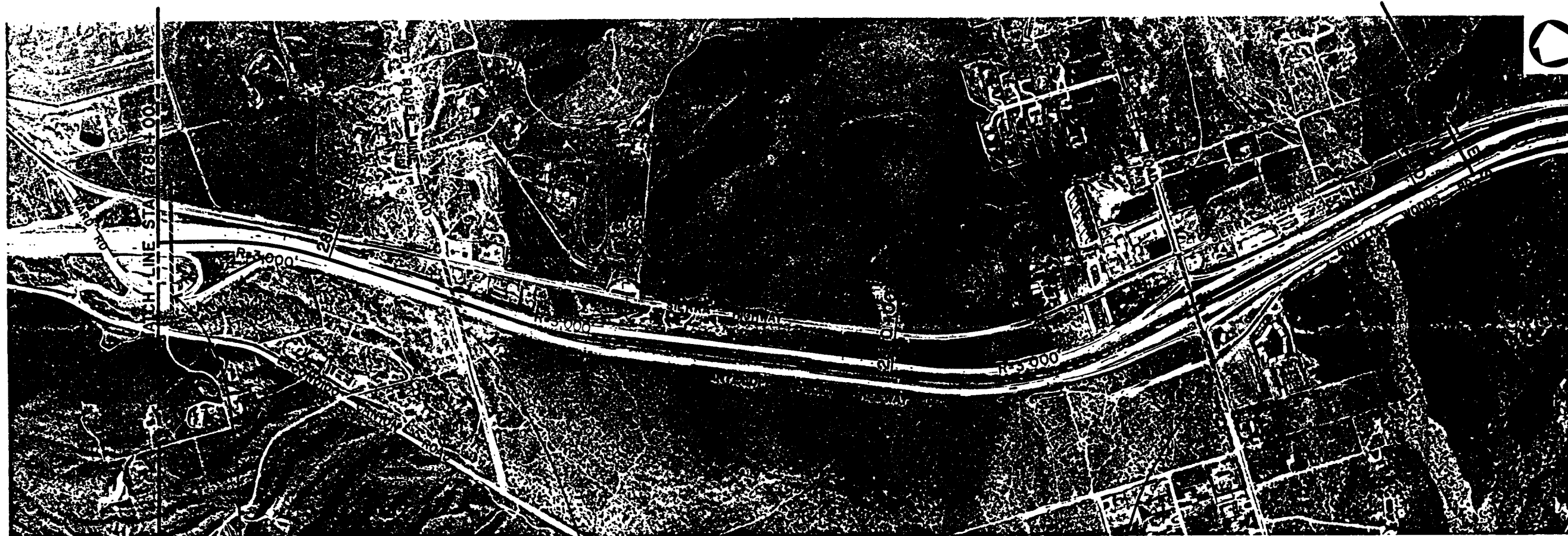
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 2656+00 TO STA 2785+00
PLAN & PROFILE

22
SHEET NO.

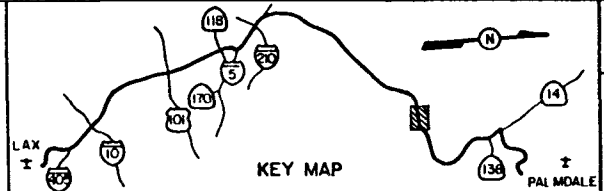
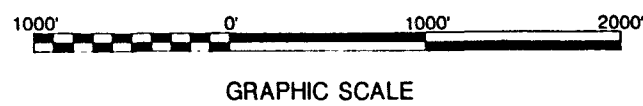
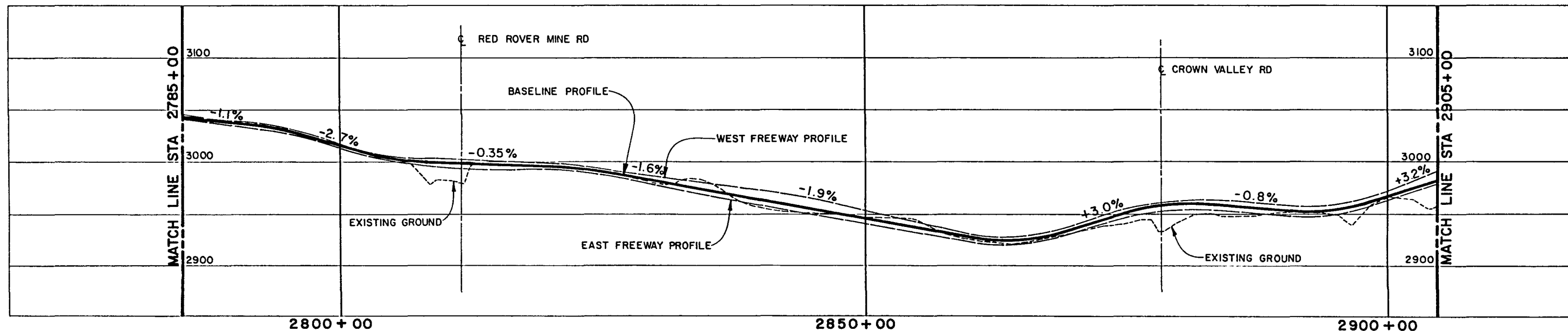


12kV
Apx. 35' Clearance

12kV
Apx. 30' Clearance

SCE 12kV Apx. Height 28'

Note:
 • All approx. clearances are measured from existing grade.
 • Information regarding utility locations and/or easements was provided by Southern California Edison Company without representation or warranty. LACTC does not represent or warrant the accuracy, completeness or correctness of utility relocations or easements noted hereon.



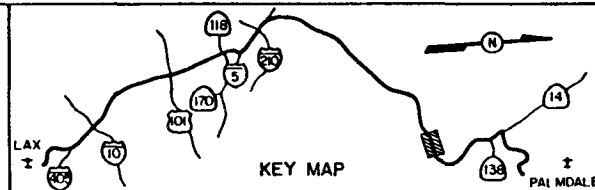
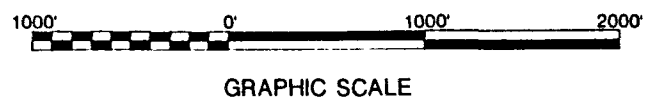
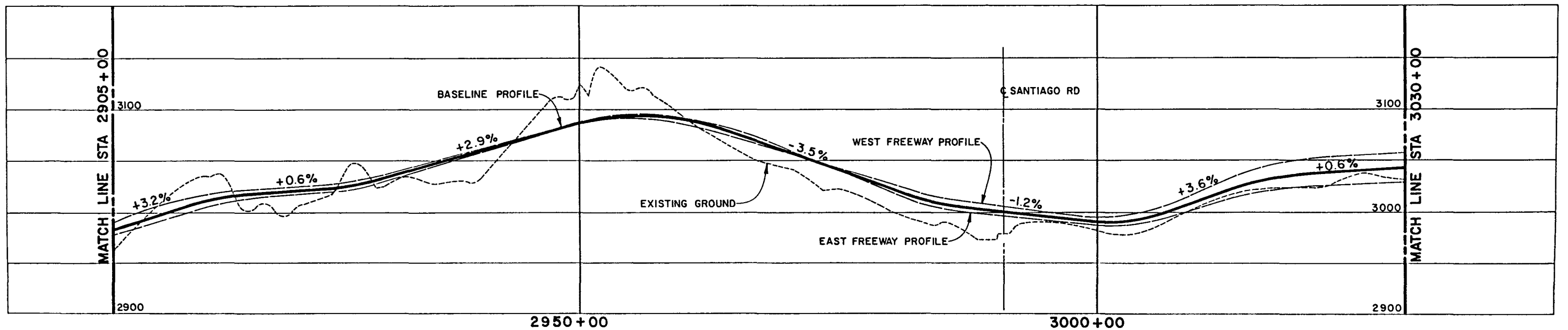
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

BASELINE ALIGNMENT
 STA 2785+00 TO STA 2905+00
 PLAN & PROFILE

23
 SHEET NO.



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 2905+00 TO STA 3030+00
PLAN & PROFILE



- SCE 12kV (Spur 12kV)
Apx. 27' Clearance
- SCE Seawest 220kV
Clearance Unknown
- SCE Antelope-Mesa 220kV
Clearance Unknown
- SCE Antelope-Vincnet 220kV
Clearance Unknown

Note:
 • All approx. clearances are measured from existing grade.
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SCE 12kV (Spur 12kV)
Apx. 38' Clearance

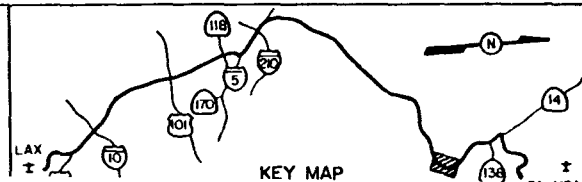
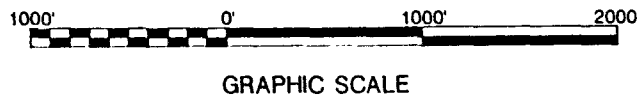
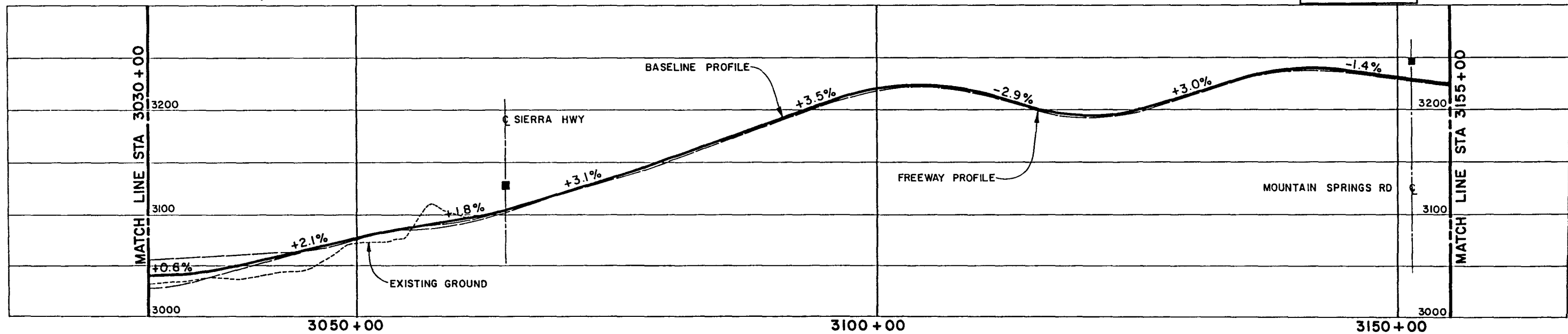
SCE 12kV (Spur 12kV)
Apx. 43' Clearance

SCE Midway - Vincnet #2
500kV Apx. Clearance

SCE Midway - Vincnet #3
500kV Apx. Clearance

SCE Midway - Vincnet #1
500kV Apx. Clearance

SCE 12kV (spur 12kV)
Apx. 35' Clearance



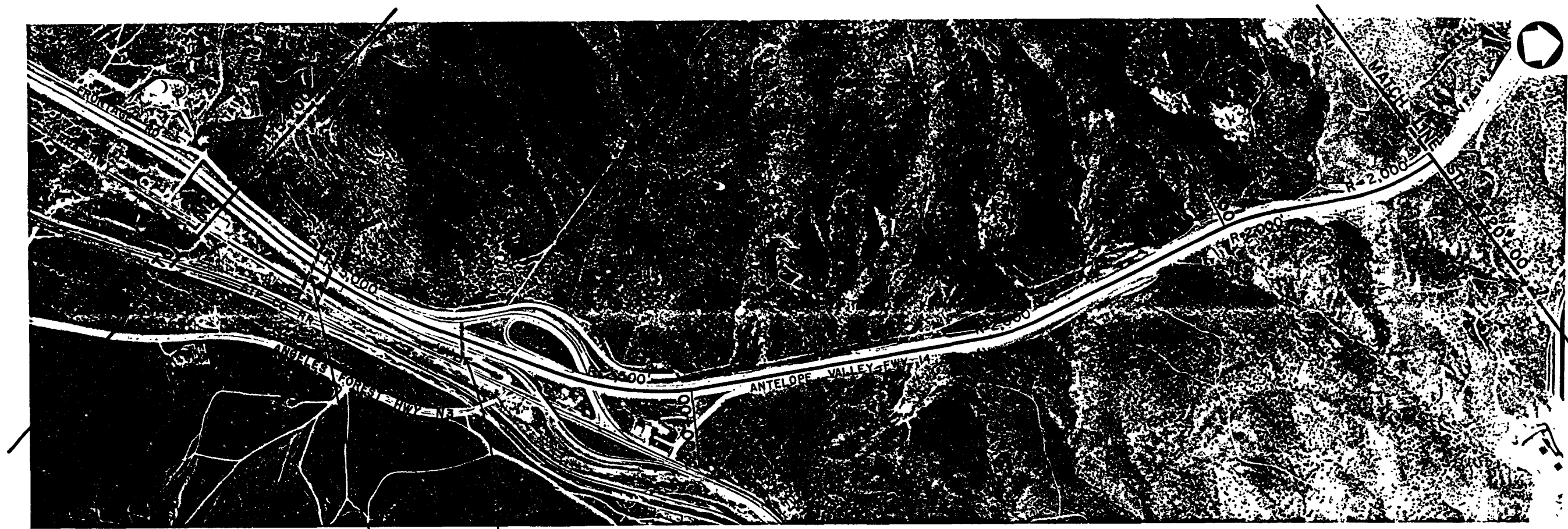
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

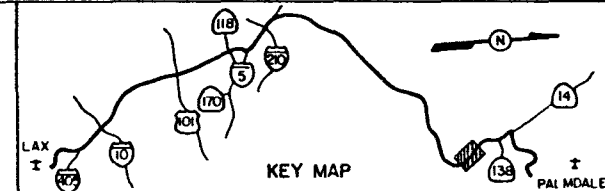
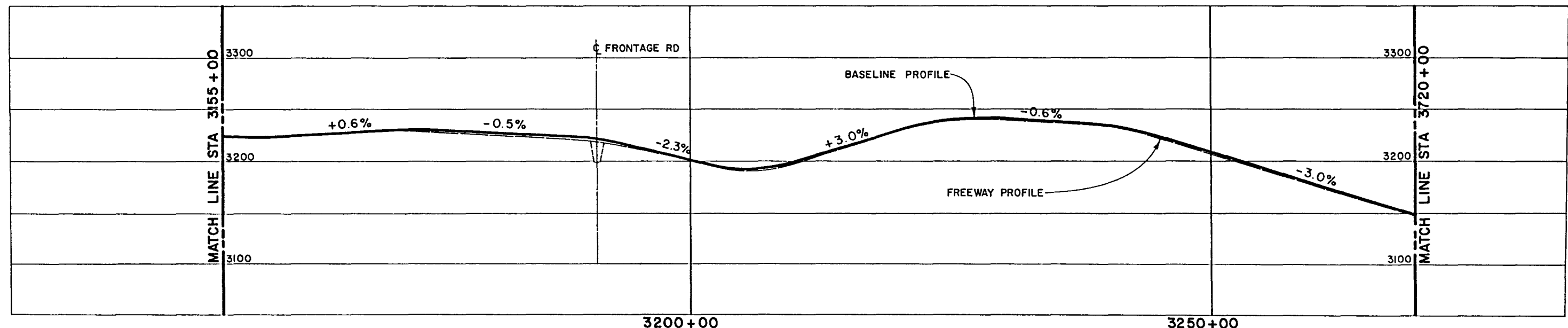
BASELINE ALIGNMENT
 STA 3030+00 TO STA 3155+00
 PLAN & PROFILE

25
 SHEET NO.



SCE 12kV (Spur 12kV)
Apx. 23' Clearance
DWP 500kV Circuit
Clearance Unknown

Note:
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LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

LACTC

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 3155+00 TO STA 3720+00
PLAN & PROFILE

26
SHEET NO.



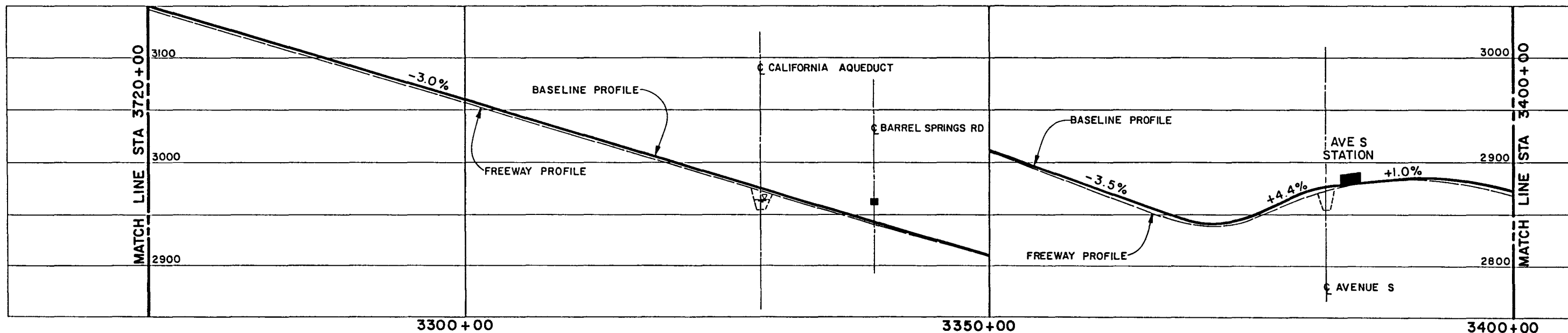
Note:
 • All approx. clearances are measured from existing grade.
 • Information regarding utility locations and/or easements was provided by Southern California Edison Company without representation or warranty. LACTC does not represent or warrant the accuracy, completeness or correctness of utility relocations or easements noted hereon.

SCE Leona 12kV
 Apx. 26' Clearance

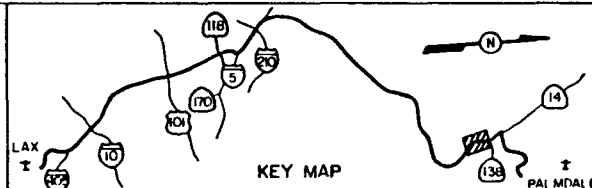
SCE Leona 12kV
 Apx. 35' Clearance

SCE Leona 12kV
 Apx. 26' Clearance

SCE Leona 12kV
 Apx. 32' Clearance



GRAPHIC SCALE



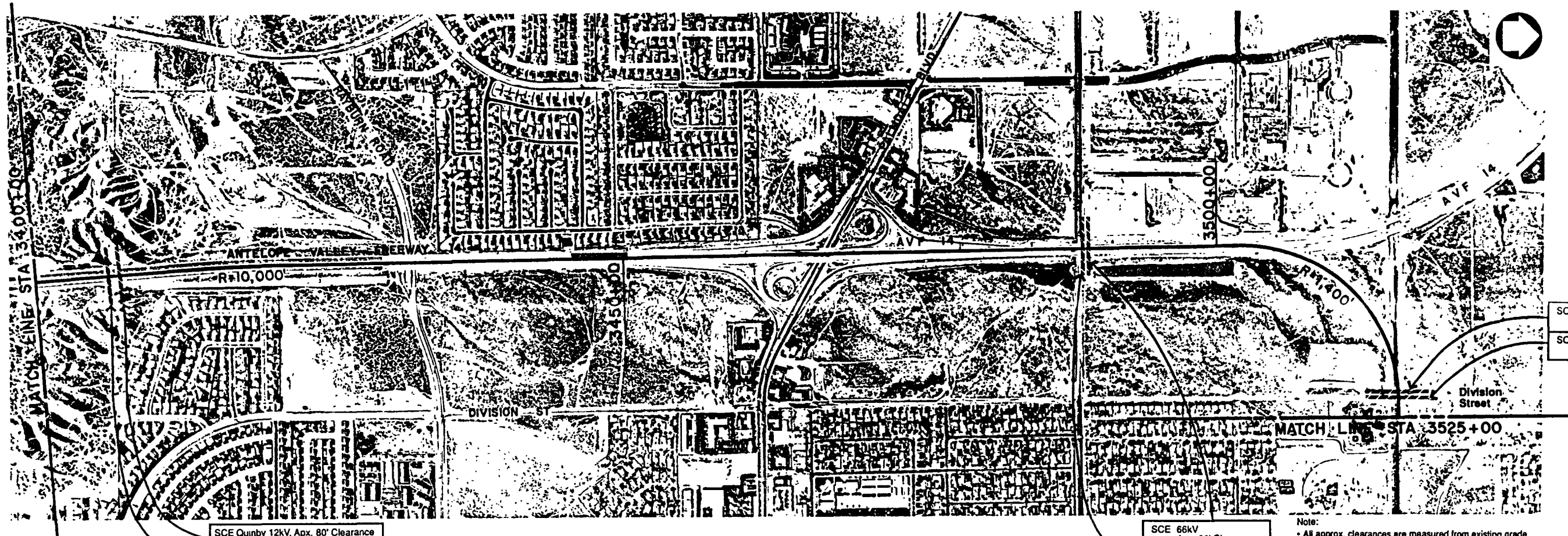
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR
 ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSPORT ENGINEERS

BASELINE ALIGNMENT
 STA 3720+00 TO STA 3400+00
 PLAN & PROFILE

27
 SHEET NO.

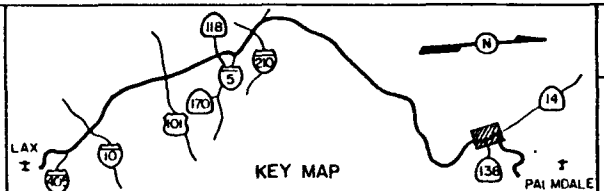
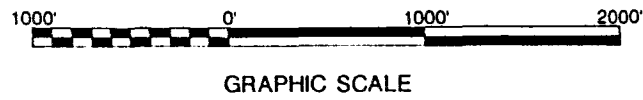
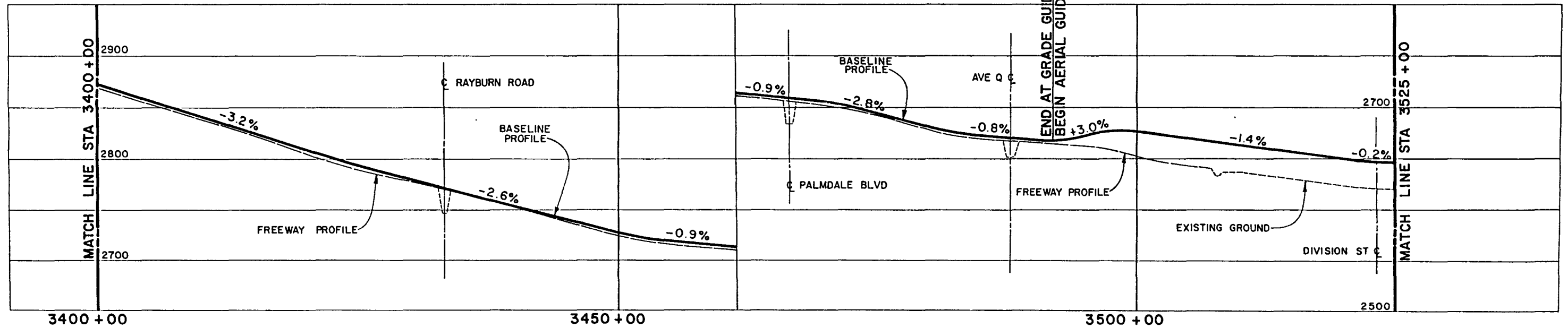


SCE Rayburn 12kV
Apx. 40' Clearance
SCE 2 - 66kV Circuits
Apx. 50' Clearance

SCE Quinby 12kV, Apx. 80' Clearance
Acton 12kV, Apx. 80' Clearance
SCE 66kV
Apx. 90' Clearance

SCE 66kV
Apx. 36' Clearance
SCE Rayburn 12kV
Apx. 24' Clearance

Note:
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TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 3400+00 TO STA 3525+00
PLAN & PROFILE

28
SHEET NO.



66kV Circuit - Wood Poles
Apx. 50' Clearance

Beone 12kV
Apx. 38' Clearance

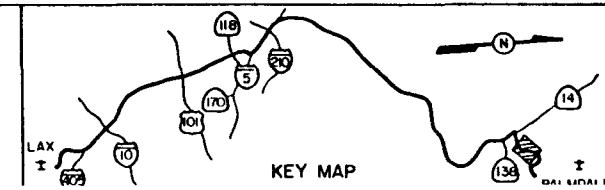
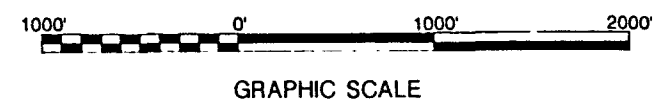
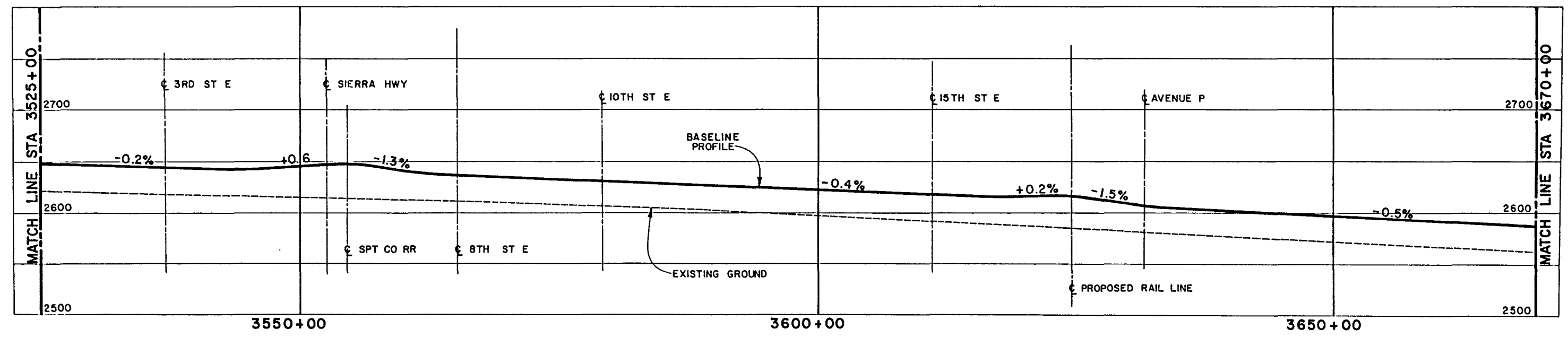
Beone 12kV
Apx. 35' Clearance
W/S of 15th St. East

Rayburn 12kV
12kV Apx. 40' Clearance
240V Apx. 34' Clearance

Beone 12kV
Apx. 45' Clearance

Beone 12kV
Apx. 38' Clearance

Beone 12kV
12kV Apx. 39' Clearance
240V Apx. 29' Clearance



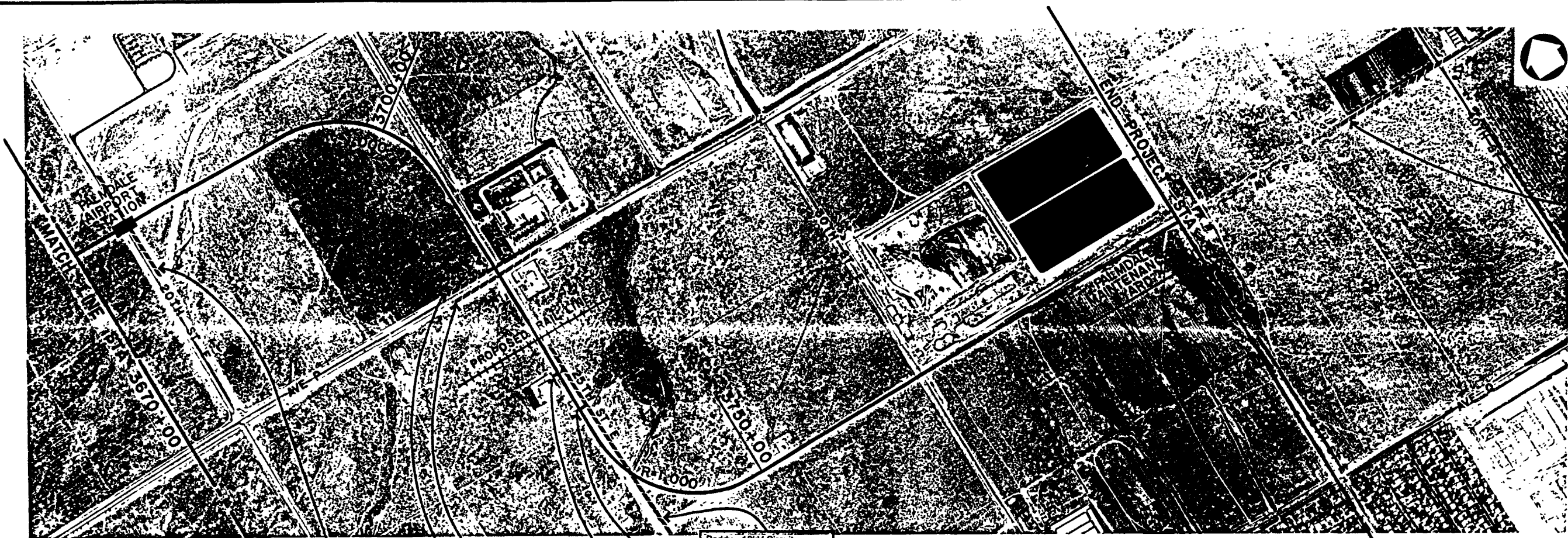
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

BASELINE ALIGNMENT
STA 3525+00 TO STA 3670+00
PLAN & PROFILE

29
SHEET NO.

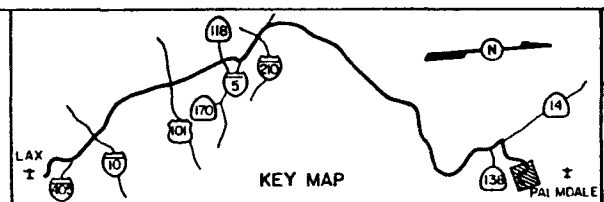
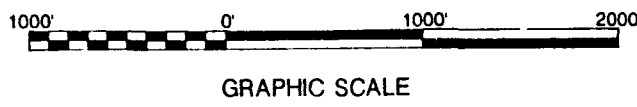
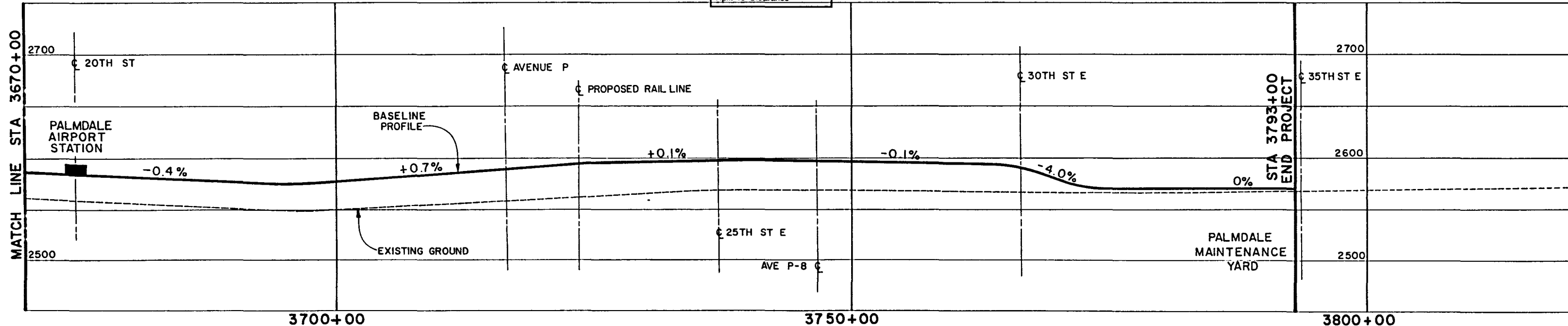


12kV Line
Clearance Unknown

Boone 12kV
12kV Apx. 26' Clearance
120/240V Apx. 20' Clearance

66kV
Apx. 49' Clearance
Paddy 12kV
Apx. 37' Clearance

Paddy - 12kV Circuit
Apx. 39' Clearance
Paddy 12kV
12kV Apx. 34' Clearance
120/240V Apx. 25' Clearance
Paddy 12kV
Apx. 40' Clearance



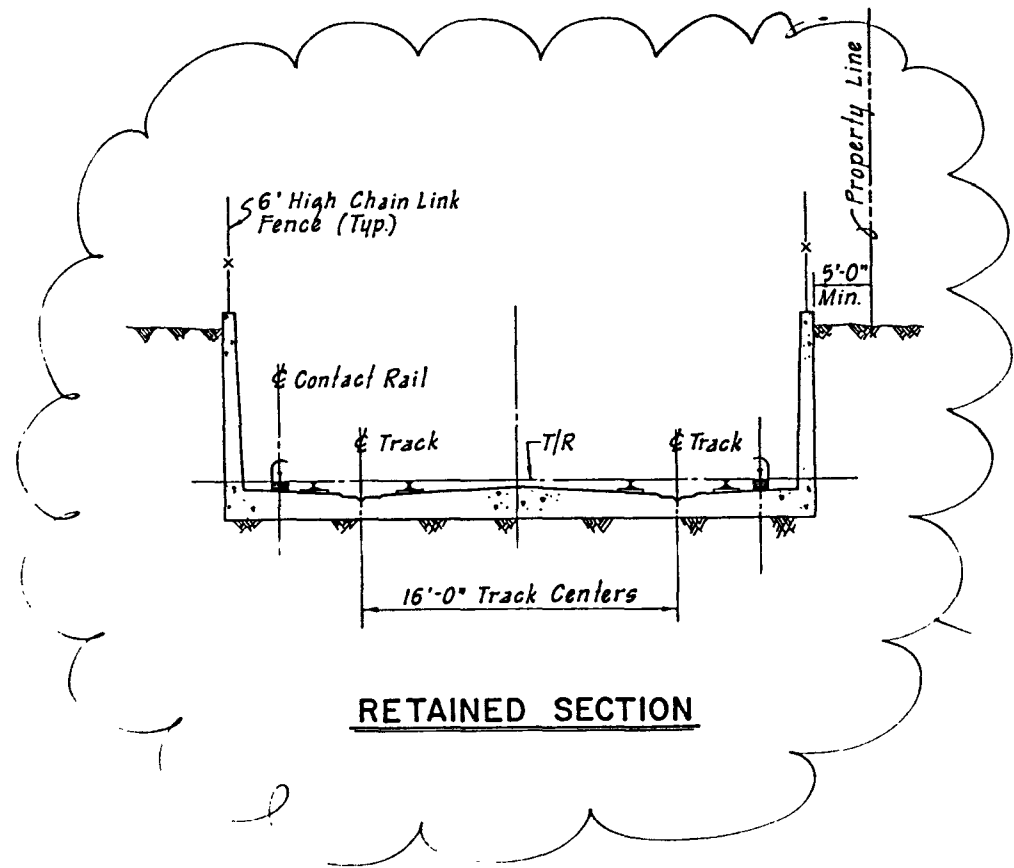
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

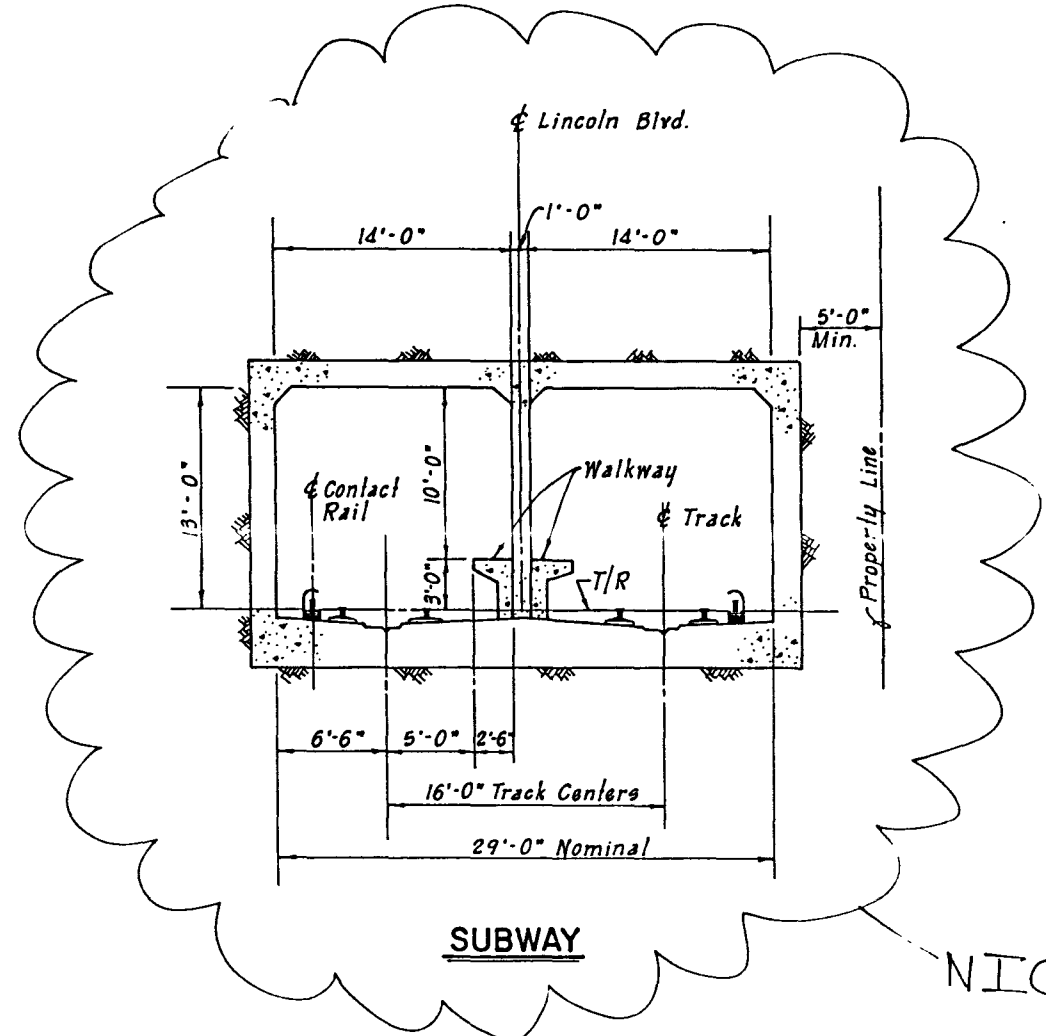
BASELINE ALIGNMENT
STA 3670+00 TO STA 3793+00
PLAN & PROFILE

30
SHEET NO.



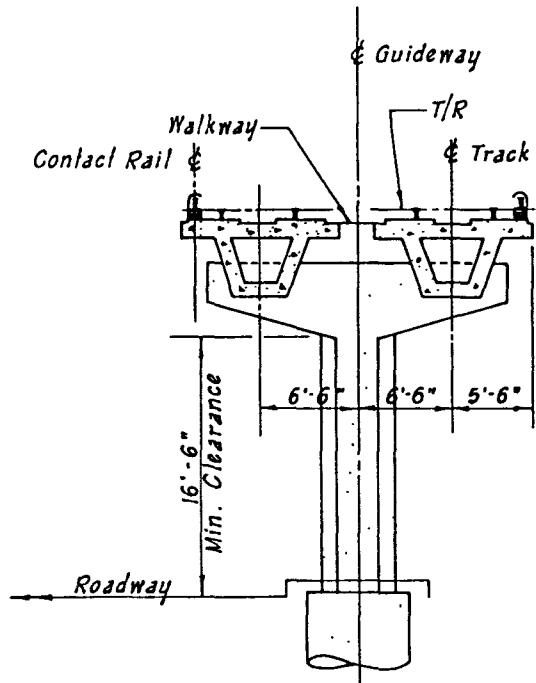
RETAINED SECTION

NIC

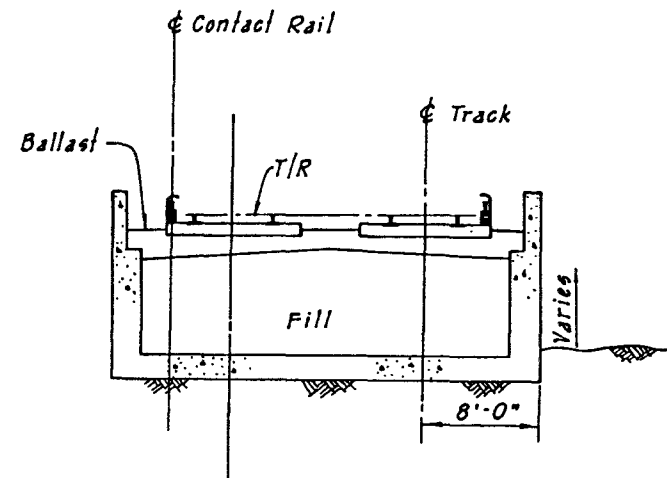


SUBWAY

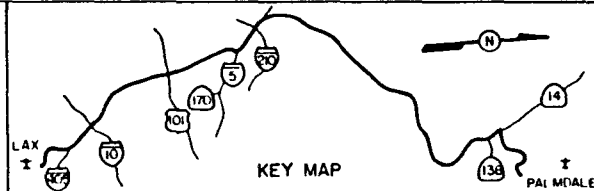
NIC



GUIDEWAY



RETAINED EARTH FILL
(TRANSITION BETWEEN AERIAL & AT-GRADE)



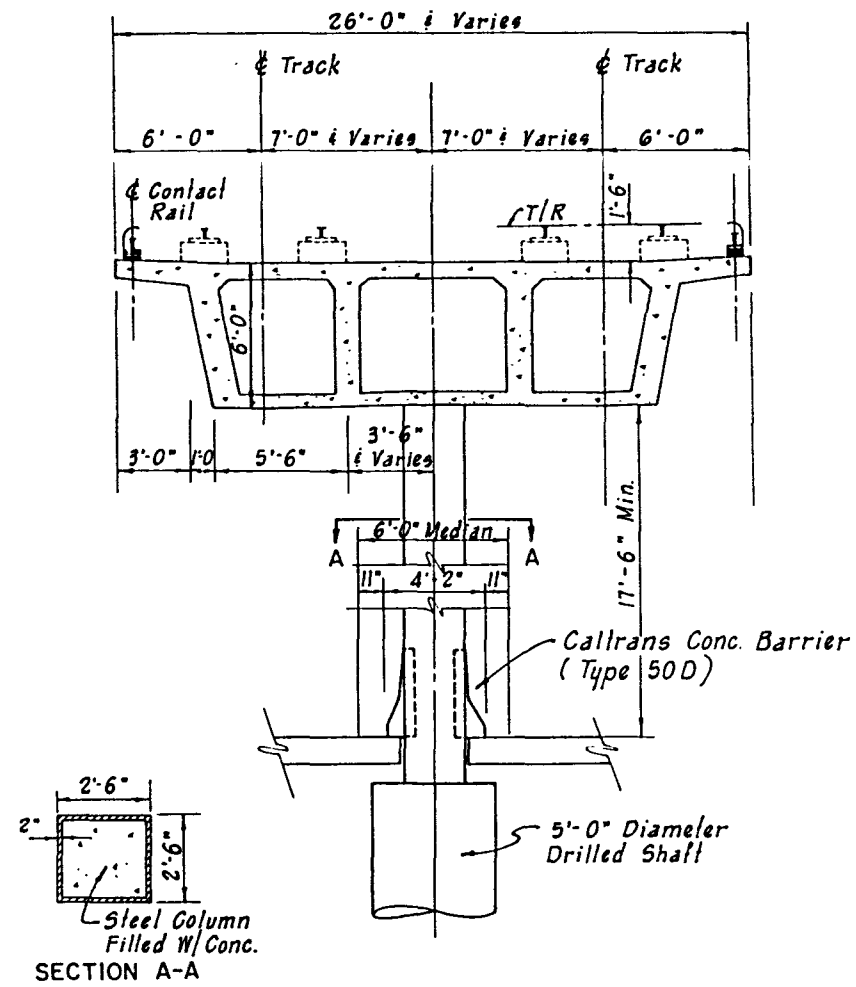
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

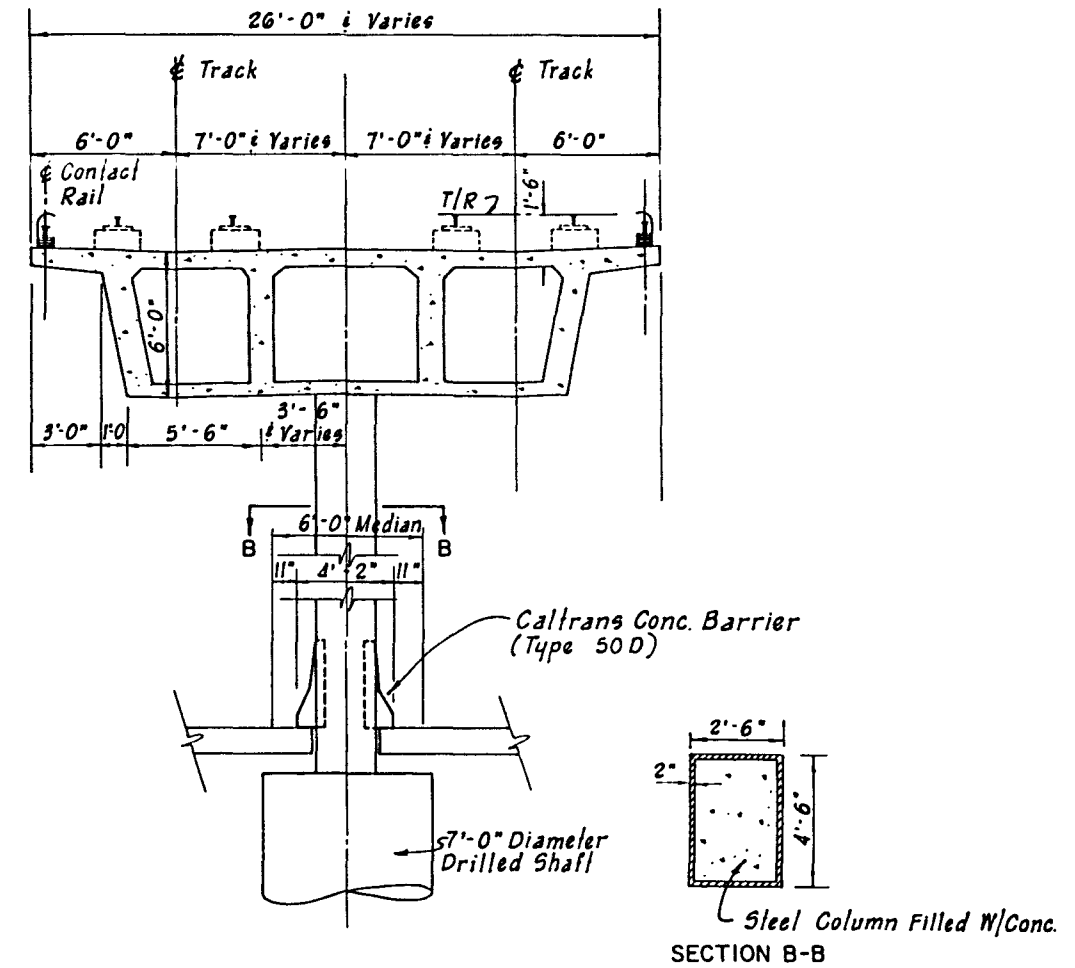
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

TYPICAL SECTIONS
STA. 38 + 50 TO STA. 205 + 00

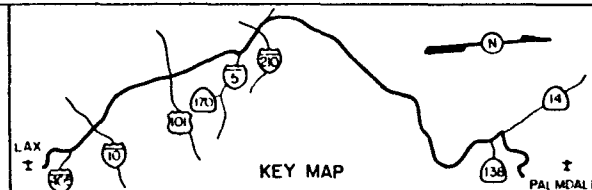
31
SHEET NO.



AERIAL GUIDEWAY STEEL COLUMN
(20' MAX.)



AERIAL GUIDEWAY STEEL COLUMN
(40' MAX.)

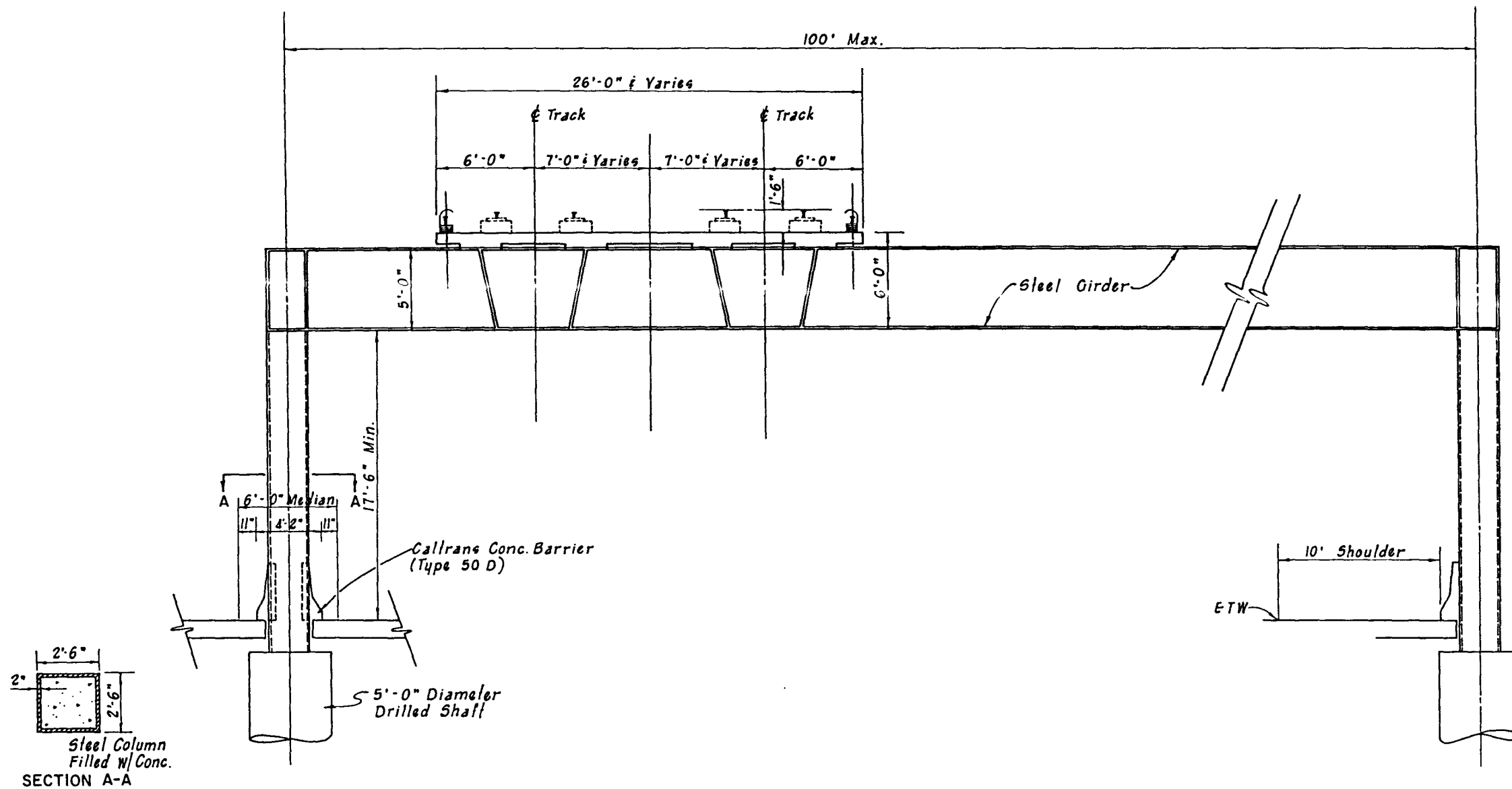


LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

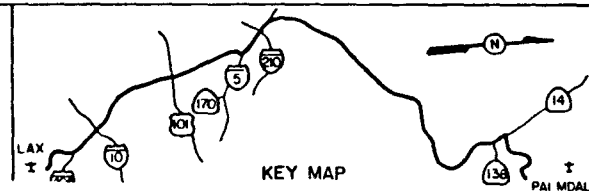
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

TYPICAL SECTIONS
STA. 300+00 TO STA. 930+00



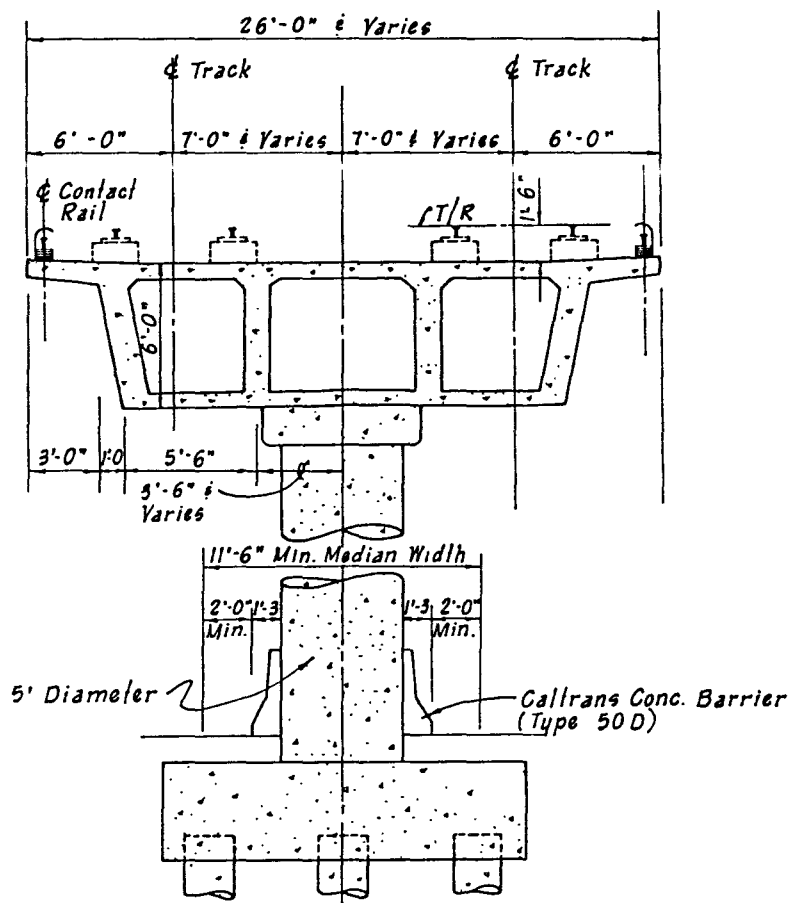
**AERIAL GUIDEWAY STRADDLE BENT
(20' MAX.)**

Note: Straddle bents with up to 40' maximum columns are similar except that columns are 2'-6" x 4'-6" with larger drilled shafts.

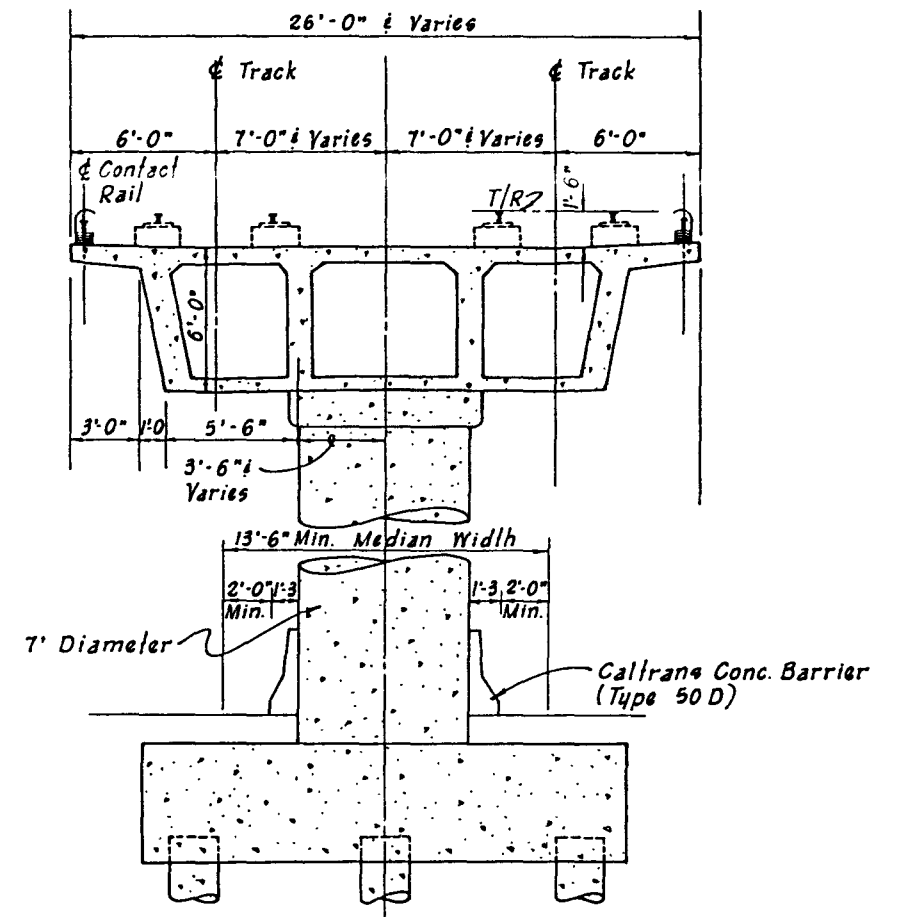


<p>LOS ANGELES COUNTY TRANSPORTATION COMMISSION LAX - Palmdale Advanced Technology Demonstration Project</p>	<p>ICF KAISER ENGINEERS (CALIFORNIA) CORPORATION</p>	<p>TUDOR ENGINEERING COMPANY BRAUKIS & ASSOCIATES TRANSIT ENGINEERS</p>
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**TYPICAL SECTIONS
STA. 300+00 TO STA. 930+00**

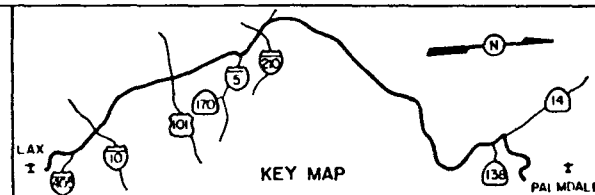


AERIAL GUIDEWAY CONCRETE COLUMN
(20' MAX.)



AERIAL GUIDEWAY CONCRETE COLUMN
(50' MAX.)

*Note: Sections show construction in median.
For construction outside freeway,
delete concrete barrier or place on
one side as required.*



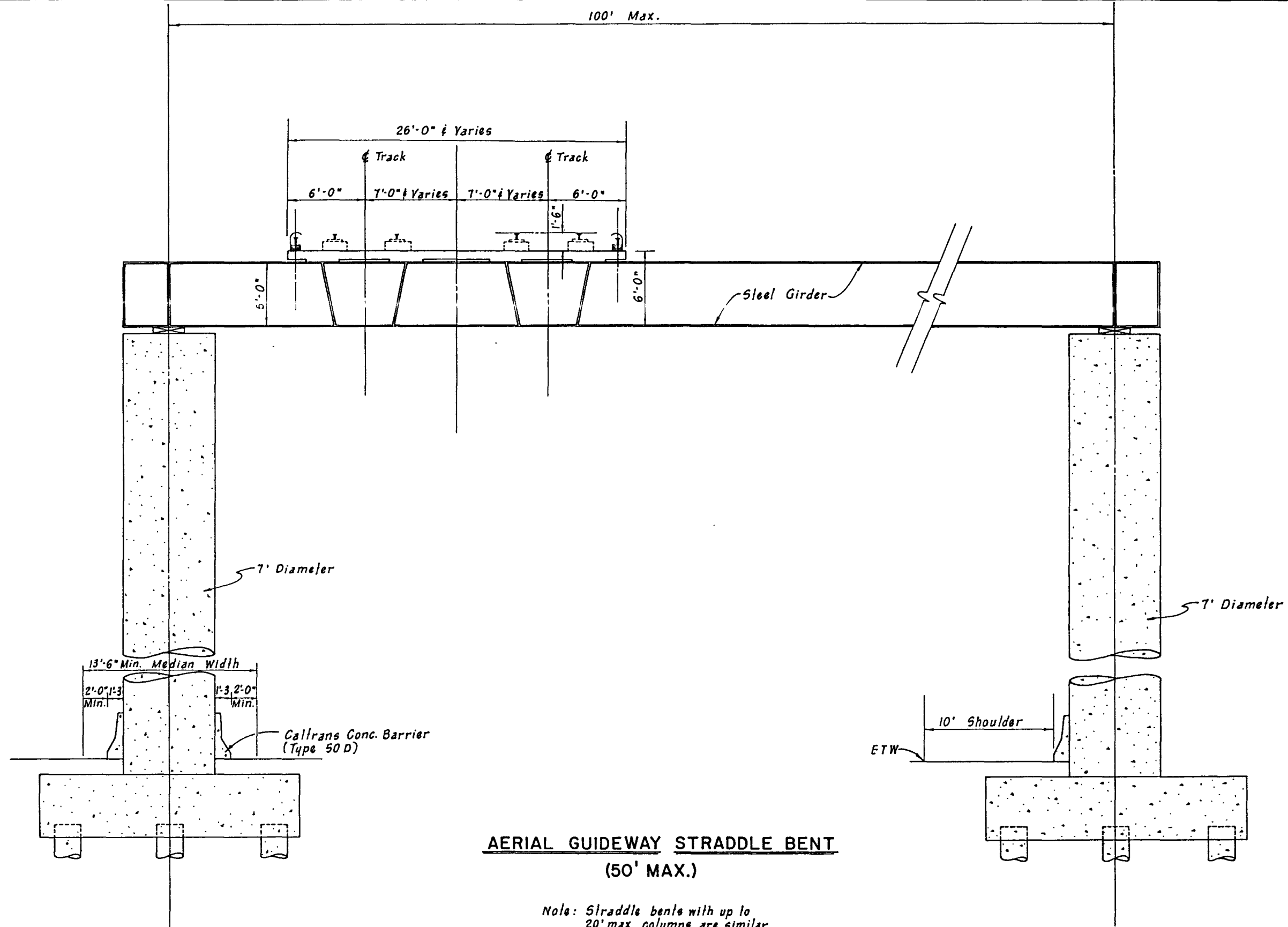
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX- Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

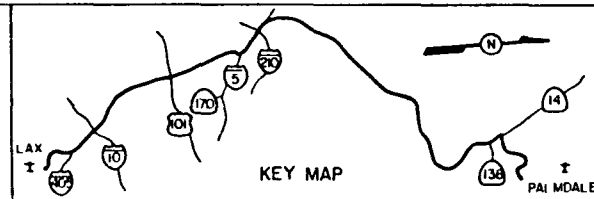
TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

TYPICAL SECTIONS
STA. 205+00 TO STA.300+00
STA. 930+00 TO STA.1750+00

34
SHEET NO.



Note: Straddle bents with up to 20' max. columns are similar except that columns are 5' diameter with smaller footing.



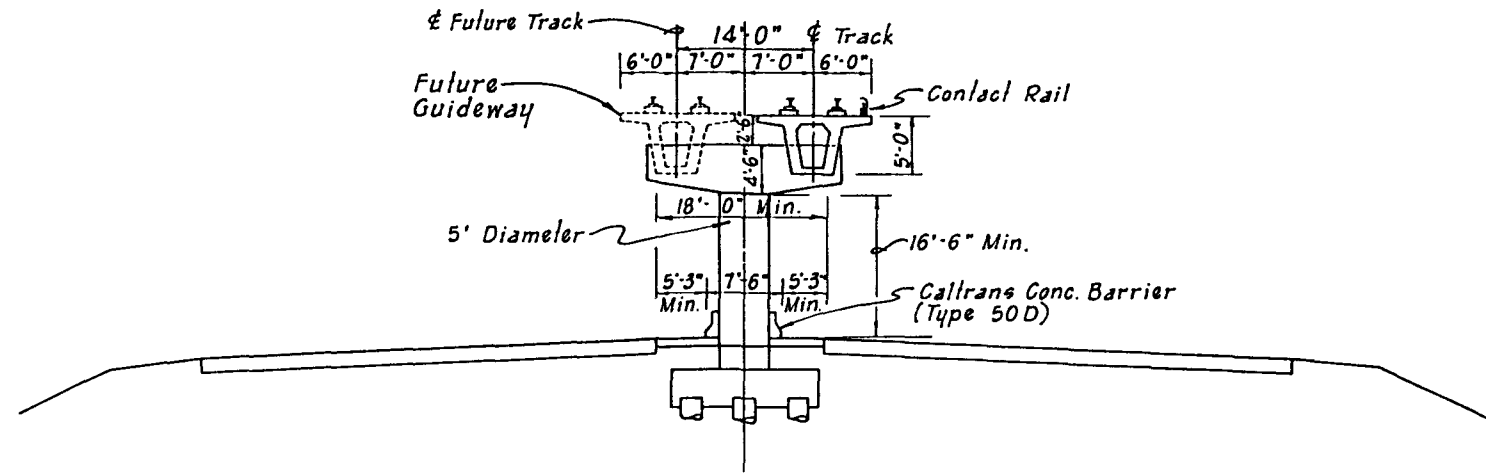
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

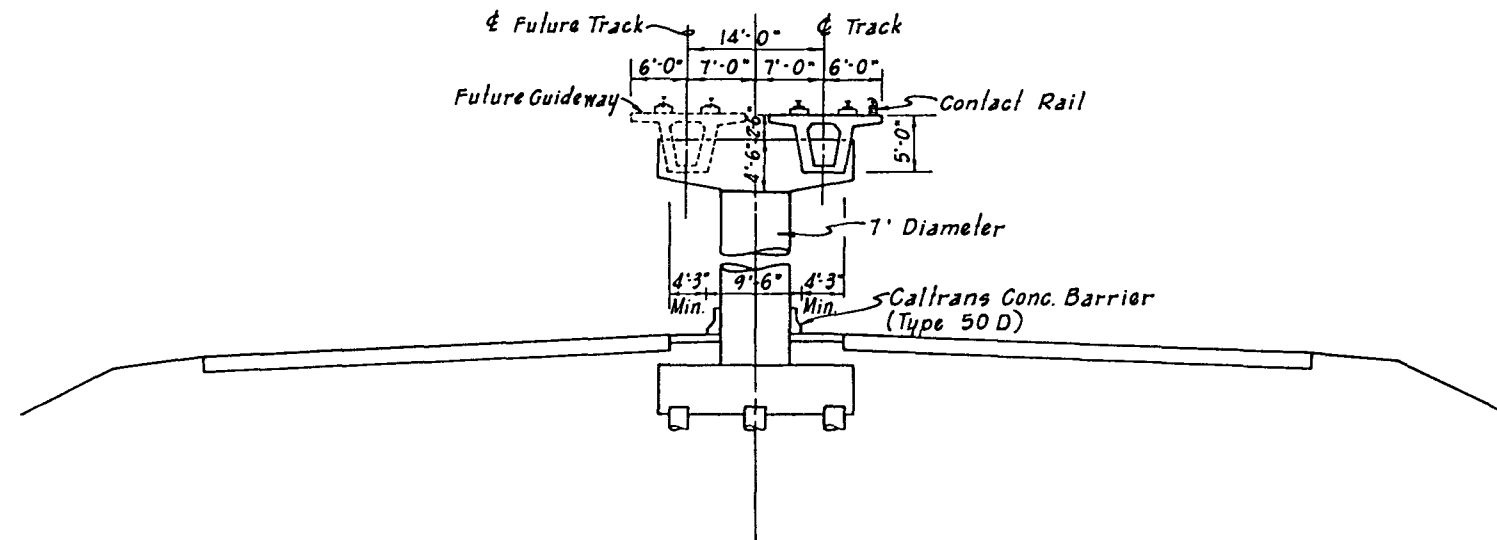
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSPORT ENGINEERS

TYPICAL SECTIONS
STA. 930+00 TO STA. 1750+00

35
SHEET NO.

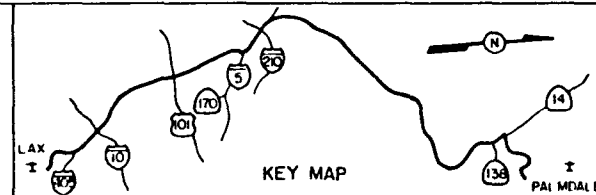


ROUTE 14 AERIAL GUIDEWAY
20'-0" MAX. COL



ROUTE 14 AERIAL GUIDEWAY
50'-0" MAX. COL.

NOTE: STADLE BENTS AT STA. 3505 ±
SHALL BE SIMILAR TO SECTION
SHOWN ON SHEET 35



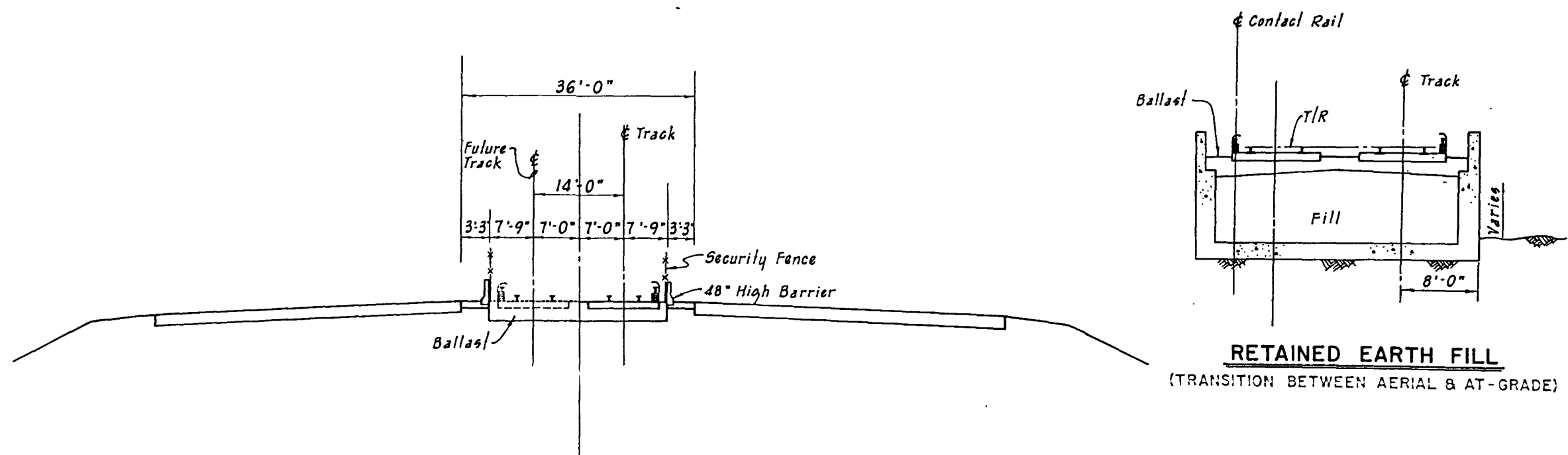
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

**ICF KAISER
ENGINEERS**
(CALIFORNIA) CORPORATION

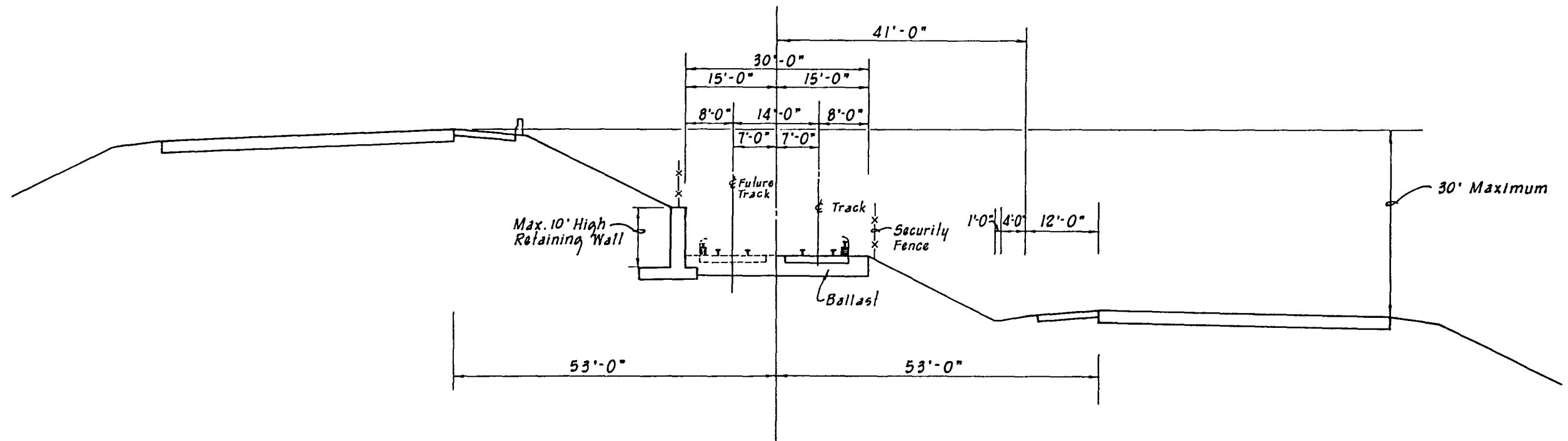
TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRAFFIC ENGINEERS

TYPICAL SECTIONS
STA. 3492+00 TO STA. 3772+00

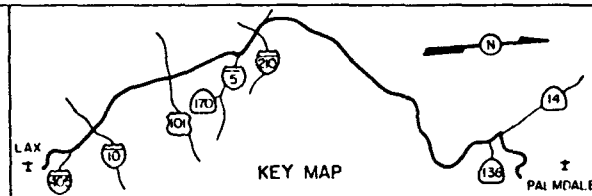
36
SHEET NO.



MINIMUM AT-GRADE 36' MEDIAN SECTION



TYPICAL 106' MEDIAN SECTION



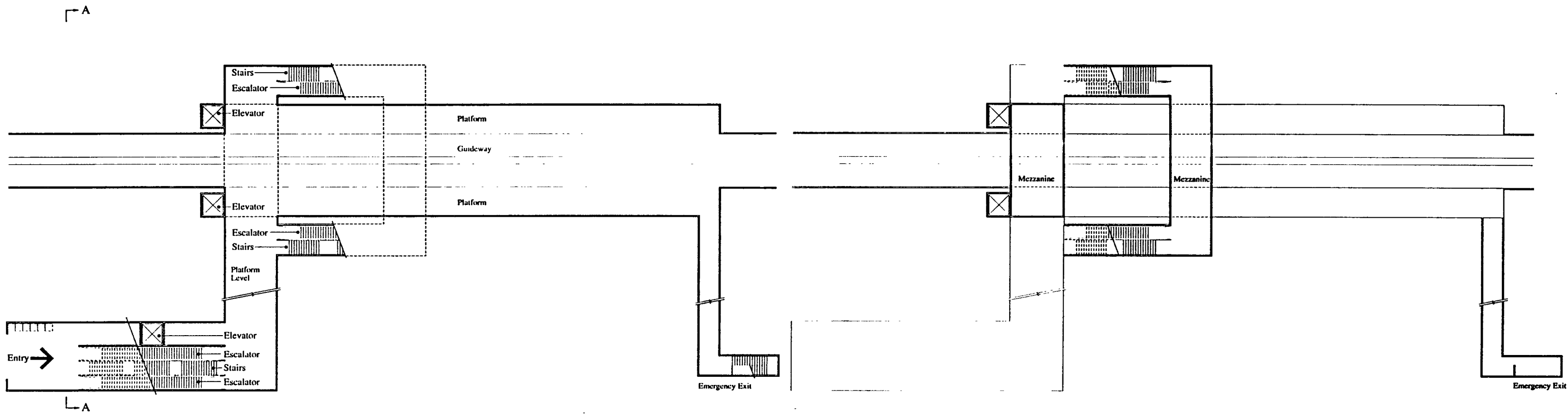
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LACTC
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR
 ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRAVEL ENGINEERS

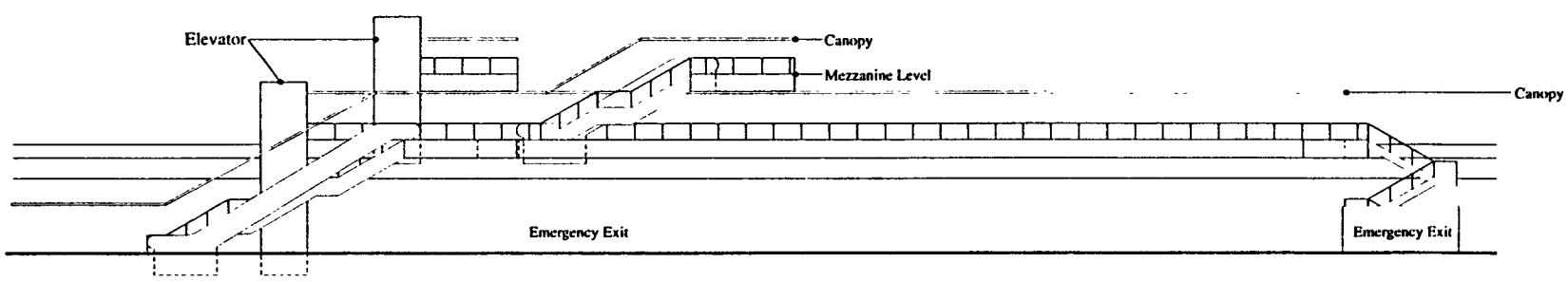
TYPICAL SECTIONS
 STA. 1750+00 TO STA. 3492+00

37
 SHEET NO.

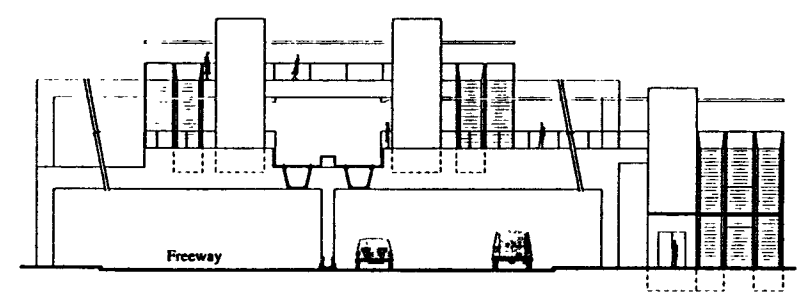


Ground & Platform Level

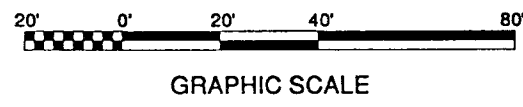
Mezzanine Level




Elevation



Section A•A




LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX- Palmdale Advanced Technology Demonstration Project

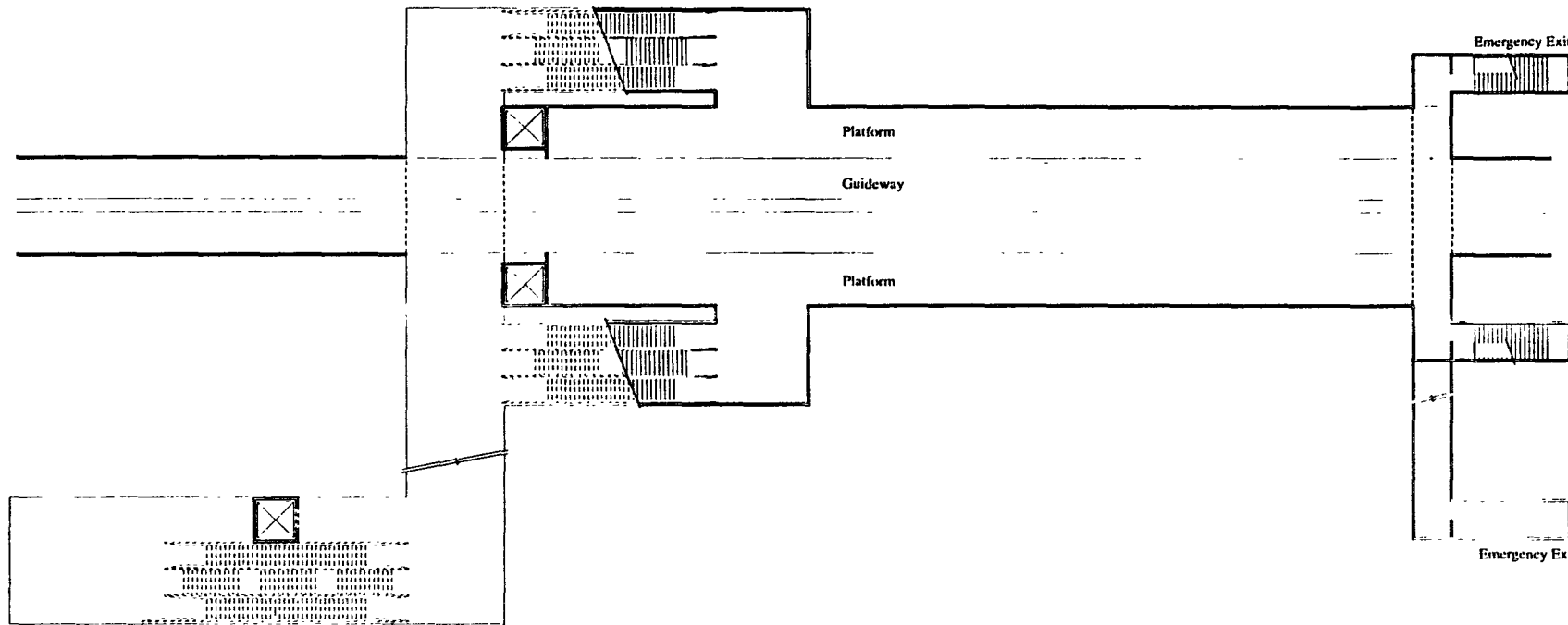
ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

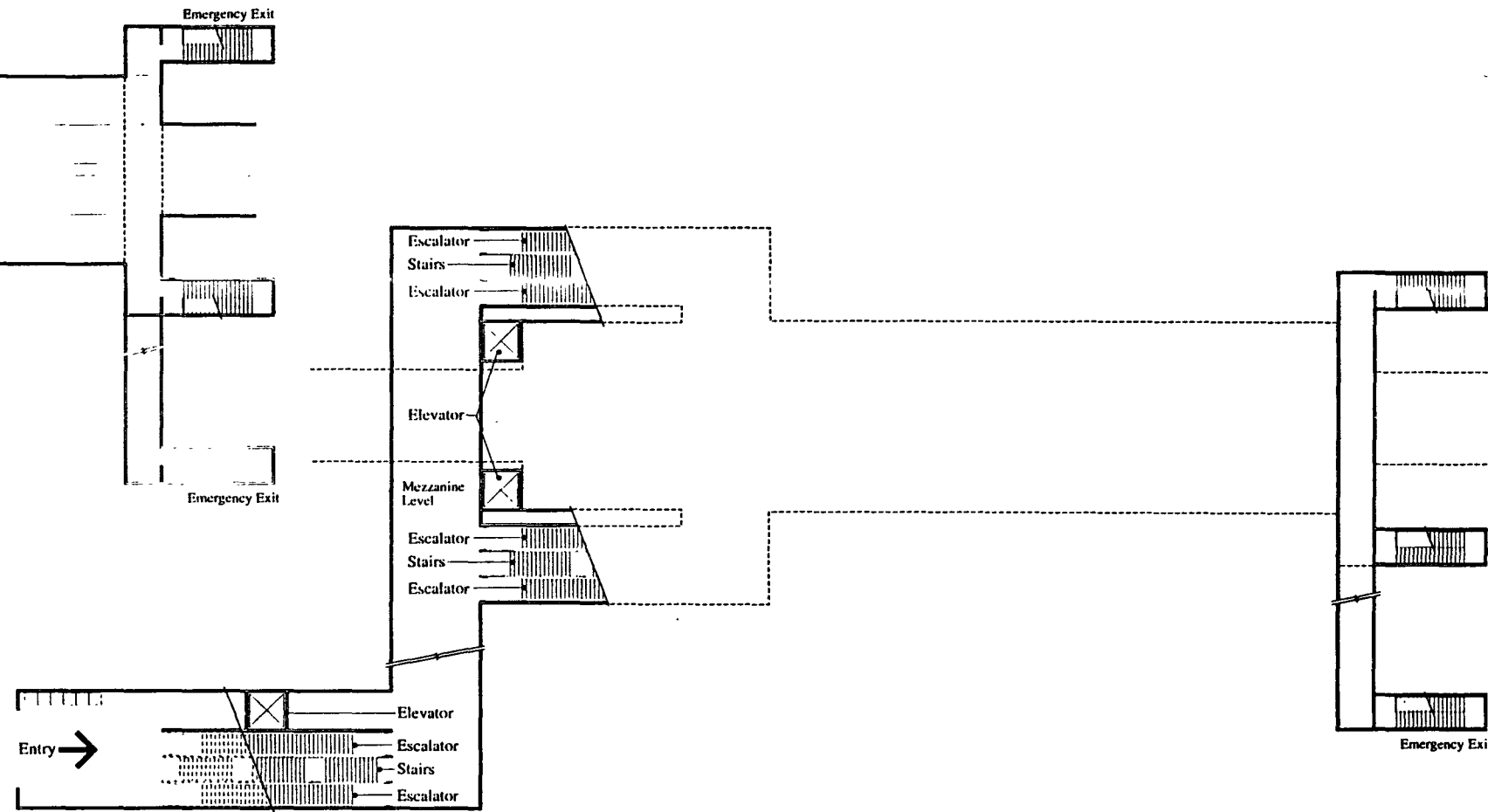
PROTOTYPICAL SIDE PLATFORM AERIAL STATION
 IN MEDIAN WITH ACCESS FROM MEZZANINE ABOVE

38
 SHEET NO.

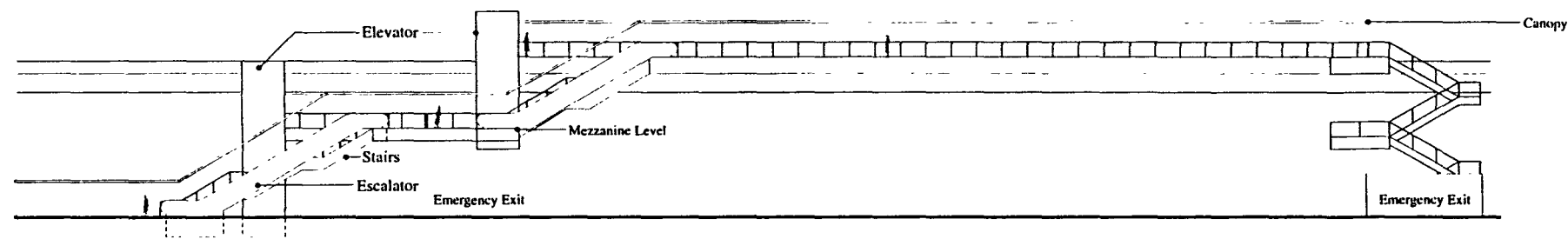
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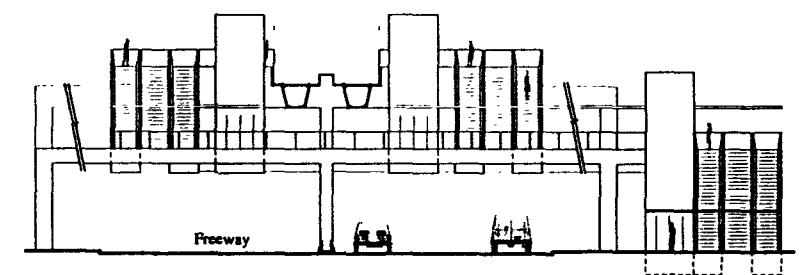
Platform Level



Ground & Mezzanine Level



Elevation



Section A•A



GRAPHIC SCALE



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

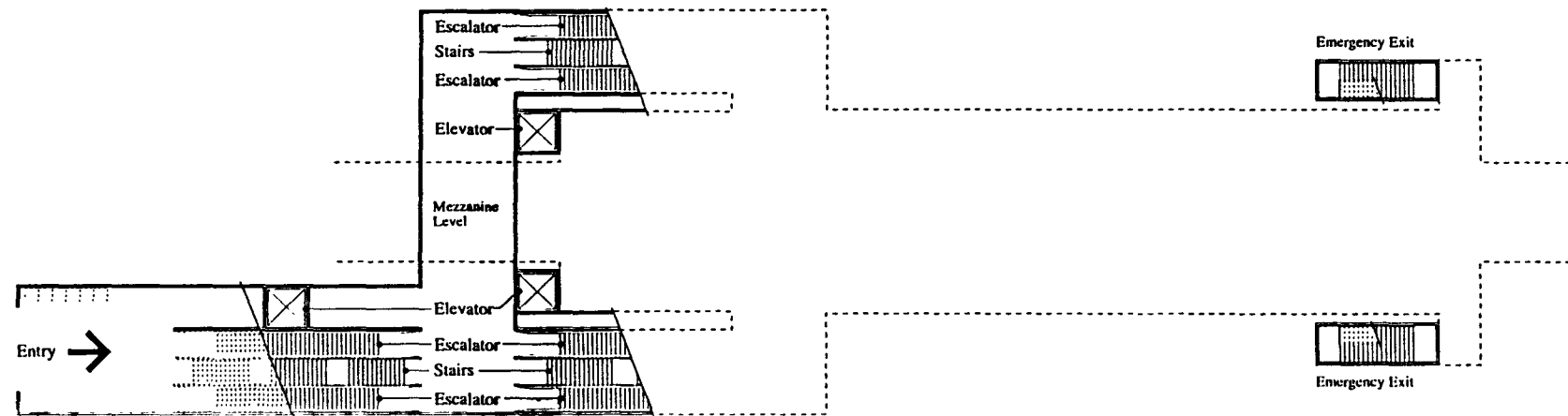
ICF KAISER
ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR
ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

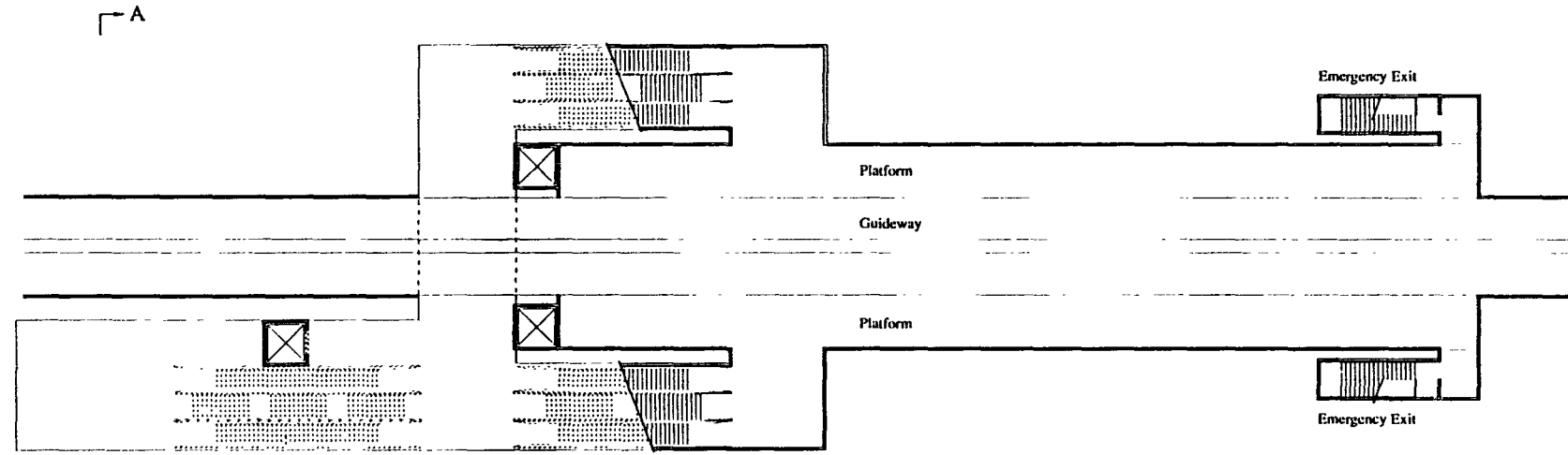
PROTOTYPICAL SIDE PLATFORM AERIAL STATION
IN MEDIAN WITH ACCESS FROM MEZZANINE BELOW

39

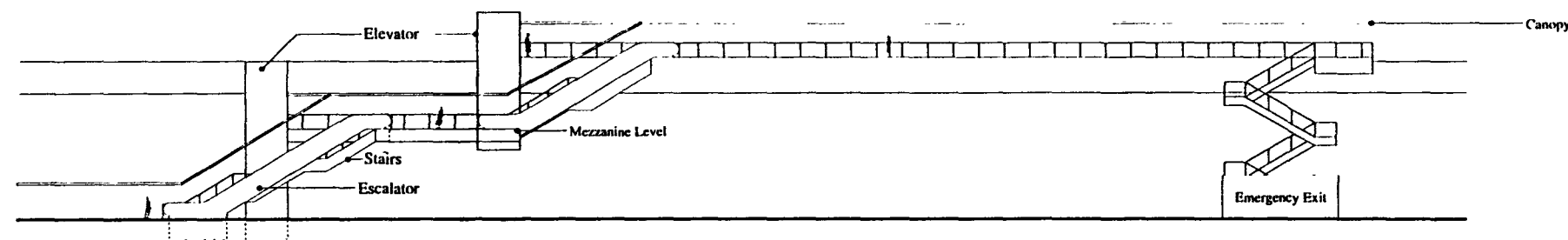
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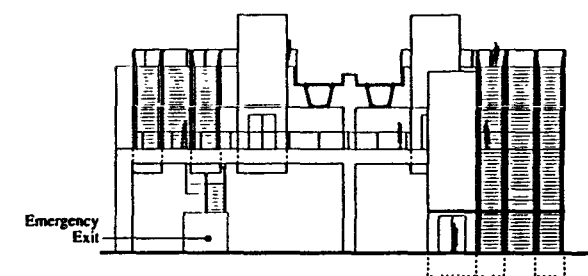
Ground & Mezzanine Level



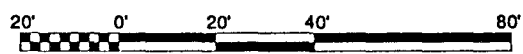
Platform Level



Elevation



Section A•A



GRAPHIC SCALE

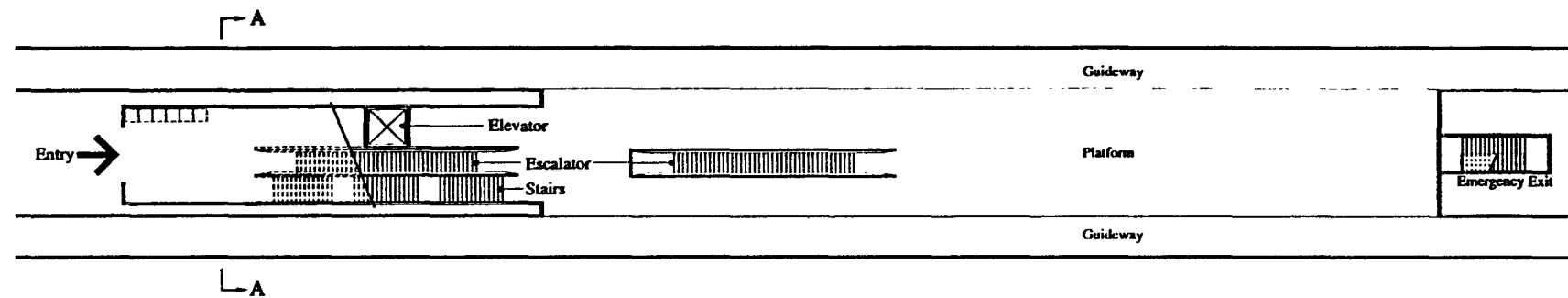
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX- Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

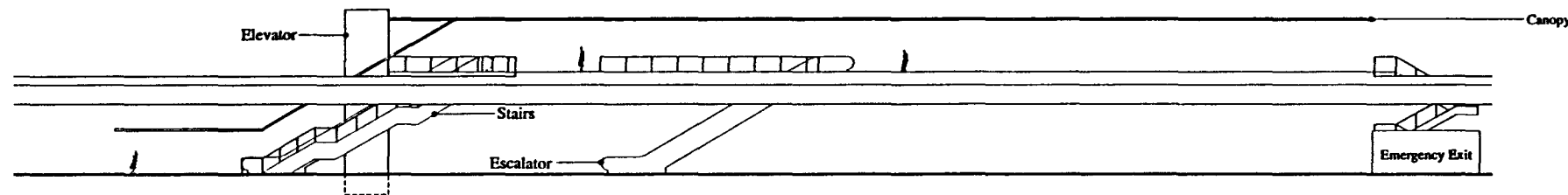
TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

PROTOTYPICAL SIDE PLATFORM AERIAL STATION
OFF-FREEWAY WITH ACCESS FROM MEZZANINE BELOW

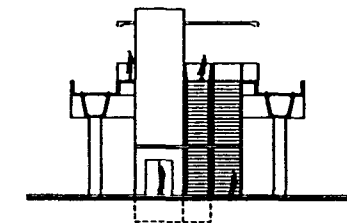
40
SHEET NO.



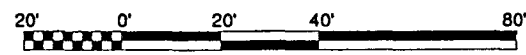
Ground & Platform Level



Elevation



Section A•A



GRAPHIC SCALE

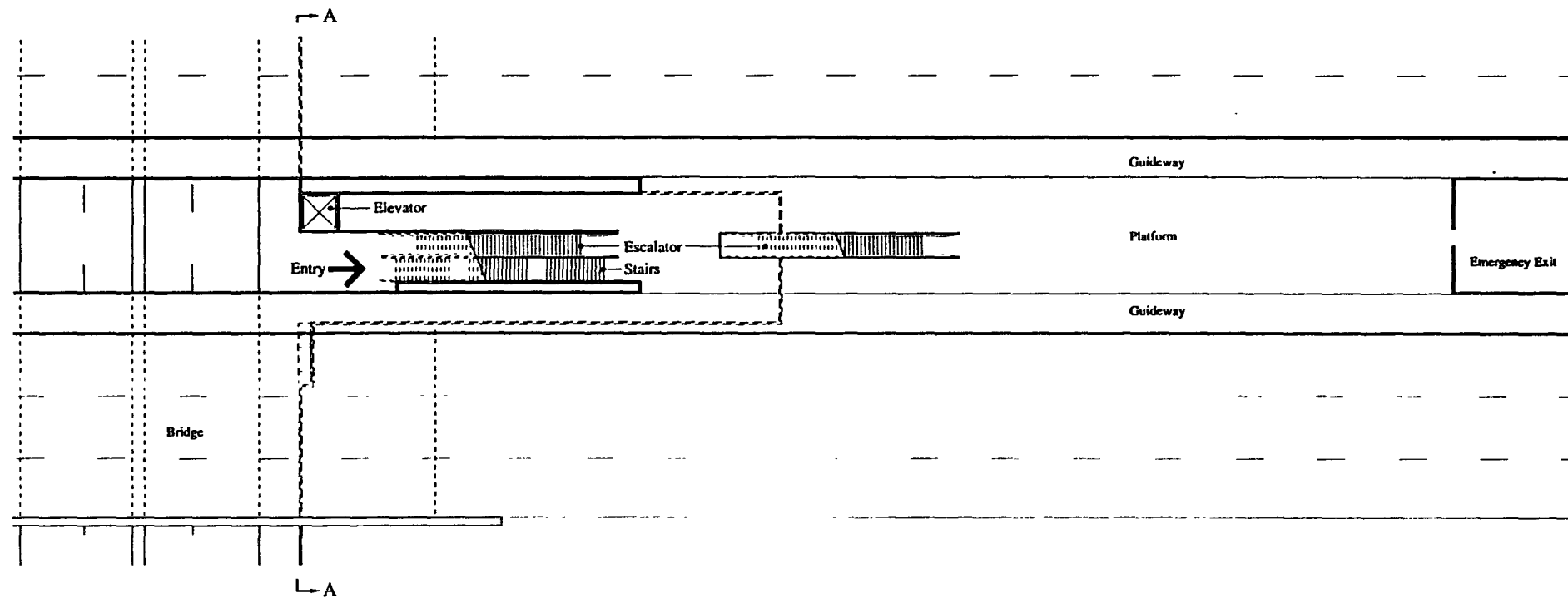

LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER
ENGINEERS
 (CALIFORNIA) CORPORATION

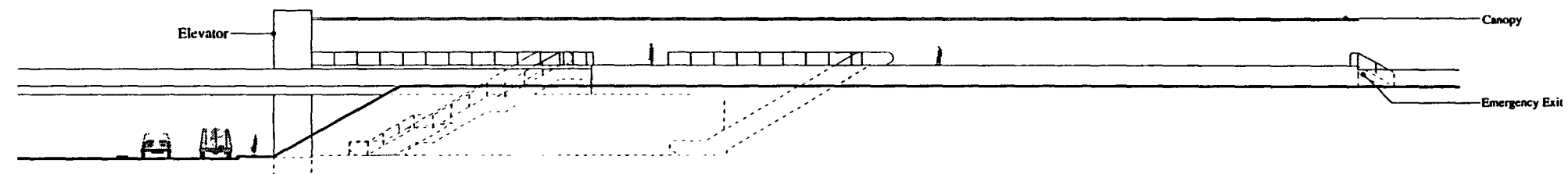
TUDOR
 ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

PROTOTYPICAL CENTER PLATFORM AERIAL STATION
 OFF-FREEWAY WITH ACCESS FROM GROUND LEVEL

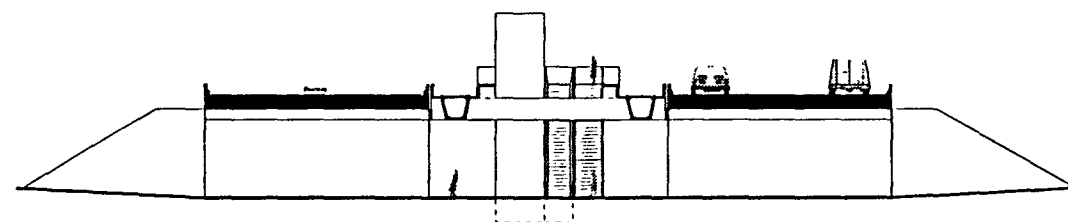
41
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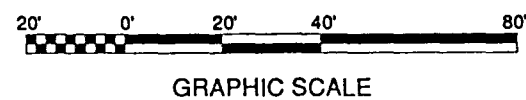
Ground & Platform Level



Elevation



Section A•A



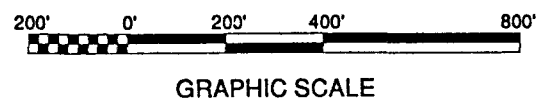
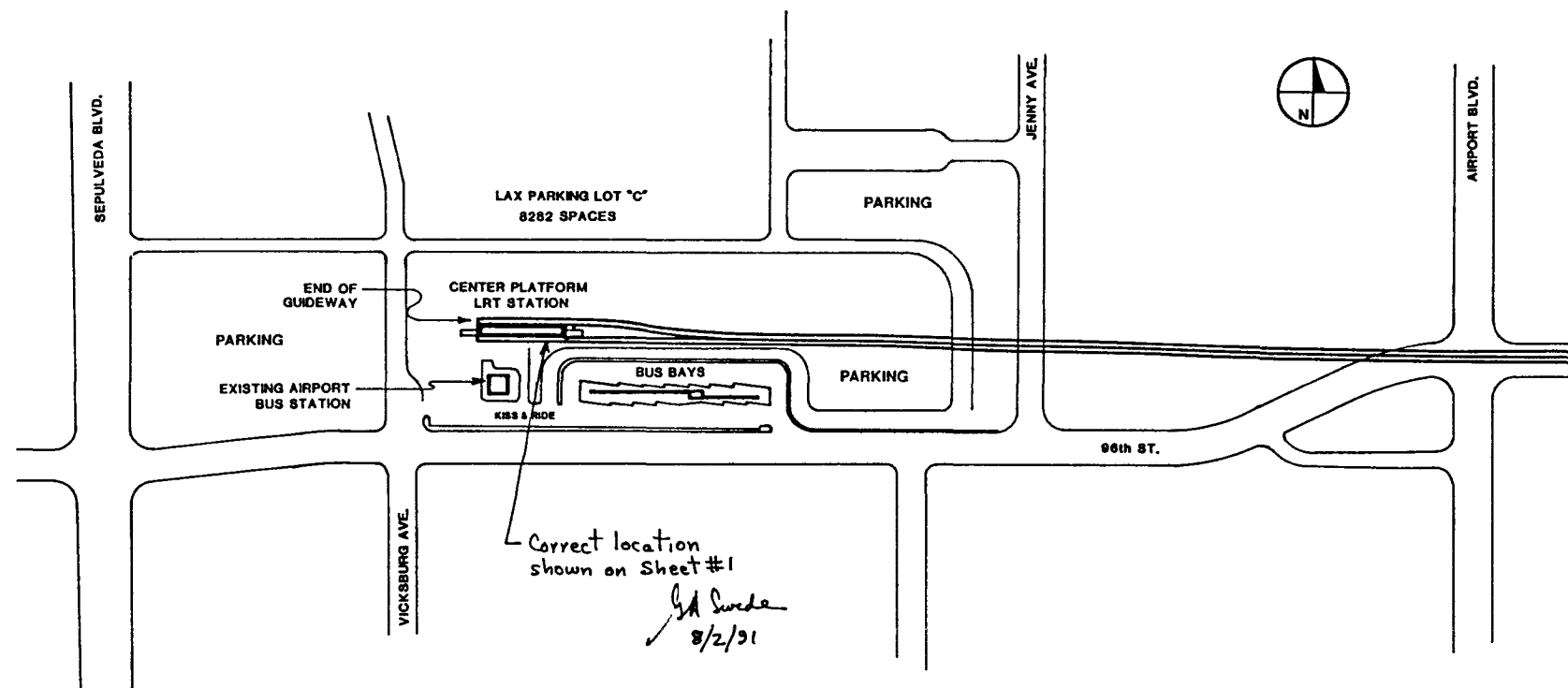
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

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(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

PROTOTYPICAL CENTER PLATFORM AT GRADE STATION
IN MEDIAN WITH ACCESS FROM STREET BELOW

42
SHEET NO.



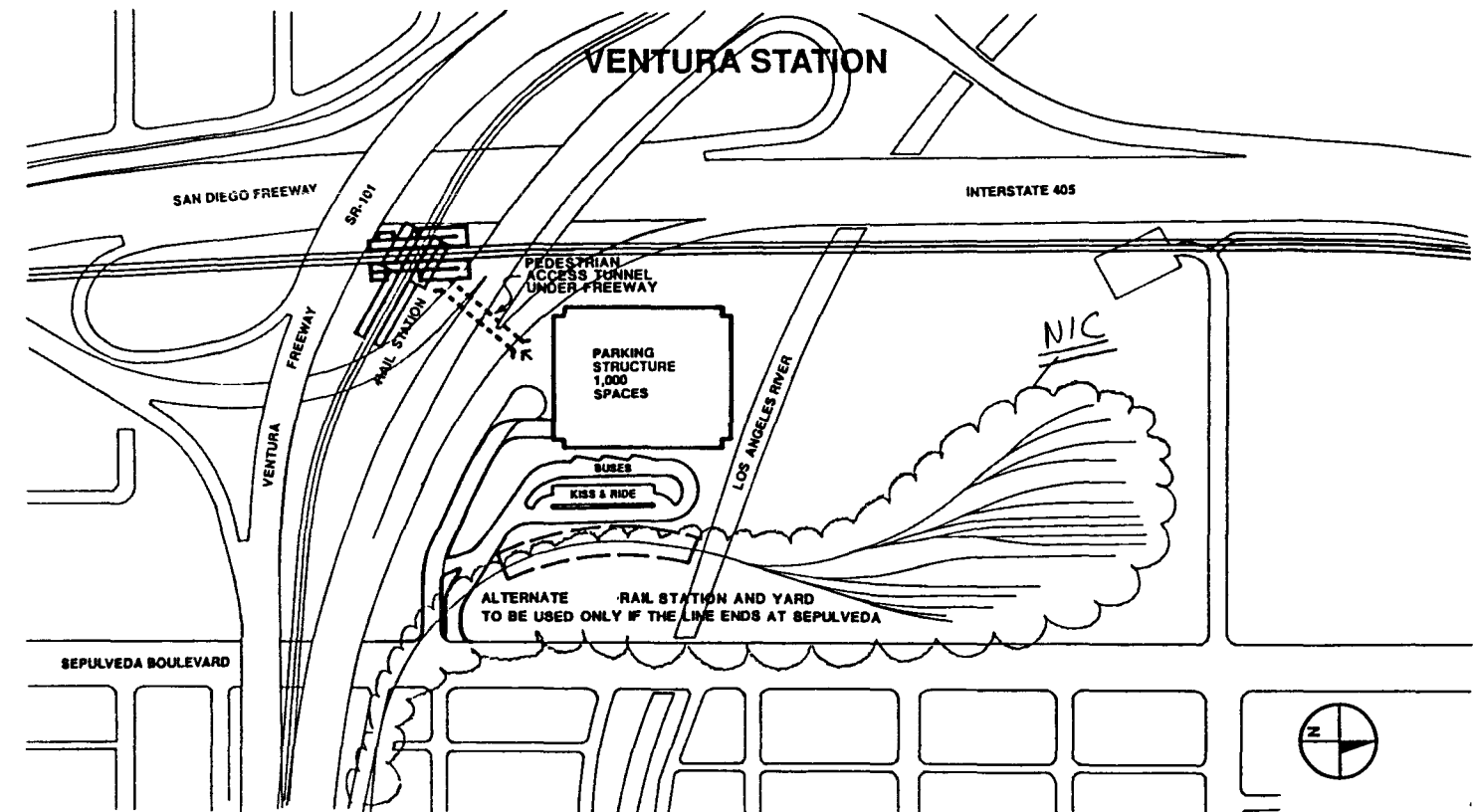
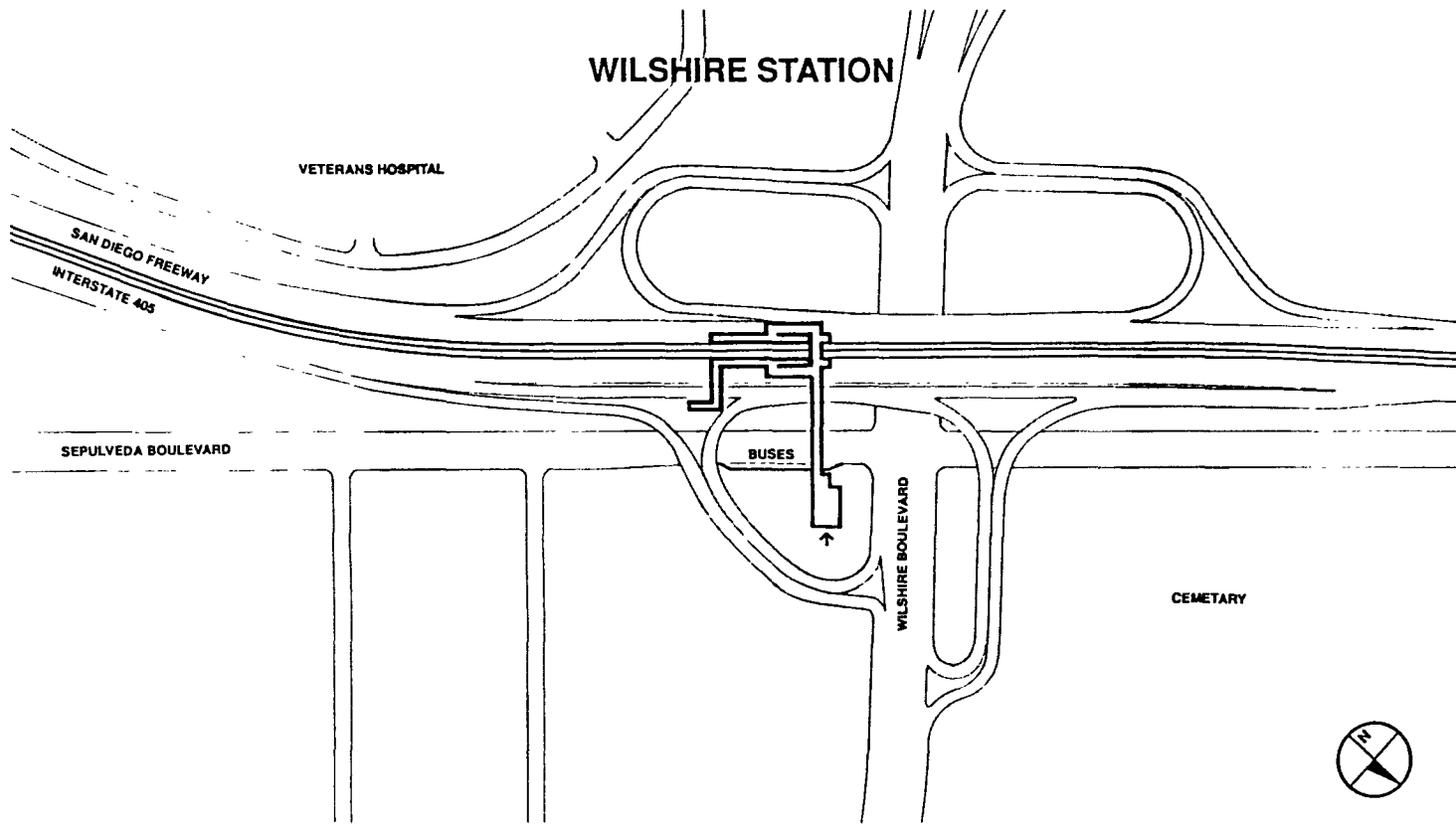
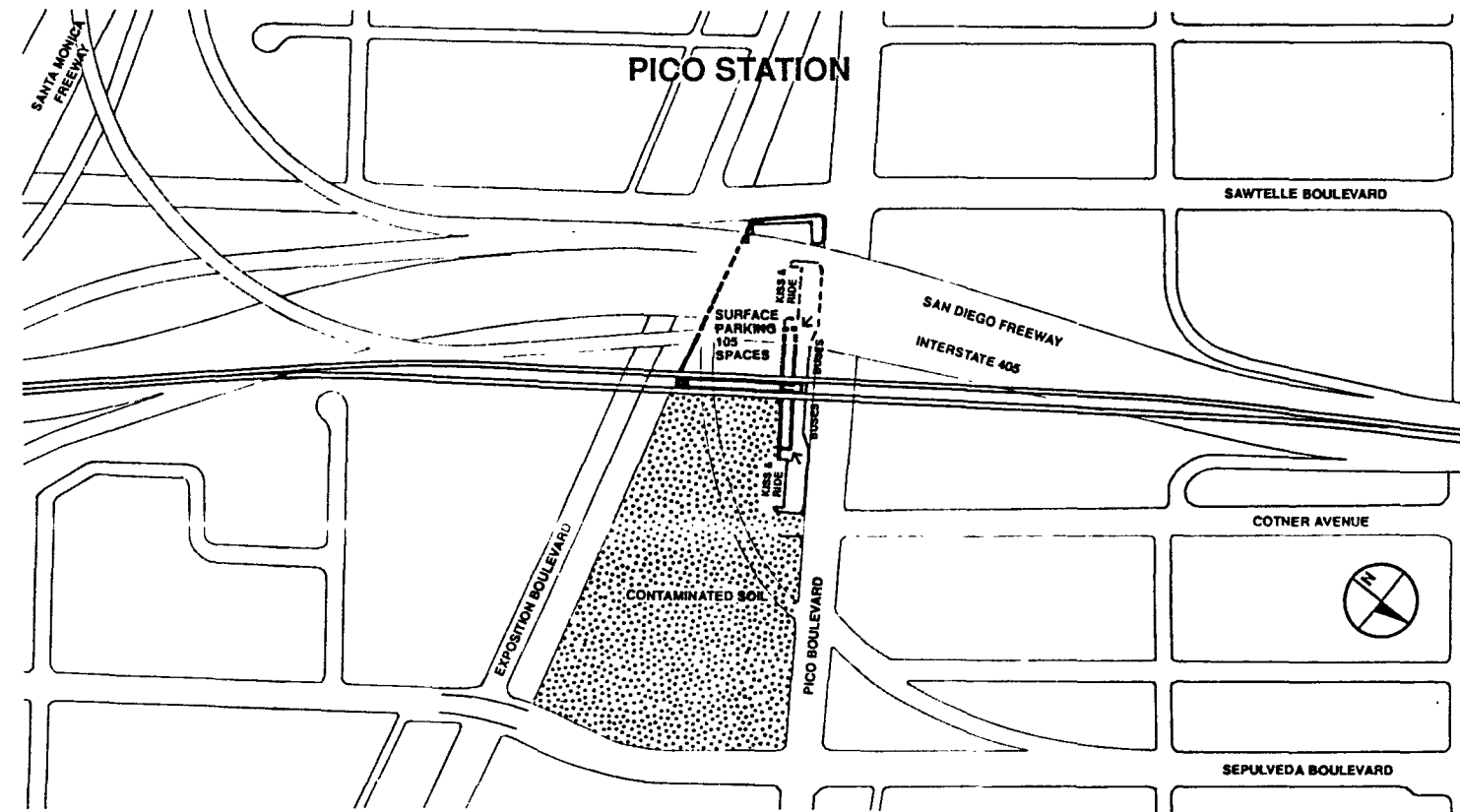
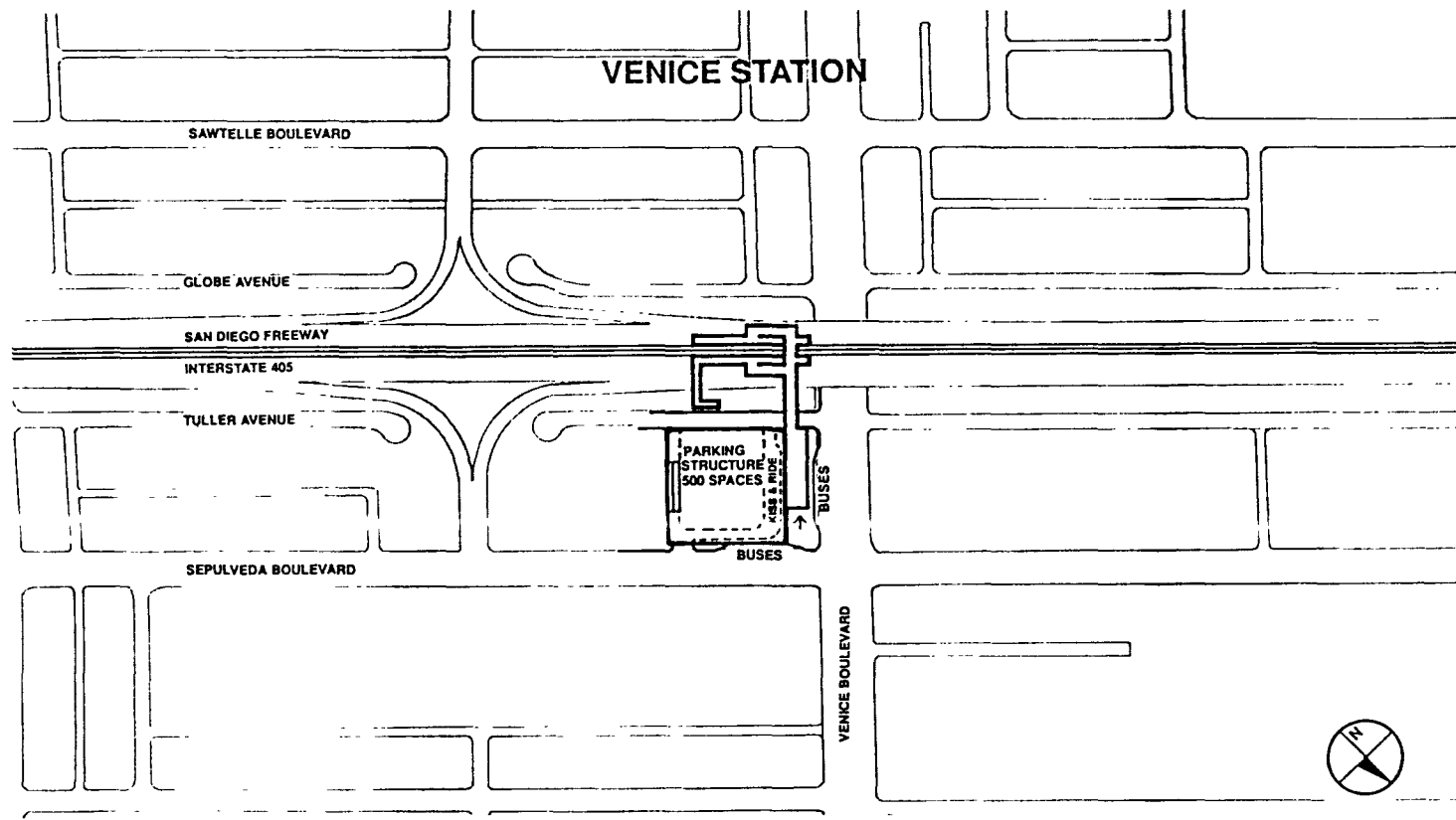
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

LAX LOT "C"
 STATION SITE PLAN

43
 SHEET NO.



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

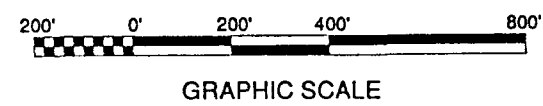
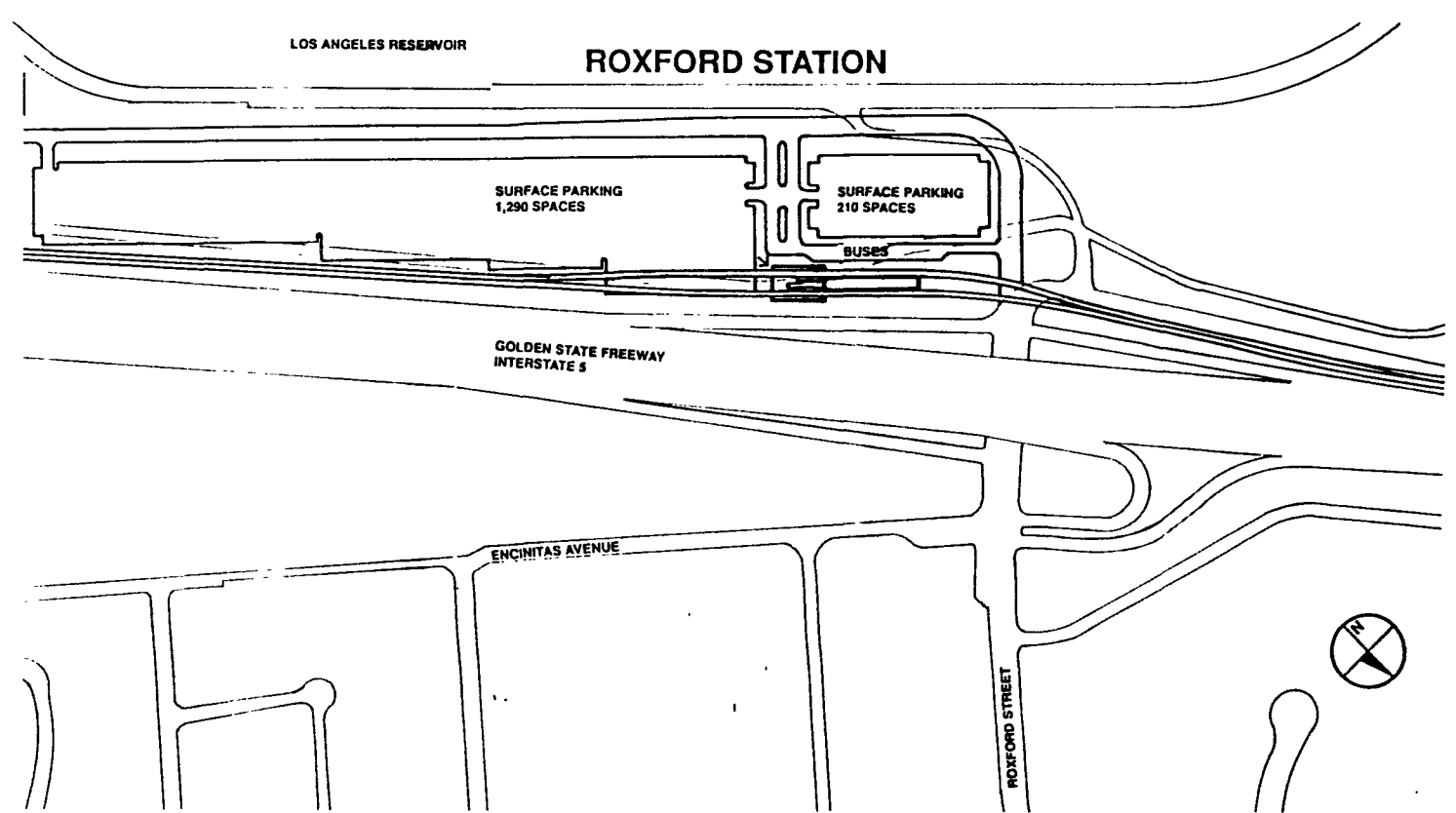
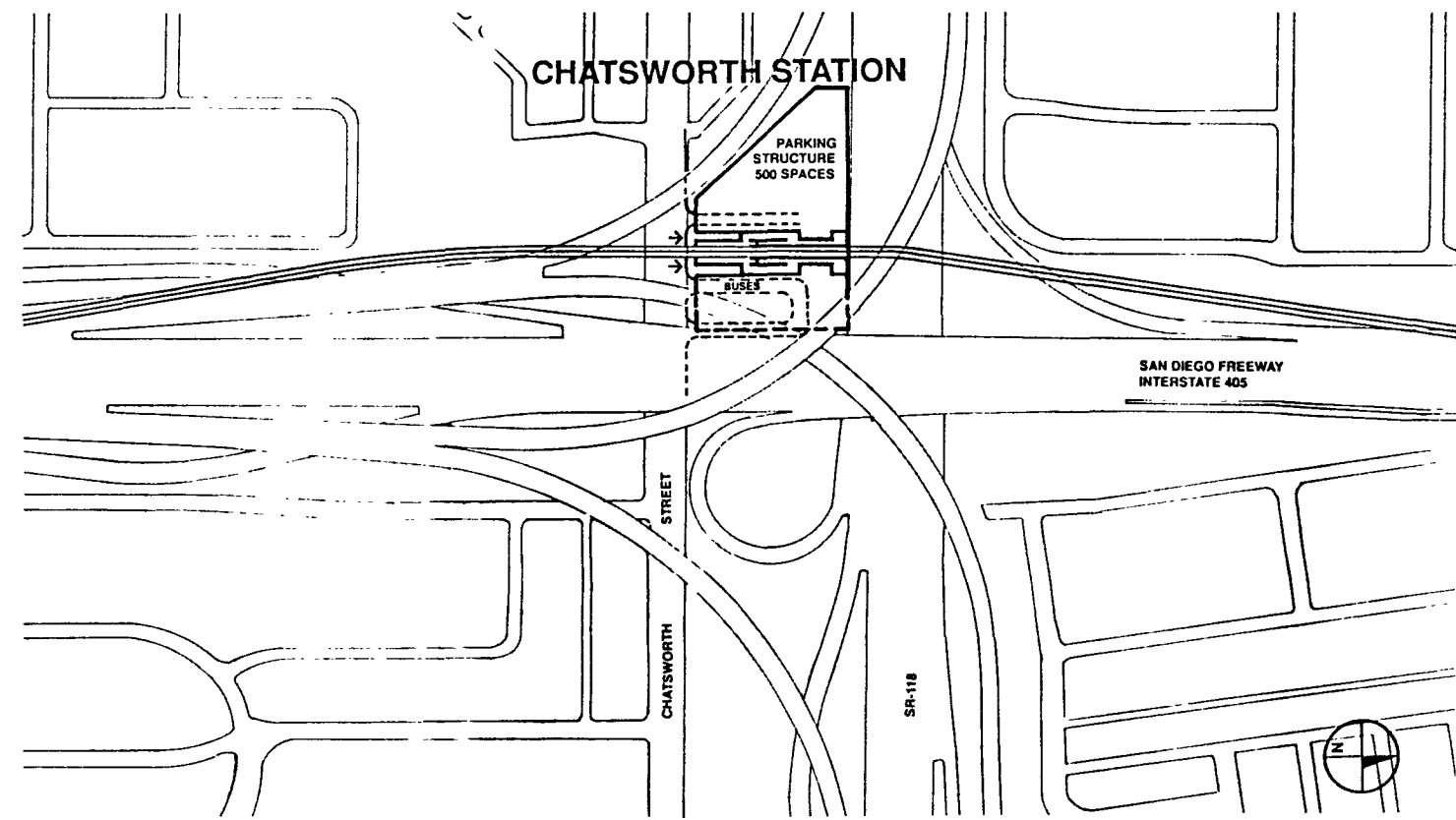
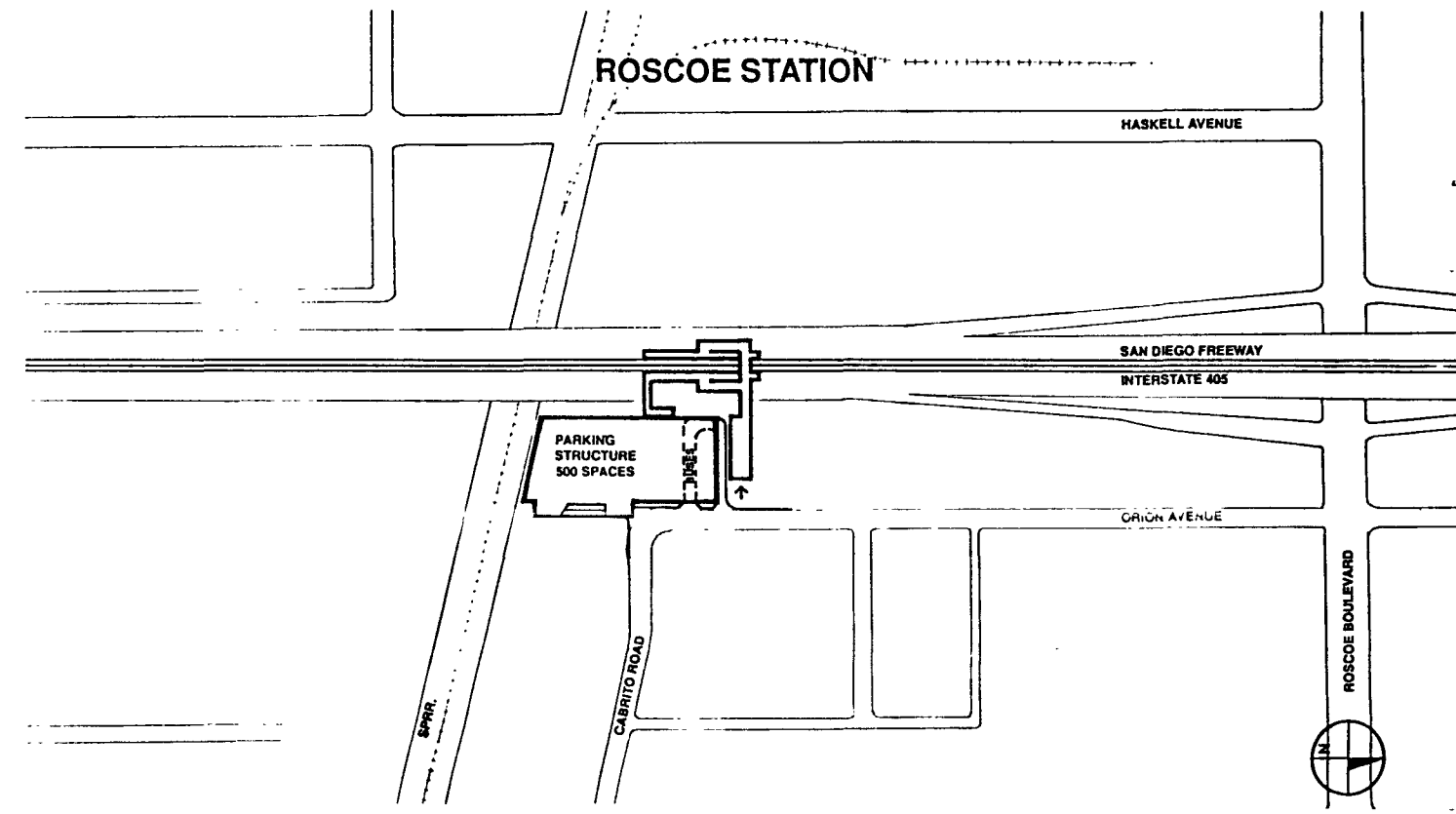
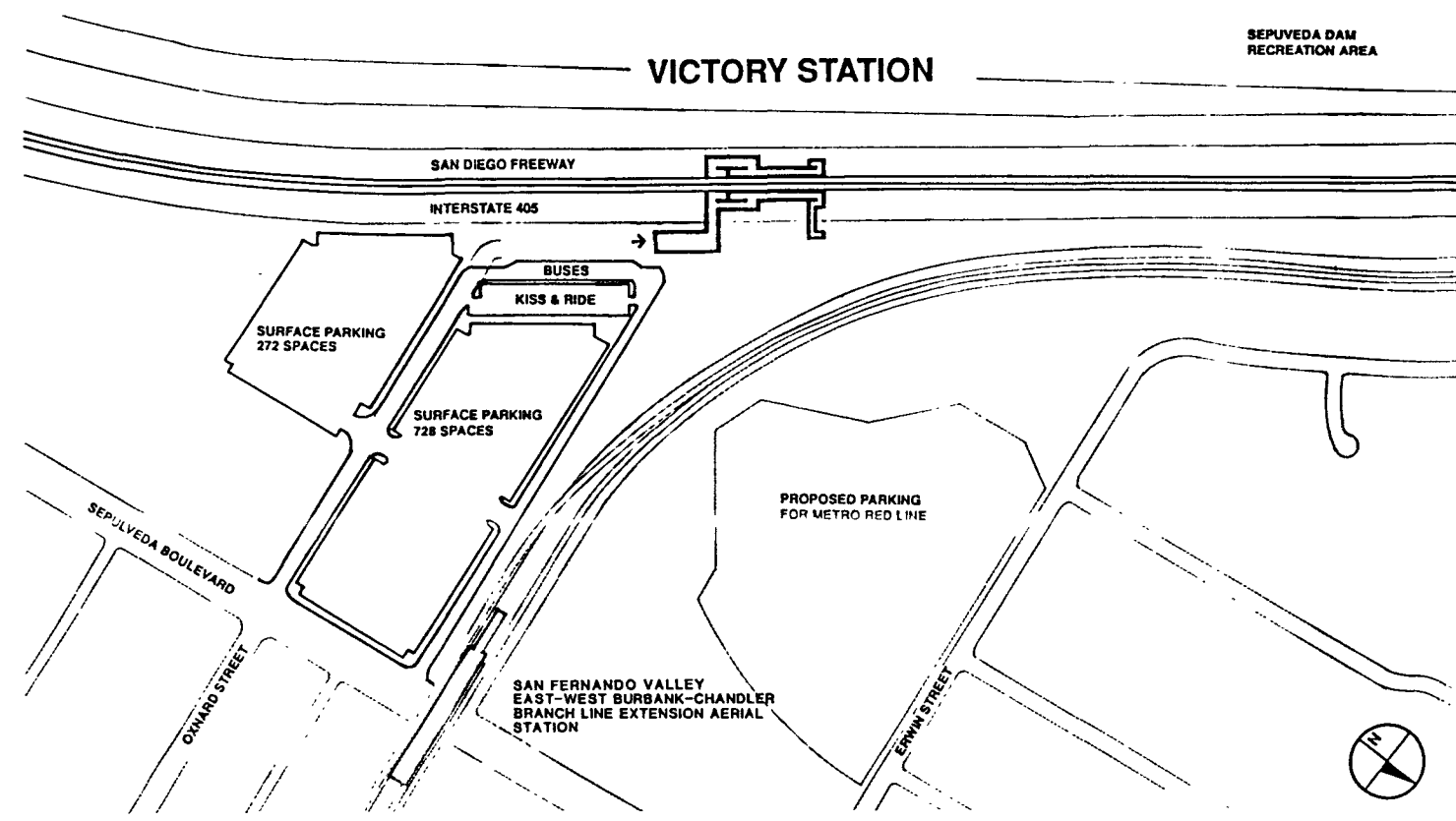
ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

VENICE, PICO, WILSHIRE AND VENTURA
STATION SITE PLANS

44

SHEET NO.



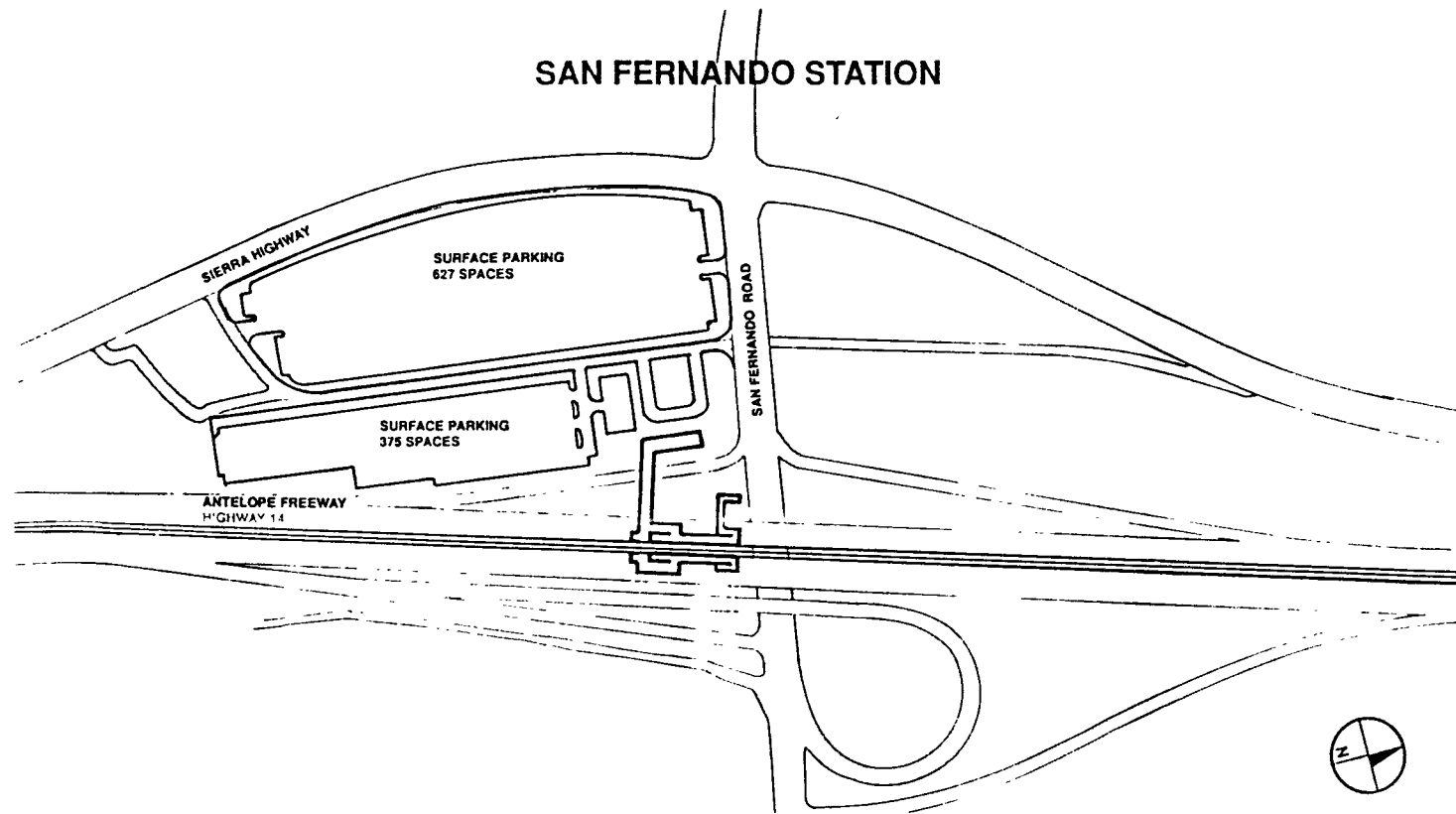
LOS ANGELES COUNTY TRANSPORTATION COMMISSION
 LAX - Palmdale Advanced Technology Demonstration Project

ICF KAISER ENGINEERS
 (CALIFORNIA) CORPORATION

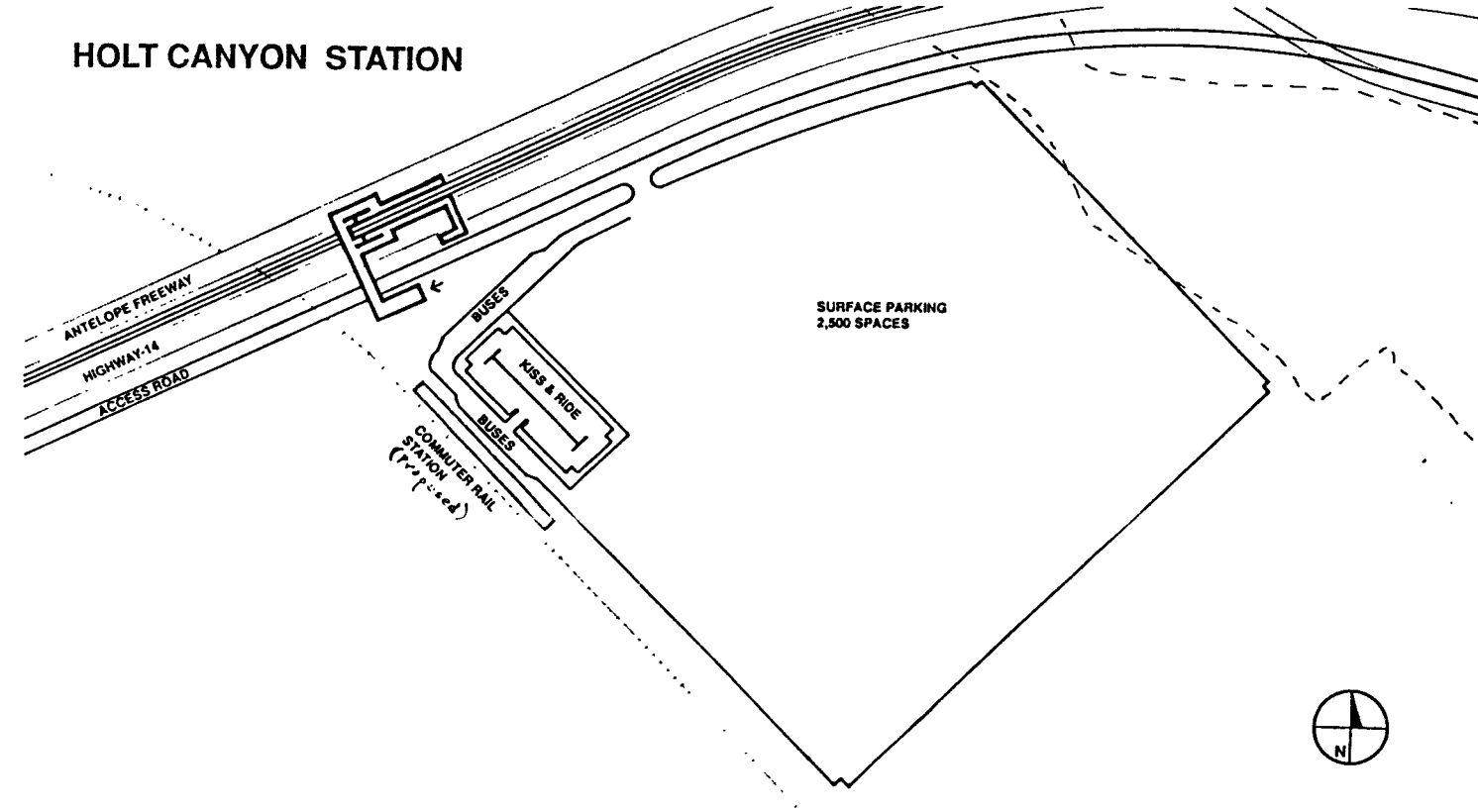
TUDOR ENGINEERING COMPANY
 BRAUKIS & ASSOCIATES
 TRANSIT ENGINEERS

VICTORY, ROSCOE, CHATSWORTH AND ROXFORD STATION SITE PLANS

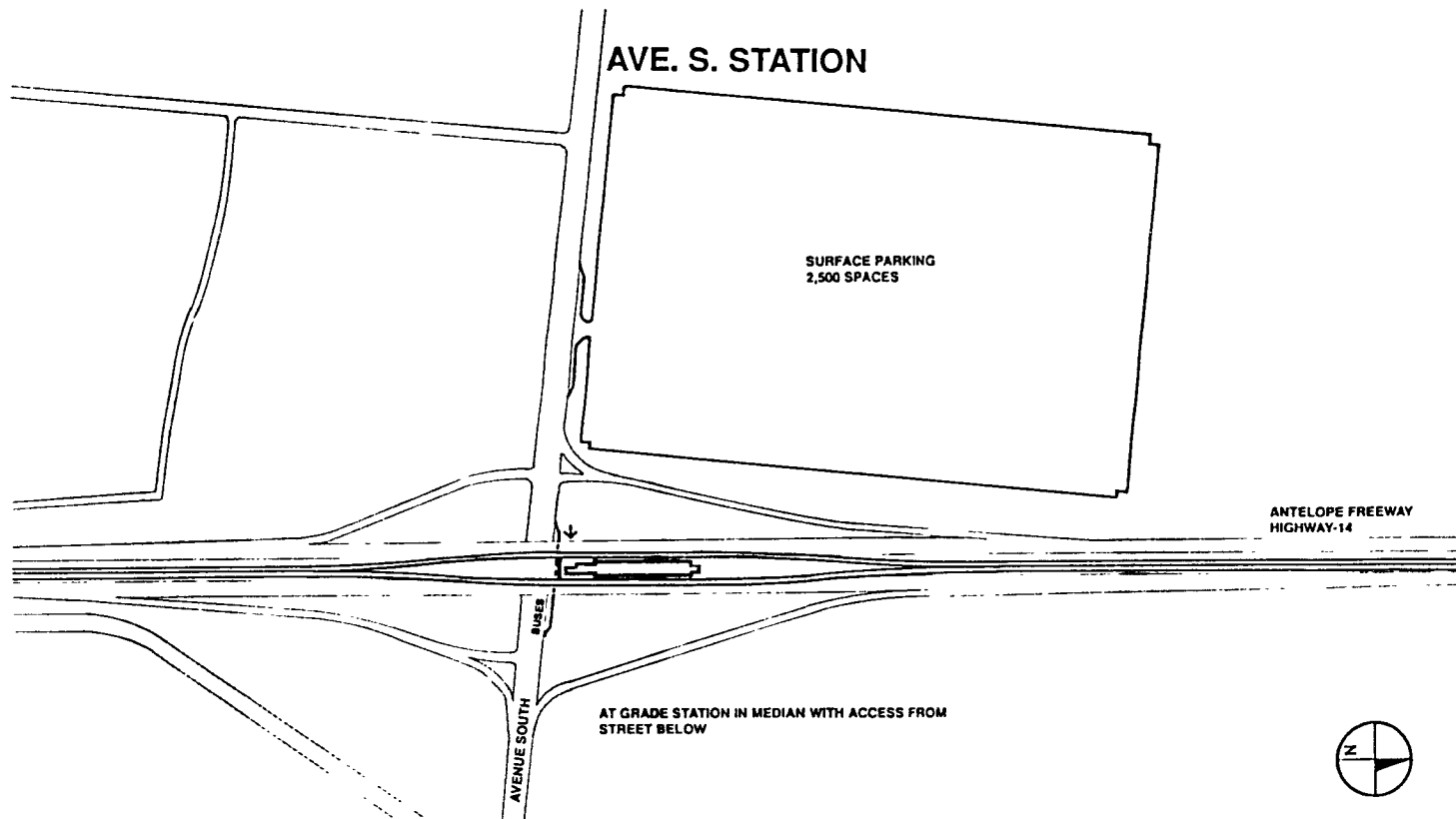
SAN FERNANDO STATION



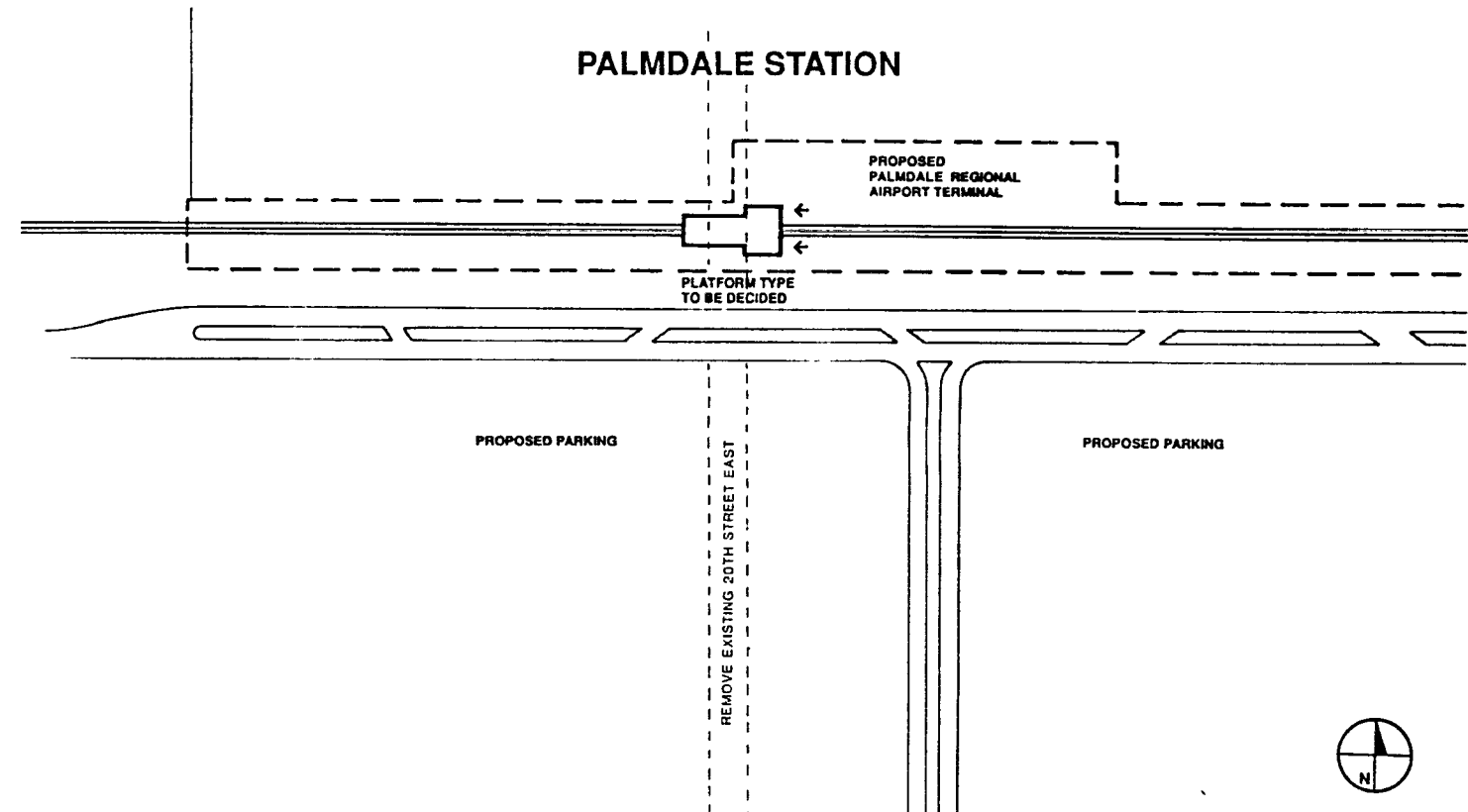
HOLT CANYON STATION



AVE. S. STATION



PALMDALE STATION



GRAPHIC SCALE



LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LAX - Palmdale Advanced Technology Demonstration Project

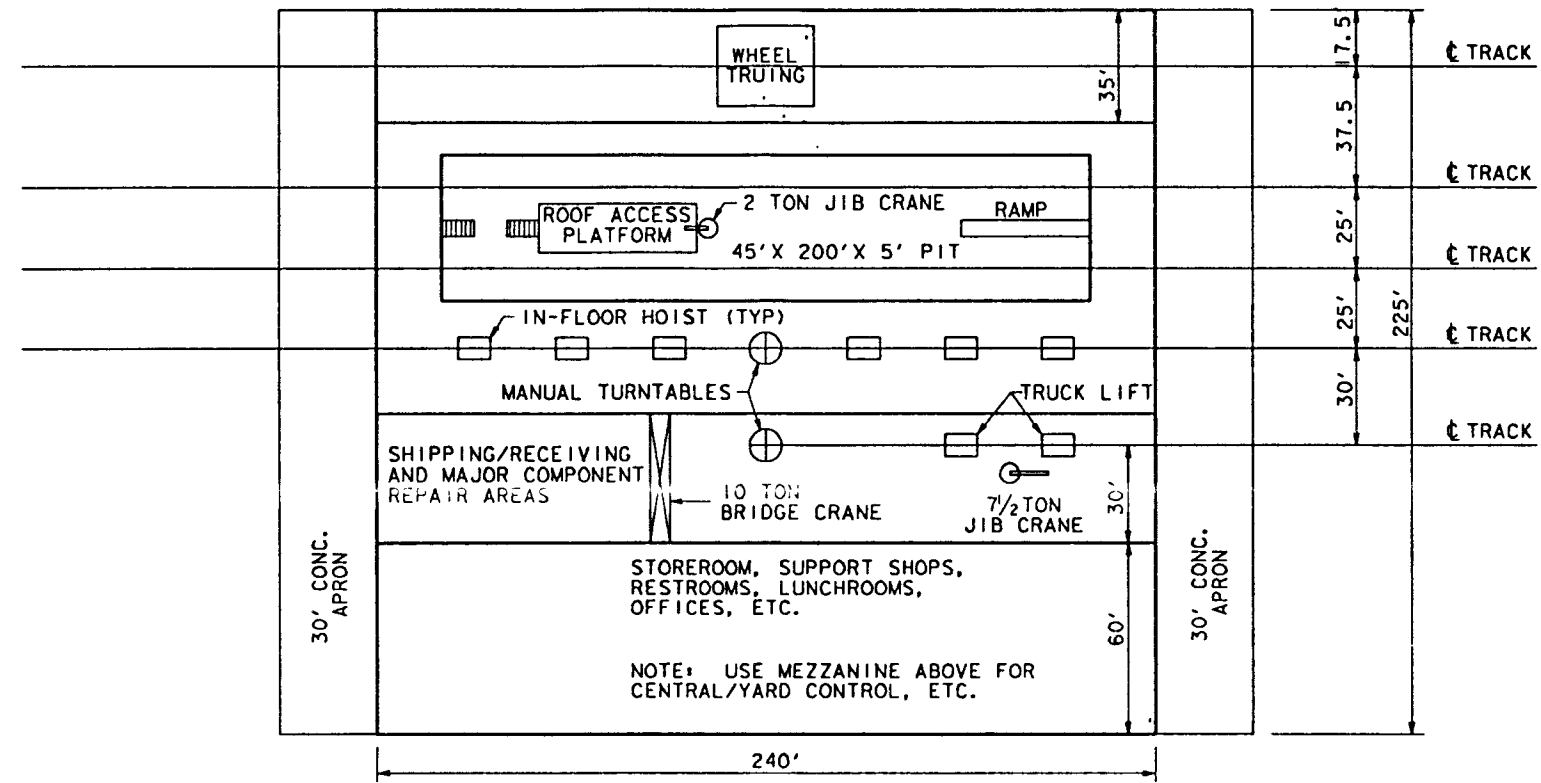
ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

SAN FERNANDO, HOLT CANYON, AVENUE S. AND
PALMDALE AIRPORT STATION SITE PLANS

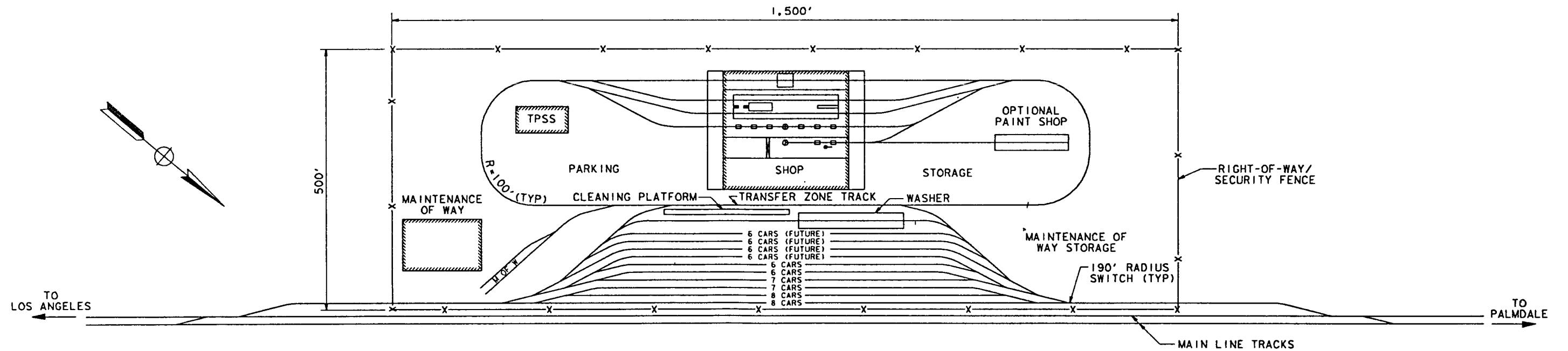
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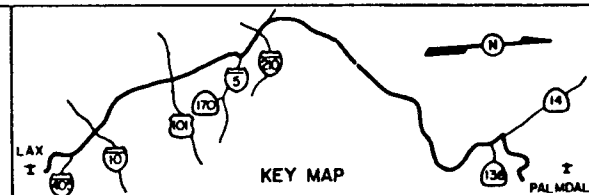


CONCEPTUAL SHOP LAYOUT

8 SHOP CAR SPOTS
2 HOIST, 4 PIT & 2 WHEEL TRUING



CONCEPTUAL YARD LAYOUT

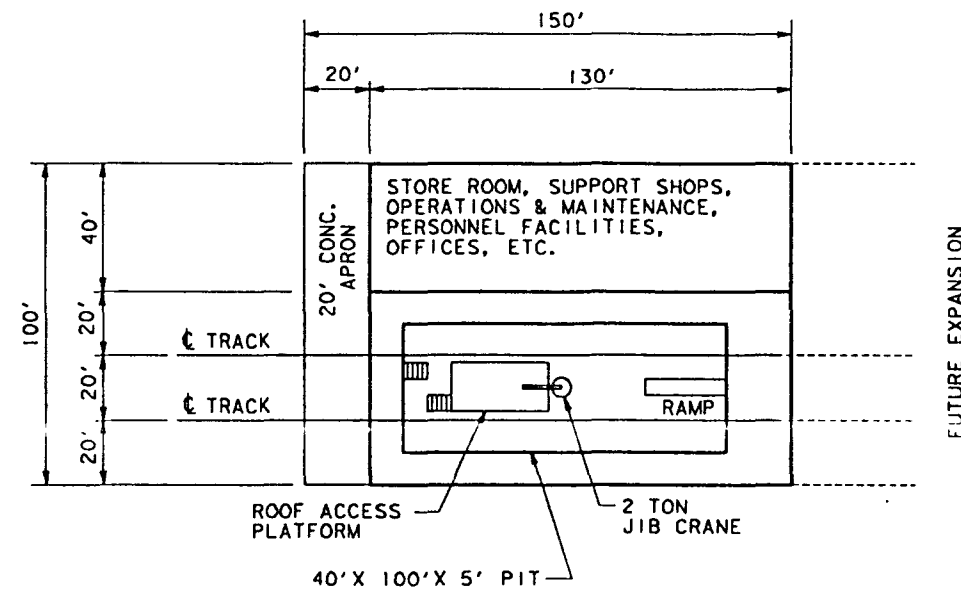


LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LACTC
LAX - Palmdale Advanced Technology Demonstration Project

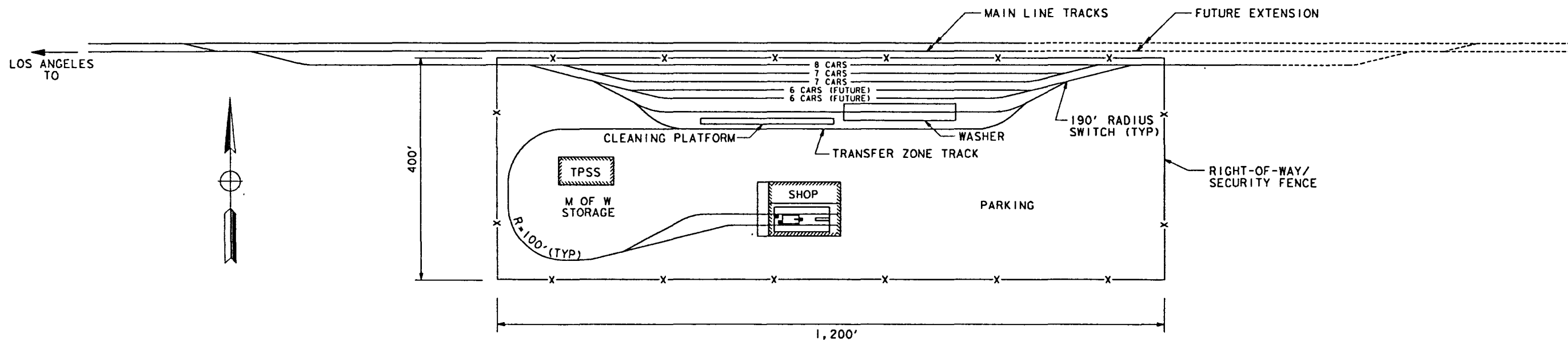
ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

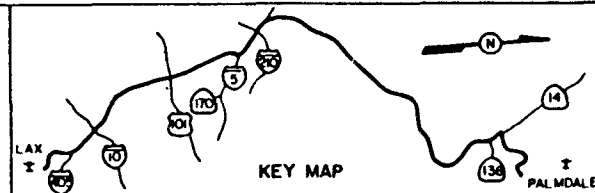
SYLMAR MAINTENANCE YARD



CONCEPTUAL SHOP LAYOUT
SHOP CAPACITY = 2 CARS



CONCEPTUAL YARD LAYOUT

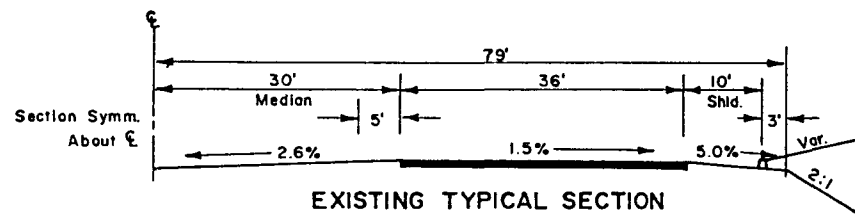


LOS ANGELES COUNTY TRANSPORTATION COMMISSION
LACTC
LAX - Palmdale Advanced Technology Demonstration Project

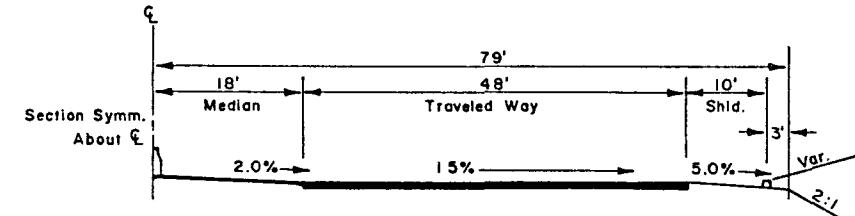
ICF KAISER ENGINEERS
(CALIFORNIA) CORPORATION

TUDOR ENGINEERING COMPANY
BRAUKIS & ASSOCIATES
TRANSIT ENGINEERS

PALMDALE MAINTENANCE YARD

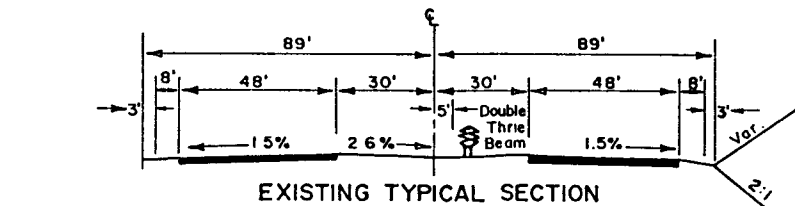


EXISTING TYPICAL SECTION

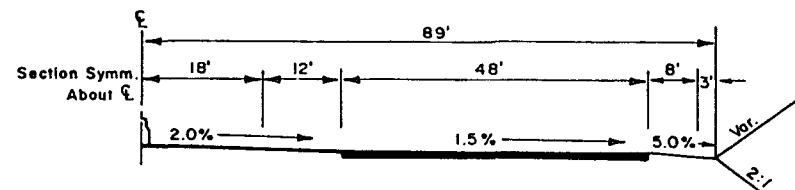


PROPOSED TYPICAL SECTION

San Fernando Rd. (Sta. 1744+00) to Golden Valley Rd. (Sta. 1881+00)
Cedar Valley Rd. (Sta. 1927+00) to Lost Canyon Rd. (Sta. 2030+00)

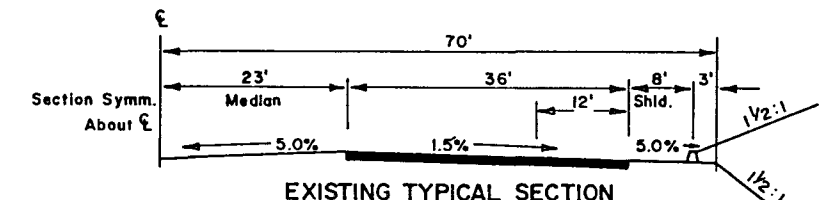


EXISTING TYPICAL SECTION

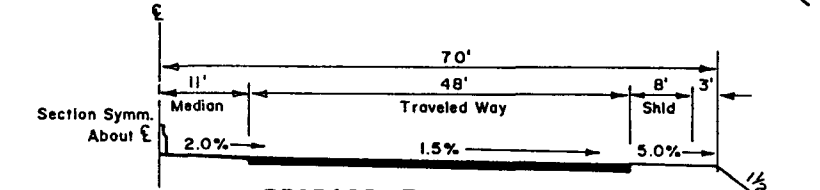


PROPOSED TYPICAL SECTION

Golden Valley Rd. (Sta. 1881+00) to Cedar Valley Rd. (Sta. 1927+00)

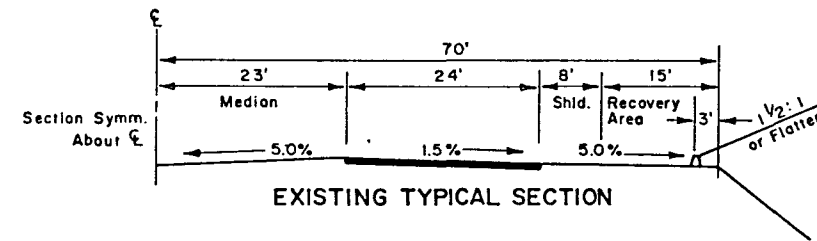


EXISTING TYPICAL SECTION

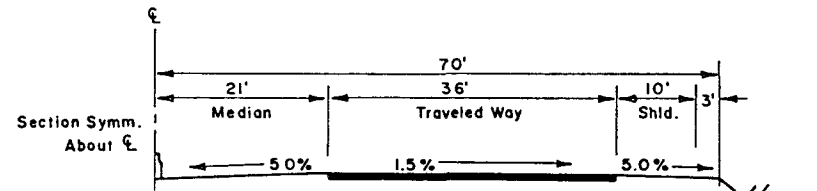


PROPOSED TYPICAL SECTION

Last Canyon Rd. (Sta. 2030+00) to Sand Canyon Rd. (Sta. 2076+00)

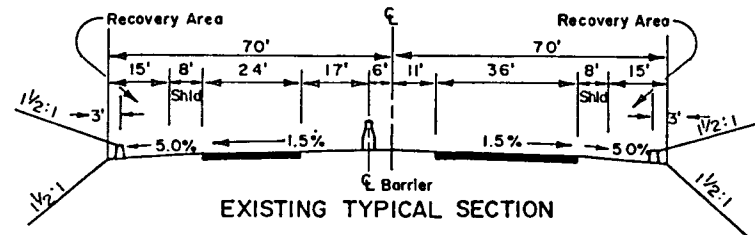


EXISTING TYPICAL SECTION

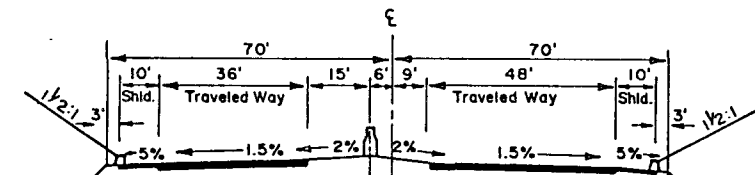


PROPOSED TYPICAL SECTION

Sand Canyon Rd. (Sta. 2076+00) to Soledad Canyon Rd. (Sta. 2198+00)

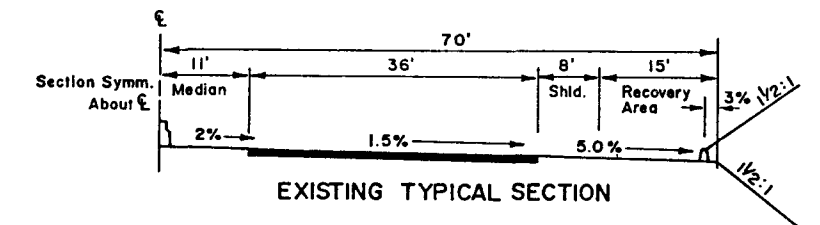


EXISTING TYPICAL SECTION

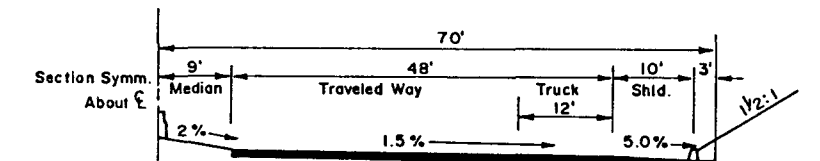


PROPOSED TYPICAL SECTION

Soledad Canyon Rd. (Sta. 2198+00) to (Sta. 2380+00)



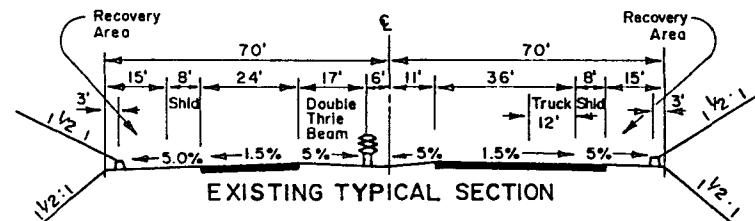
EXISTING TYPICAL SECTION



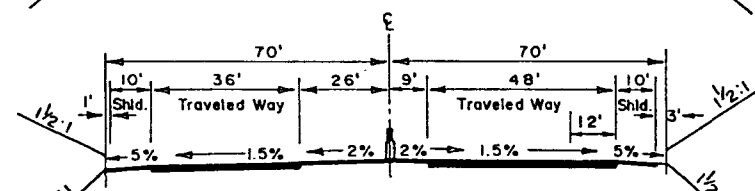
PROPOSED TYPICAL SECTION

(Sta. 2380+00) to Agua Dulce Canyon Rd. (Sta. 2416+50)

(Sta. 2504+00) to (Sta. 2576+00)



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

Agua Dulce Canyon Rd. (Sta. 2416+50) to (Sta. 2054+00)
(Sta. 2576+00) to Escondido Canyon Rd. (Sta. 2597+50)

NOTE

The typical sections on this sheet show one alternative for proposed widening of SR14 by Caltrans, between San Fernando Rd. and Escondido Canyon Rd. The proposed At-Grade Guideway will require a minimum median width of 36', as shown on Sheet No.37, and therefore the embankment shall be widened as required to allow for construction of the proposed widening while maintaining a minimum median width of 36'. The cost of the required embankment widening shall be included in the proposal.

