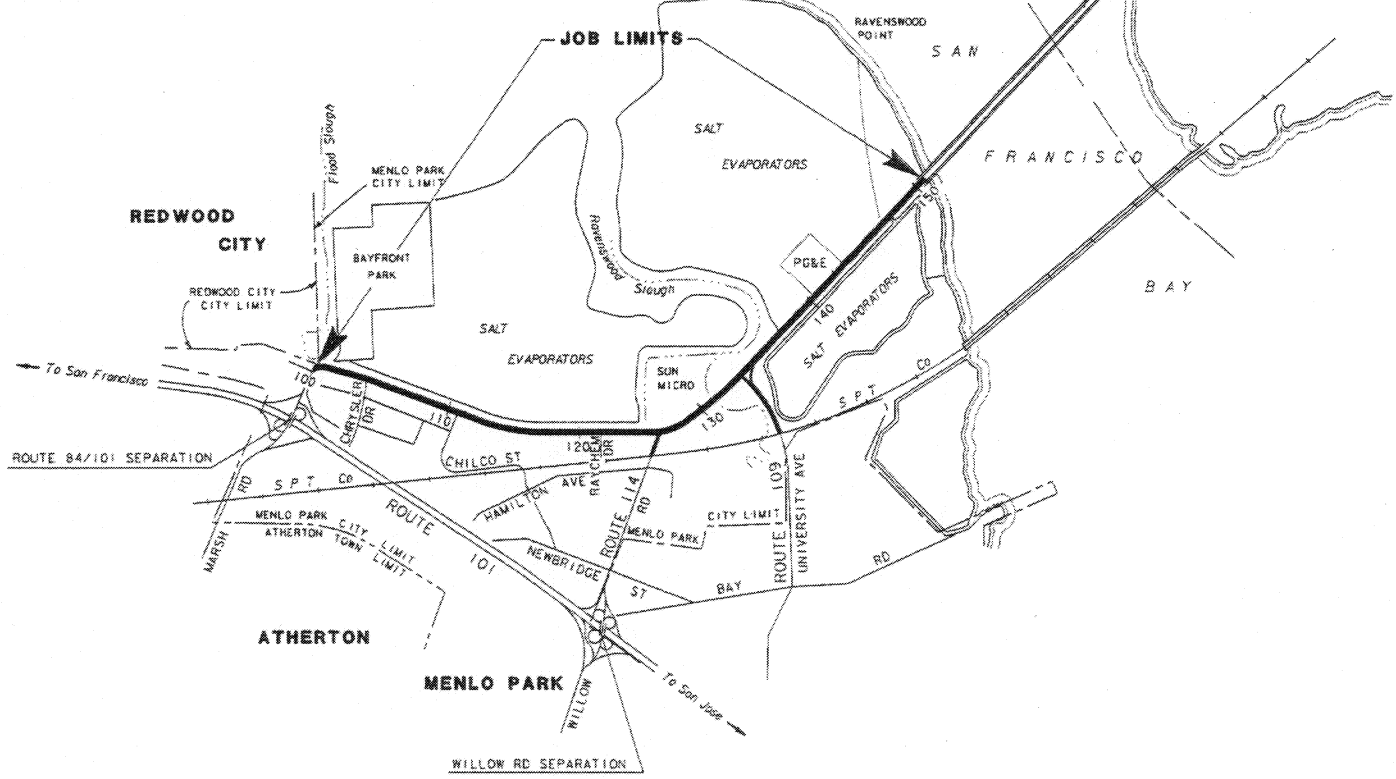


MAP EDITED & REPRODUCED FROM CSAA ROAD MAP

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT

SITE LOCATION MAP

SCALE: 1" = 0.75 MILES
(APPROX)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

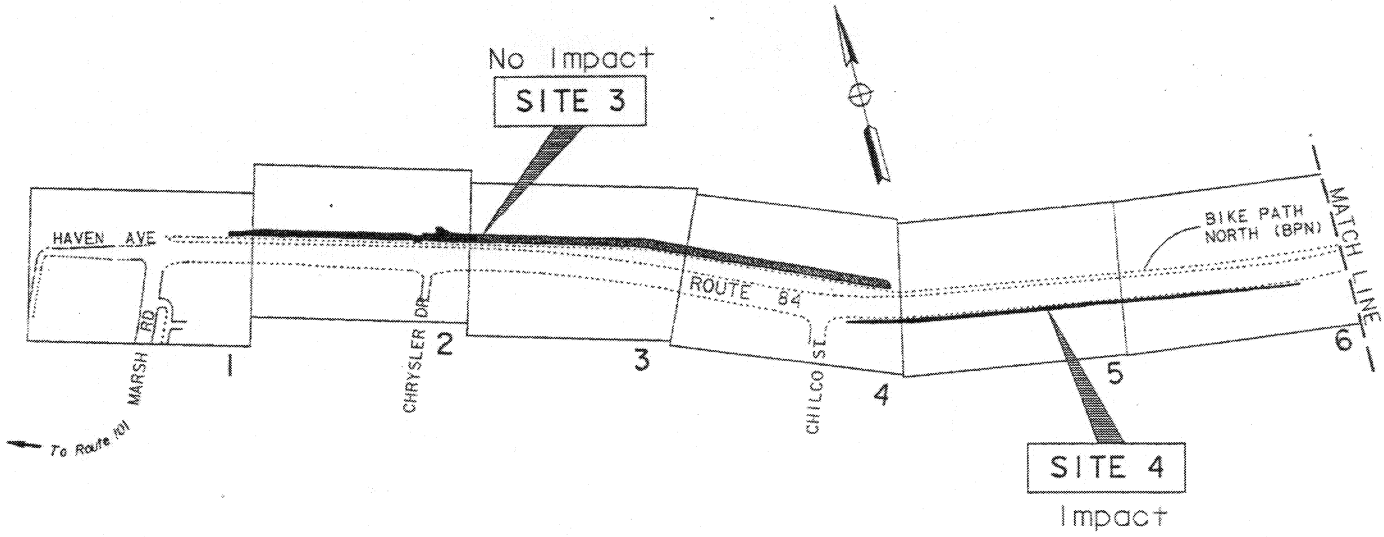
COUNTY OF: SAN MATEO

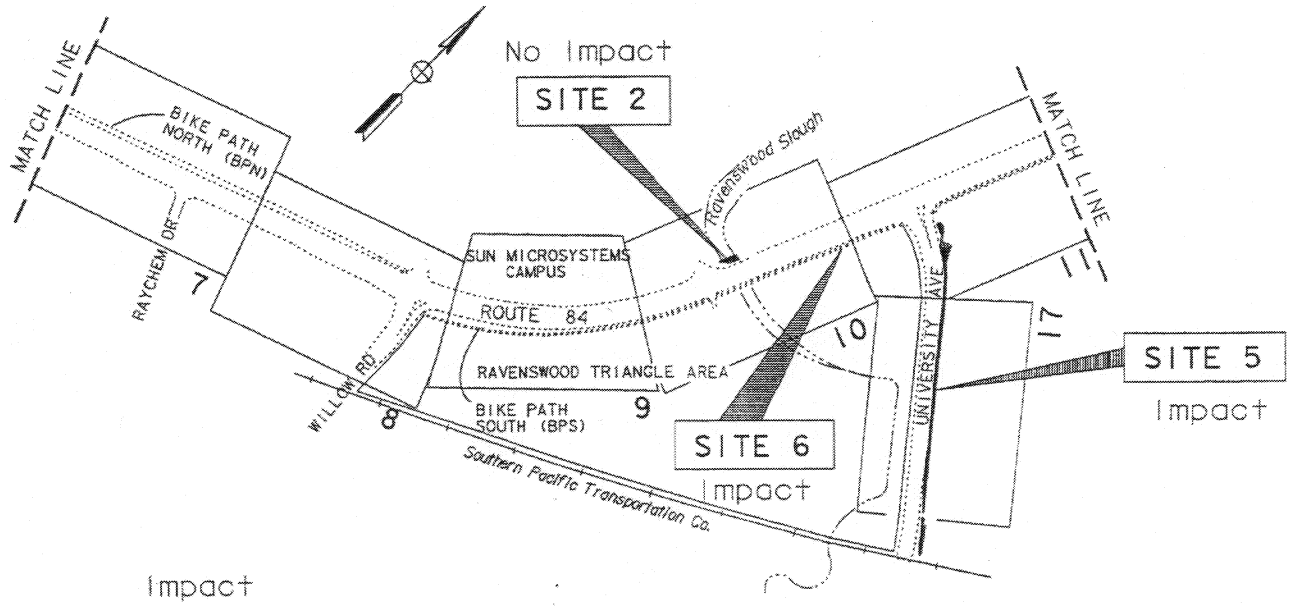
APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

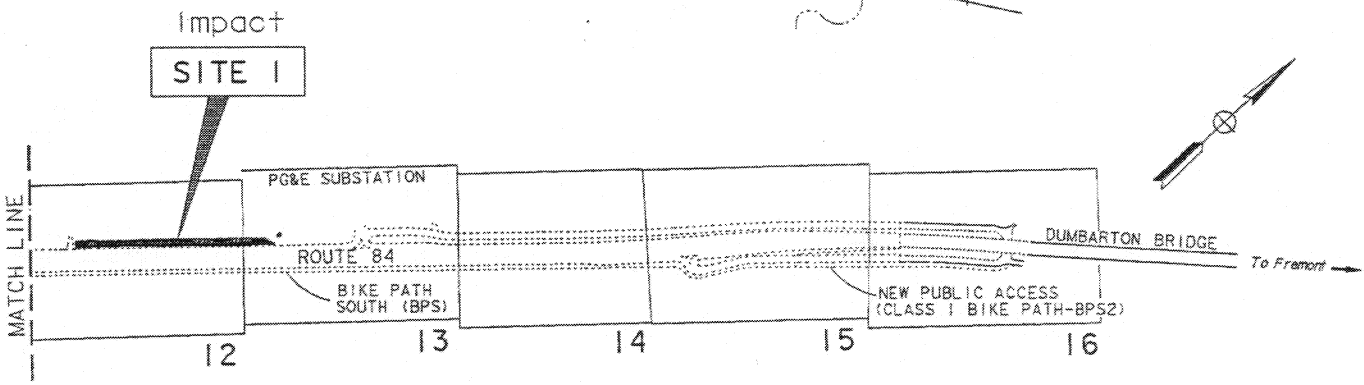
SHEET OF

DATE: 06/00

Figure 1







NOTE: SITE 1-6 SHOWN ABOVE ARE ACOE JURISDICTIONAL WETLANDS

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

PLAN KEY MAP

SCALE: 1" = 1000' (APPROX)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

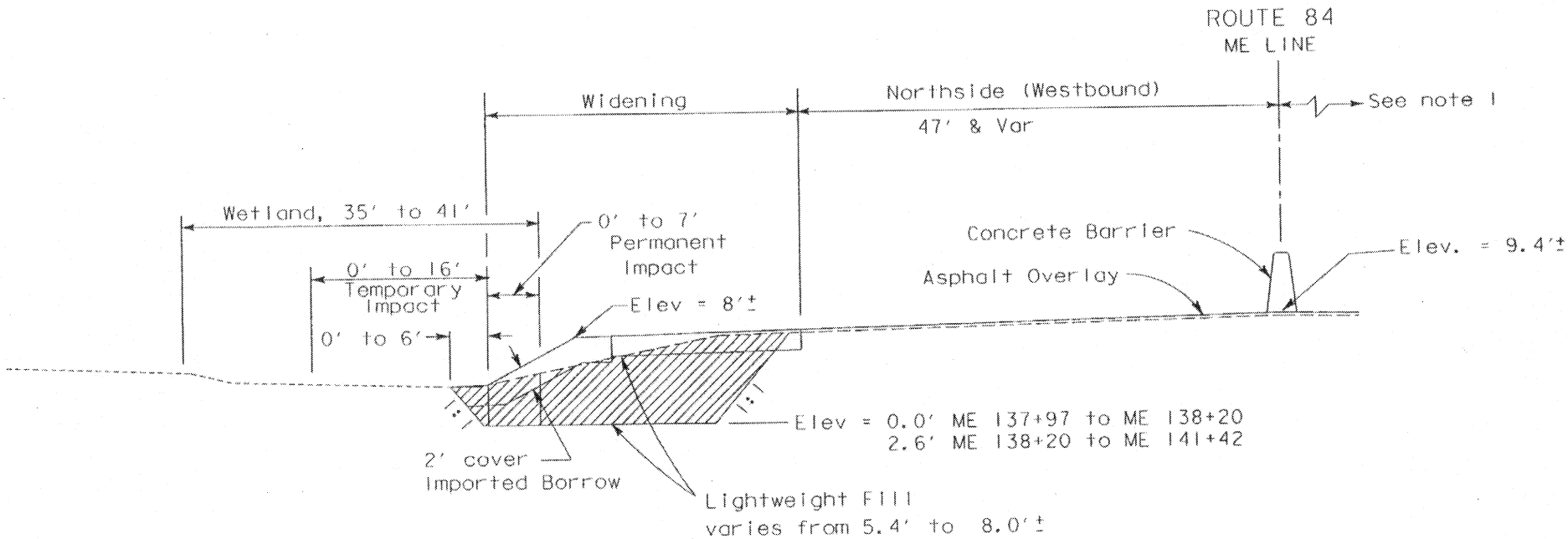
IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET OF DATE: 7/00



Note:

1. Southside (eastbound) not shown.
   Not within ACOE jurisdiction.

SITE 1 - TYPICAL CROSS-SECTION
ME 137+97 to ME 141+42
Length = 1132 FT

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT

EARTHWORK CROSS SECTION

NO SCALE

STATIONING SHOWN IN METRIC
(1 meter = 3.28 FT)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE
AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT.
OF TRANSPORTATION

SHEET 1 OF 4 DATE: 7/00

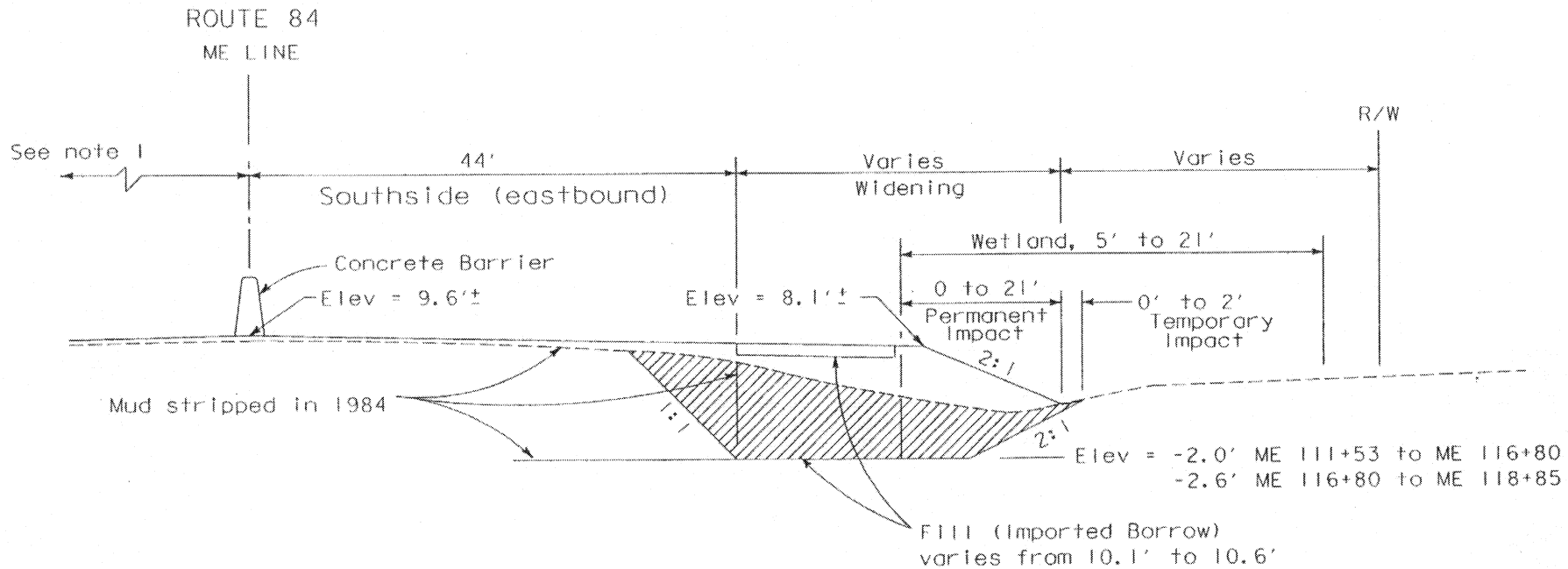
LEGEND

Proposed

Existing

Excavation

Figure 3



Note:
1. Northside (westbound) not shown.
   Not within ACOE jurisdiction.

SITE 4 - TYPICAL CROSS-SECTION

ME 111+53 to ME 118+85
Length = 2402 FT

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT

EARTHWORK CROSS SECTION

NO SCALE

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE
AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT.
OF TRANSPORTATION

SHEET 2 OF 4 DATE: 7/00

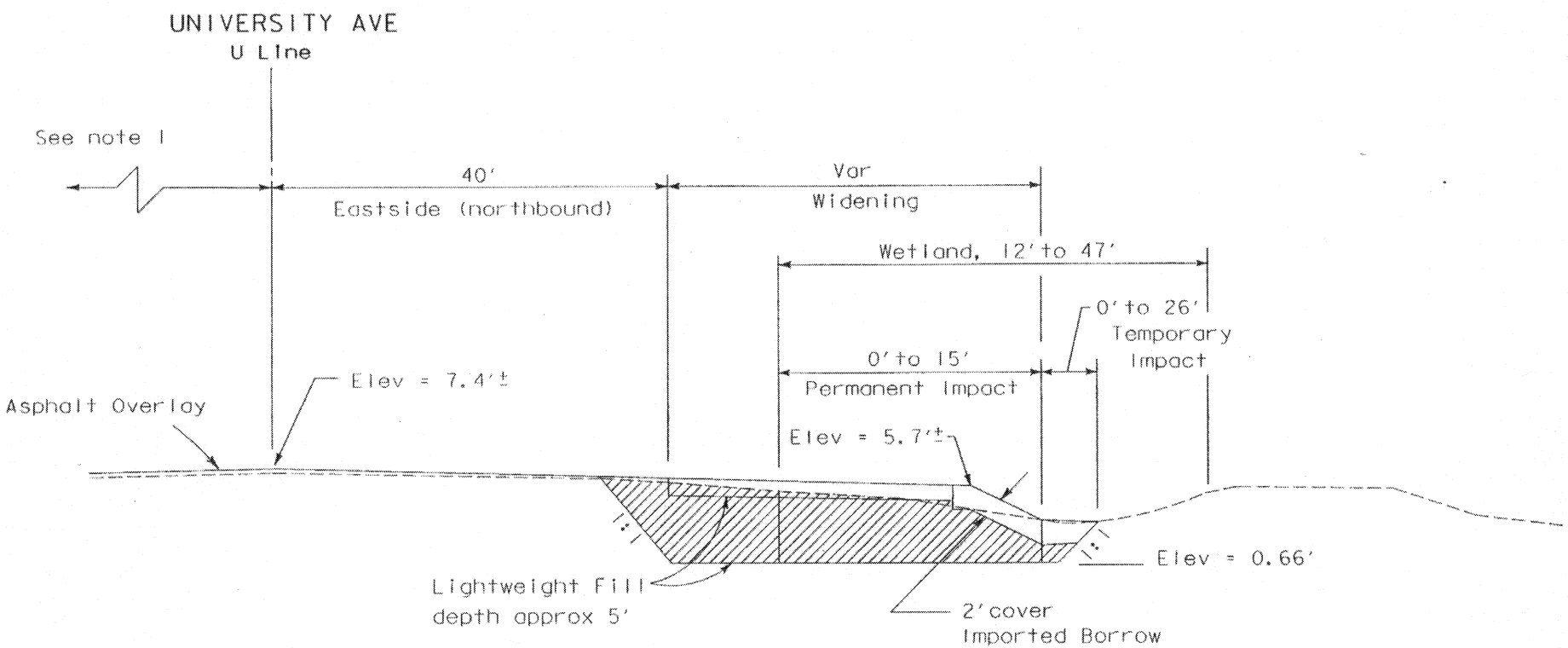
LEGEND

Proposed

Existing

Excavation

Figure 4



Note:

1. Westside not shown.
   Not within ACOE jurisdiction.

SITE 5 - TYPICAL CROSS-SECTION

U 10+10 to U 14+74
Length = 1522 FT

PURPOSE: INCREASE ROADWAY CAPACITY
DATUM: NGVD
ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT

EARTHWORK CROSS SECTION

NO SCALE

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

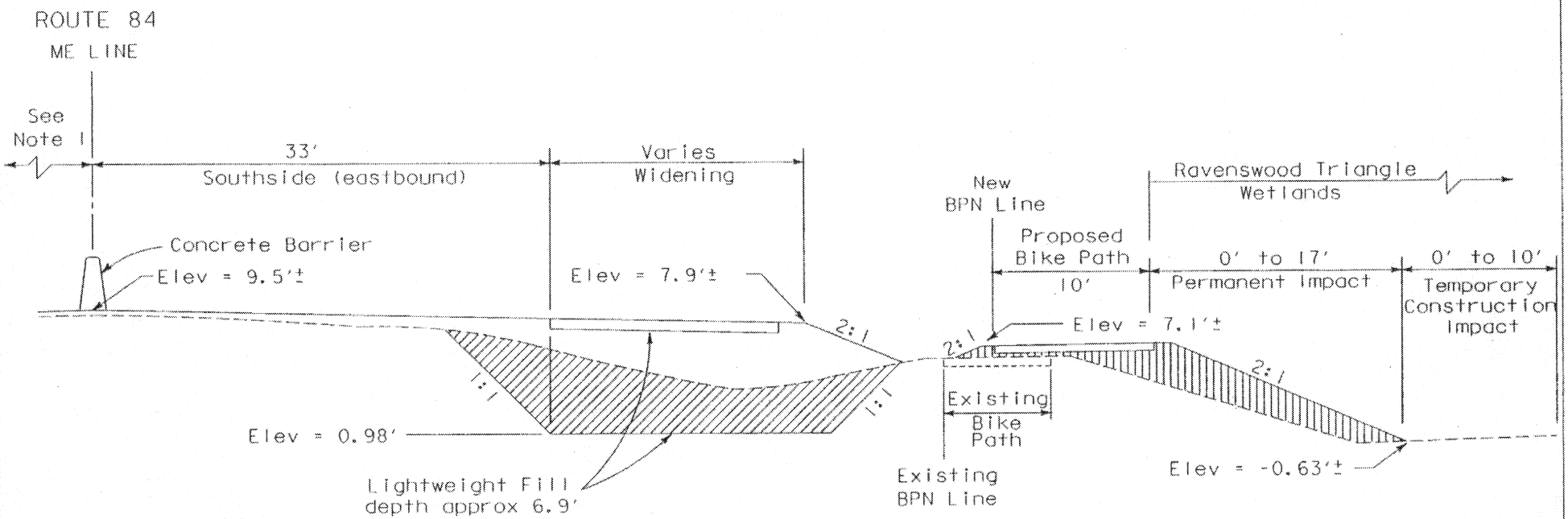
WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD
COUNTY OF: SAN MATEO
APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 3 OF 4 DATE: 7/00

LEGEND
Proposed
Existing
Excavation

Figure 5



Note:

1. Northside (westbound) not shown. Not within ACOE jurisdiction.

SITE 6 - TYPICAL CROSS-SECTION (RAVENSWOOD TRIANGLE)

ME 132+82 to ME 133+92
Length = 361 FT

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EARTHWORK CROSS SECTION

NO SCALE

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

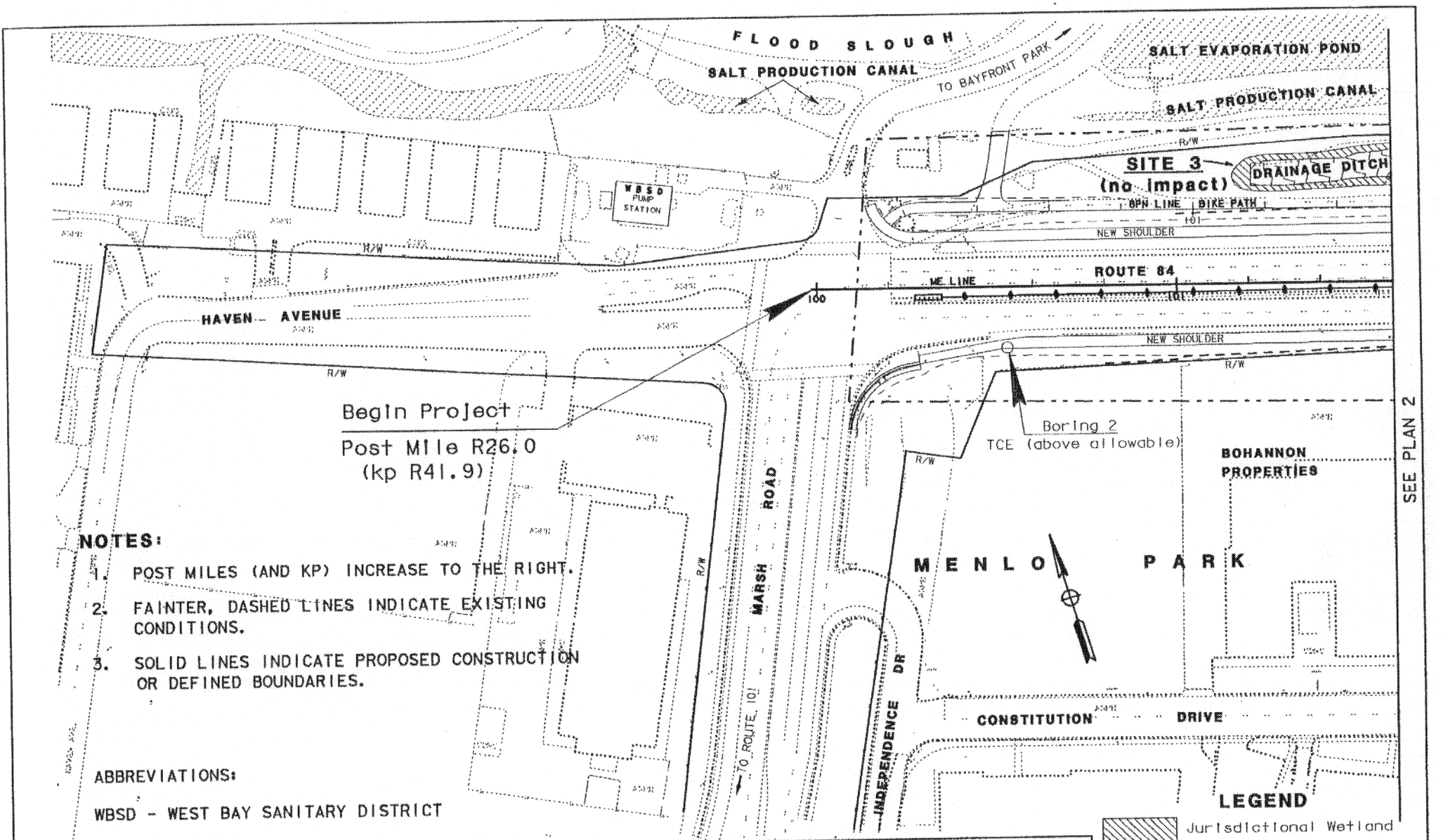
IN: SOUTHWESTERN SAN FRANCISCO BAY
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD
COUNTY OF: SAN MATEO
APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 4 OF 4 DATE: 7/00

LEGEND

- Proposed
- Existing
- Excavation
- Fill Imported Borrow

Figure 6



PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

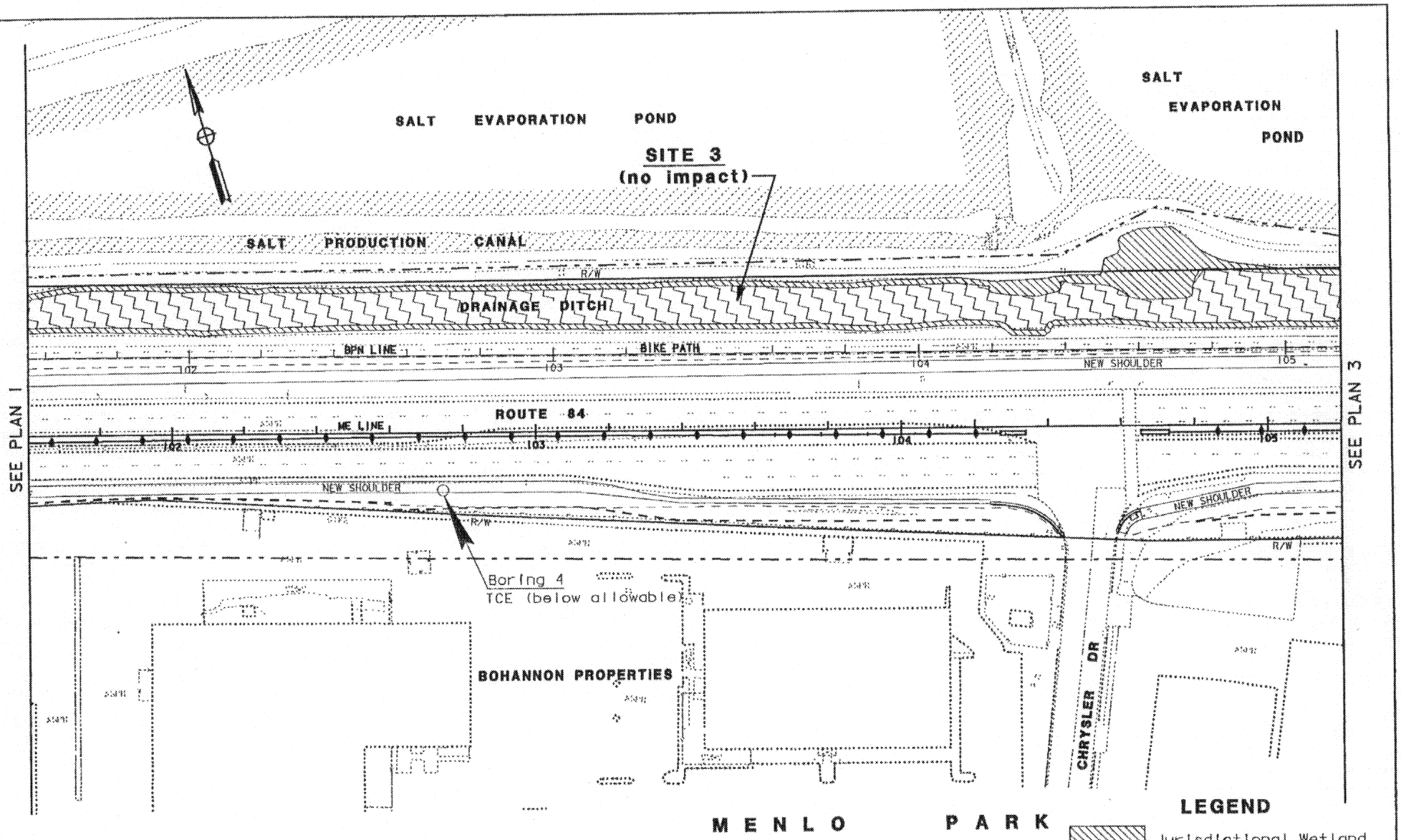
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 1 OF 17 DATE: 7/00

Figure 7 **PLAN 1**



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- **Excavation Limit**

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

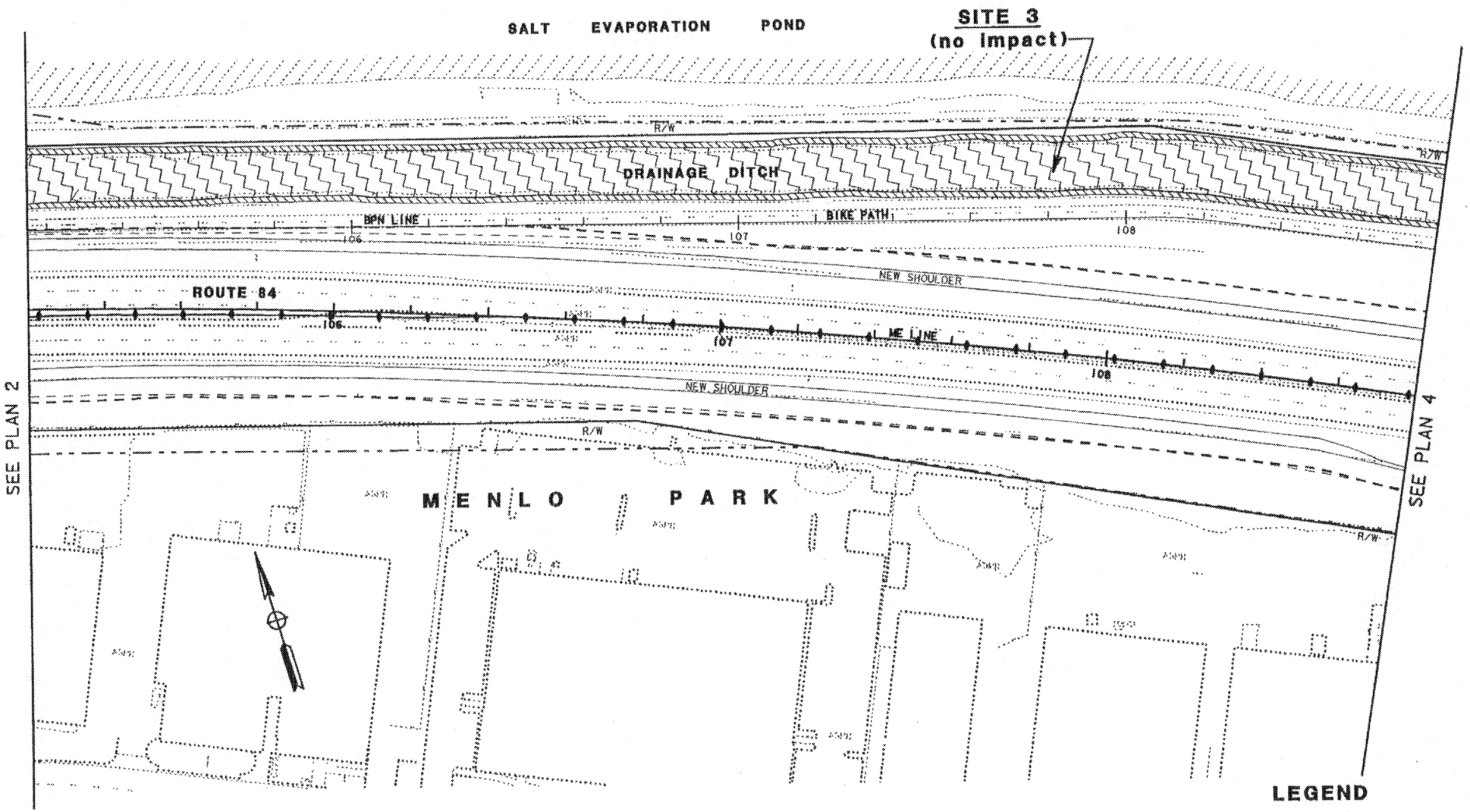
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 2 OF 17 DATE: 7/00

Figure 7 location **PLAN 2**



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- **Excavation Limit**

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

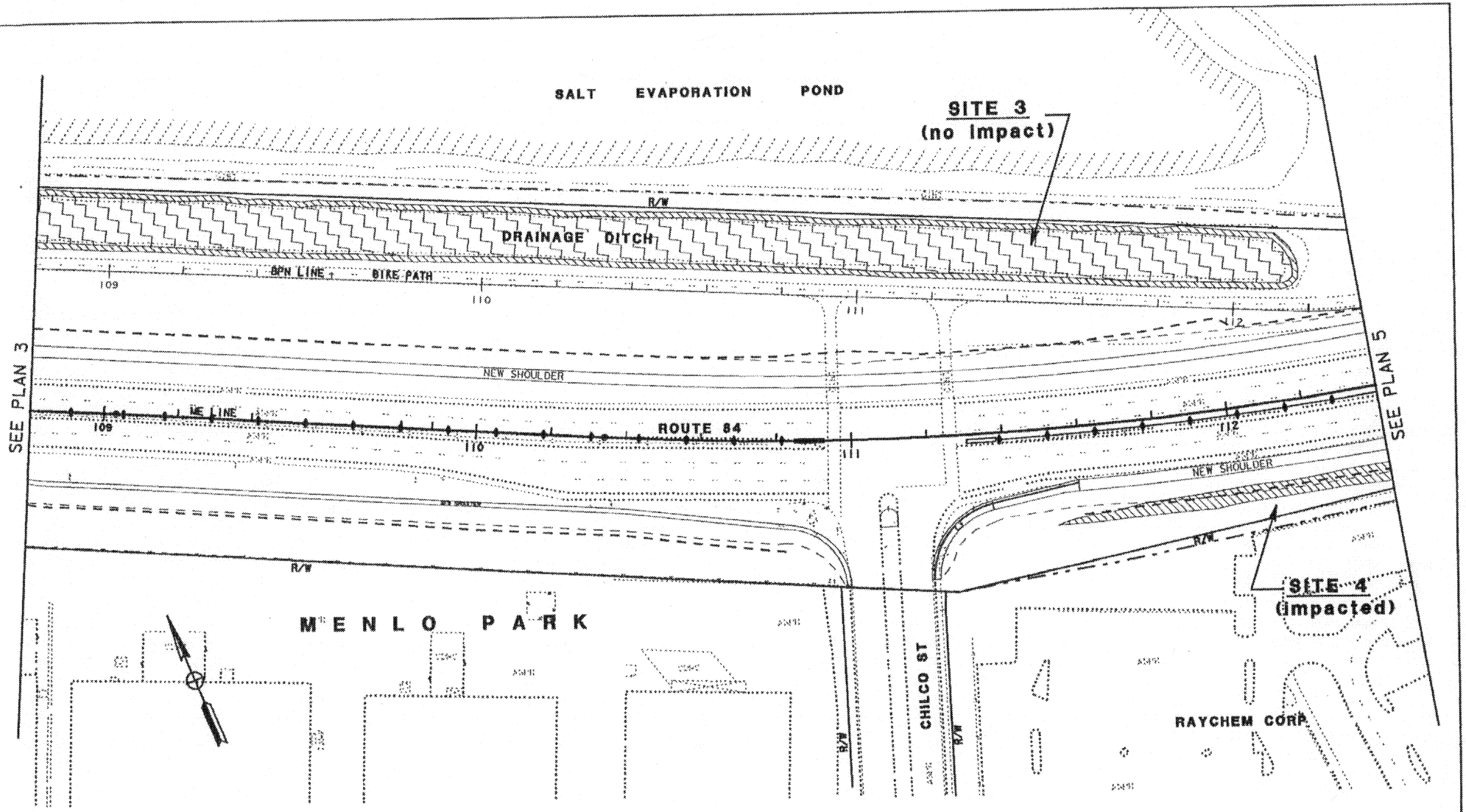
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 3 OF 17 DATE: 7/00

Figure 7

PLAN 3



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- Excavation Limit

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

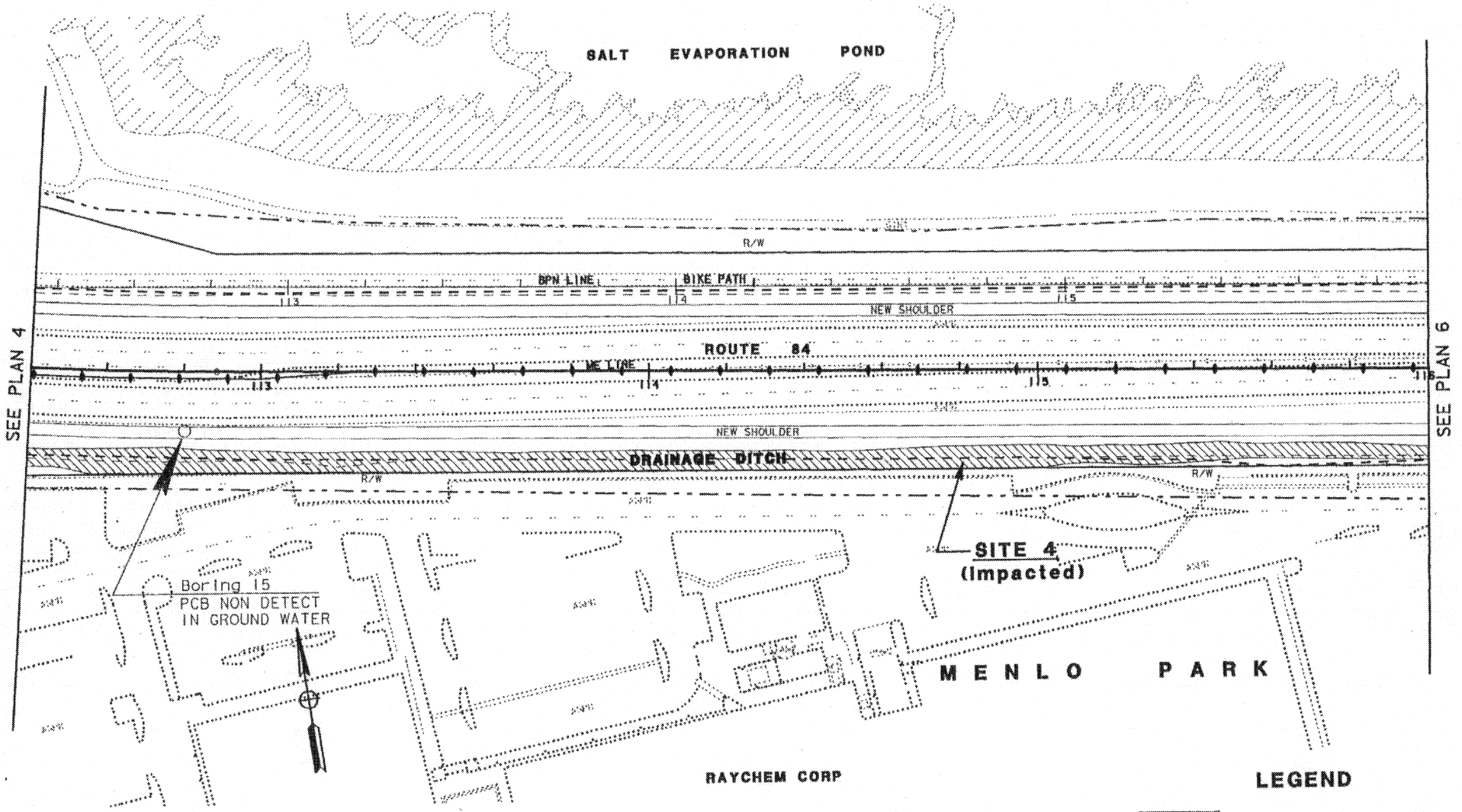
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 4 OF 17 DATE: 7/00

Figure 7

PLAN 4



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- Excavation Limit
- Boring Location

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

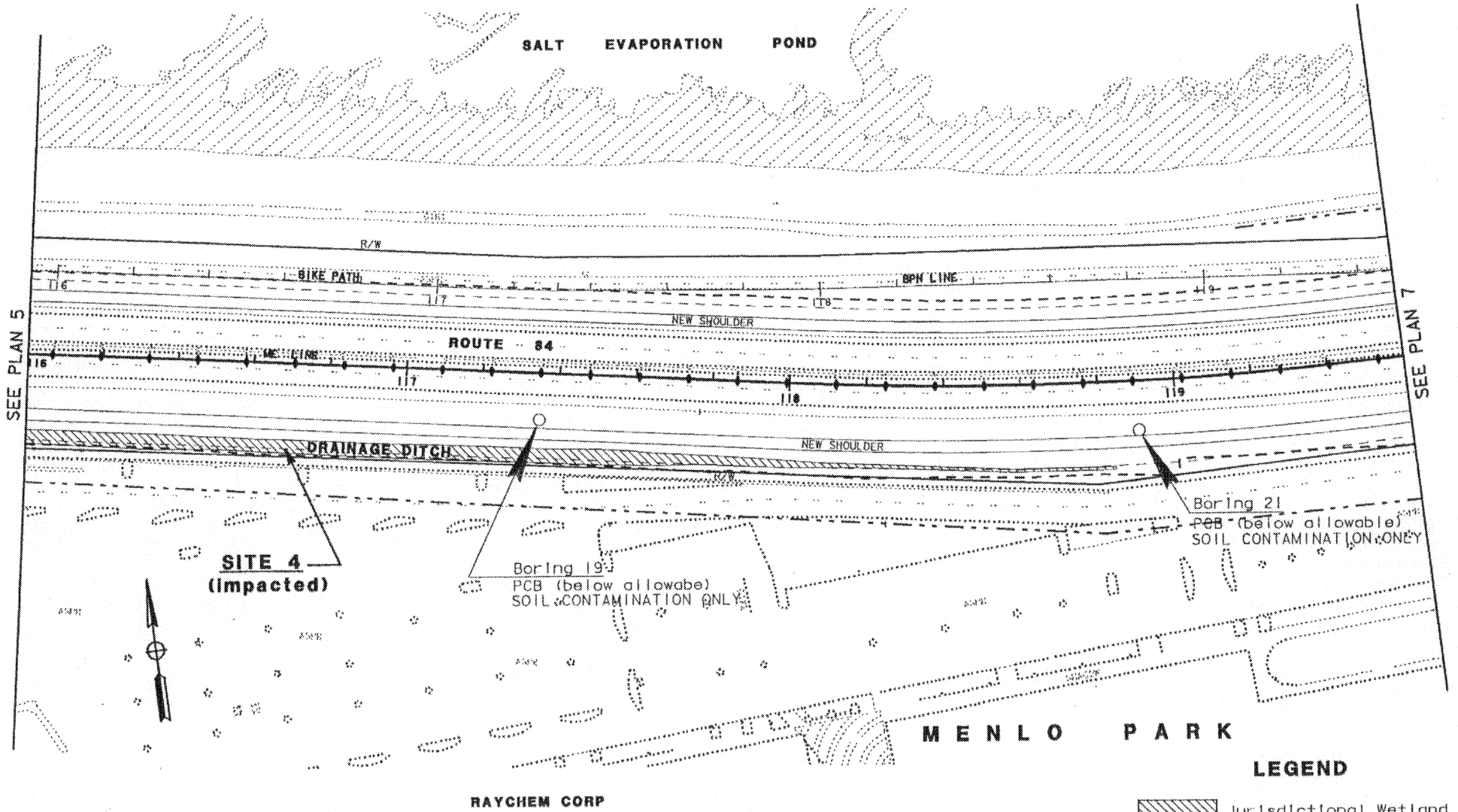
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 5 OF 17 DATE: 7/00

Figure 7 **PLAN 5**



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- **Excavation Limit**
- Boring location

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

Exhibit D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

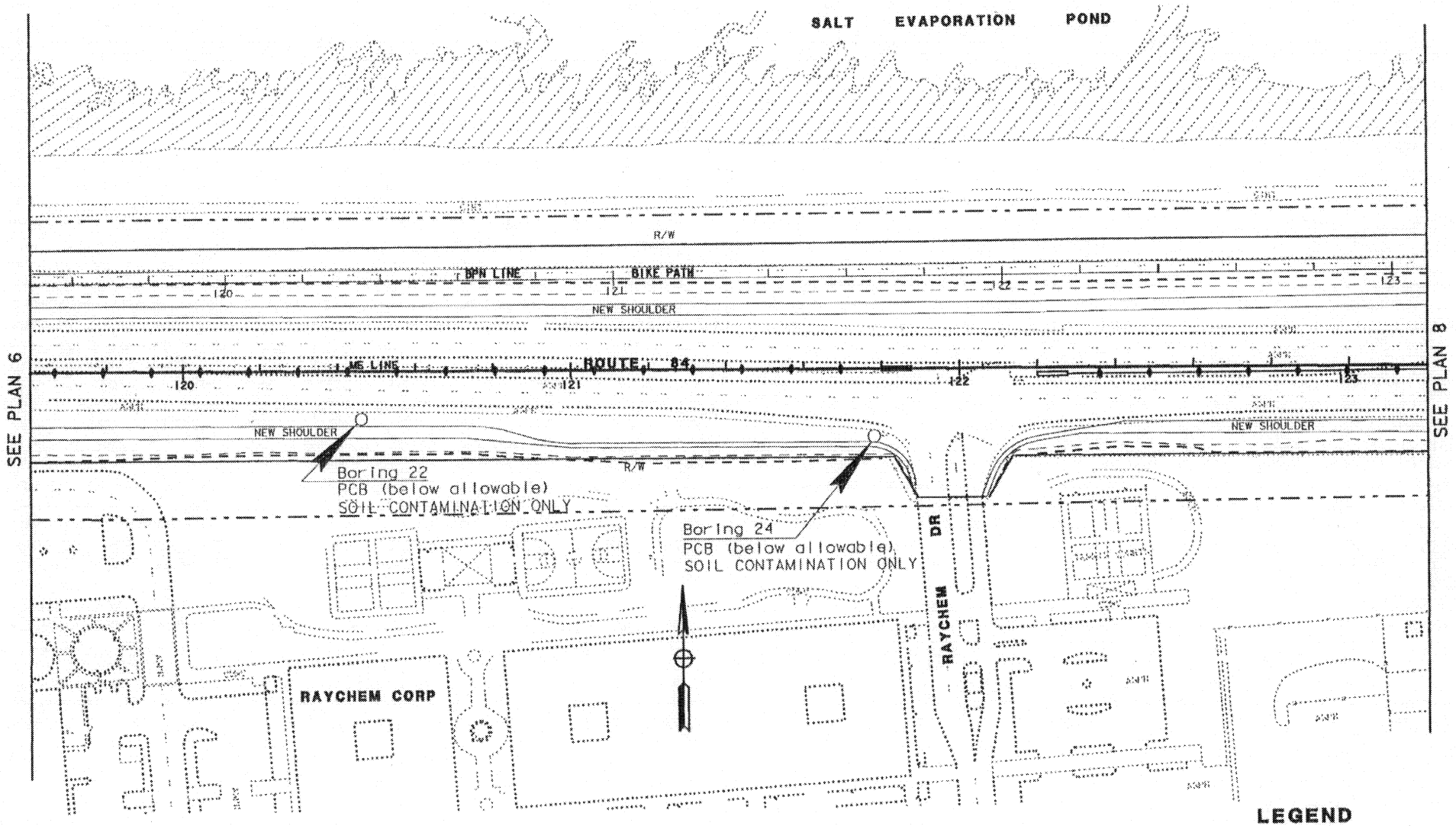
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 6 OF 17 DATE: 7/00

Figure 7 **PLAN 6**



MENLO PARK

LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- **Excavation Limit**
- Boring Location

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

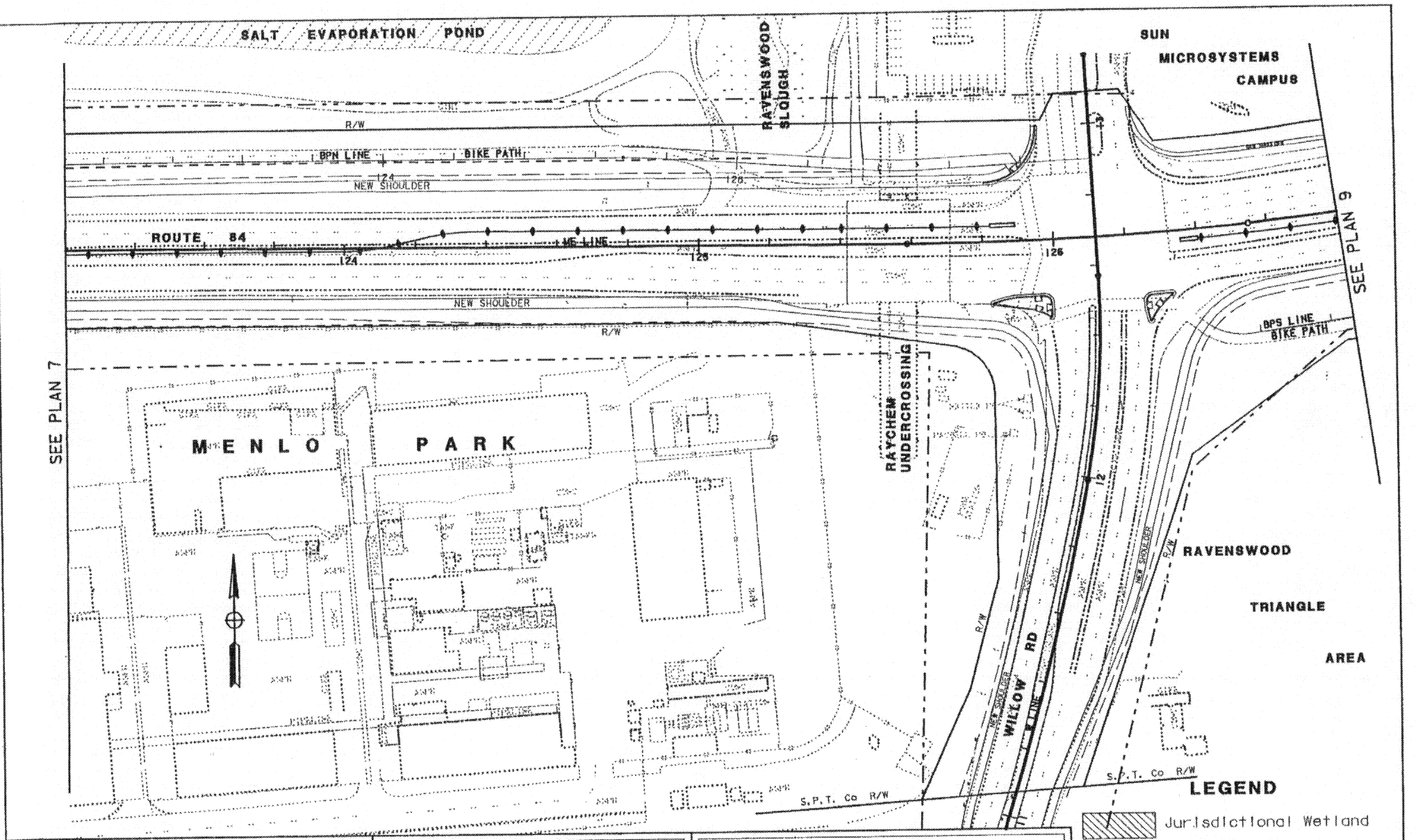
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 7 OF 17 DATE: 7/00

Figure 7 **PLAN 7**



PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

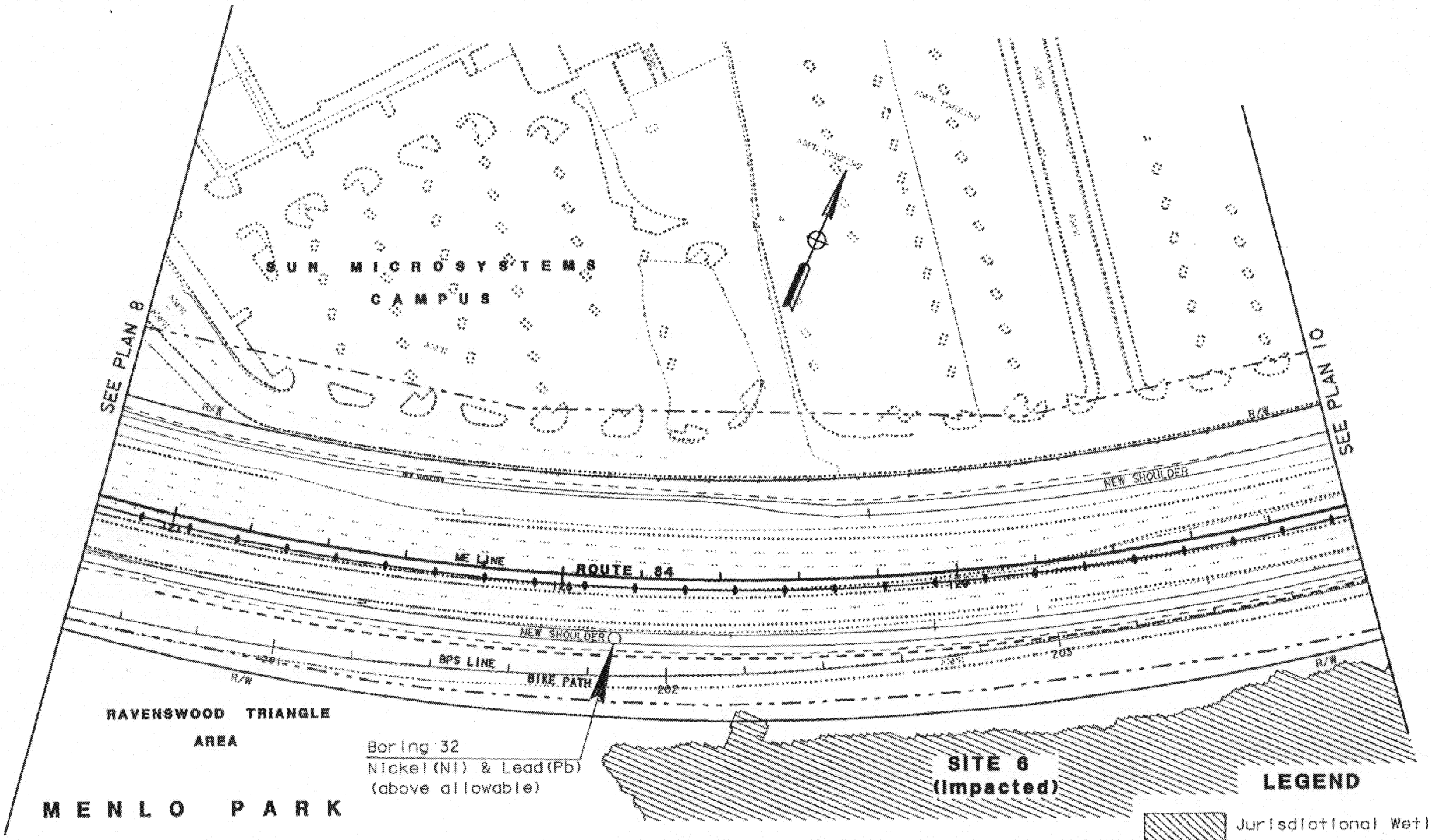
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 8 OF 17 DATE: 7/00

Figure 7

PLAN 8



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- **Excavation Limit**
- Boring Location

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

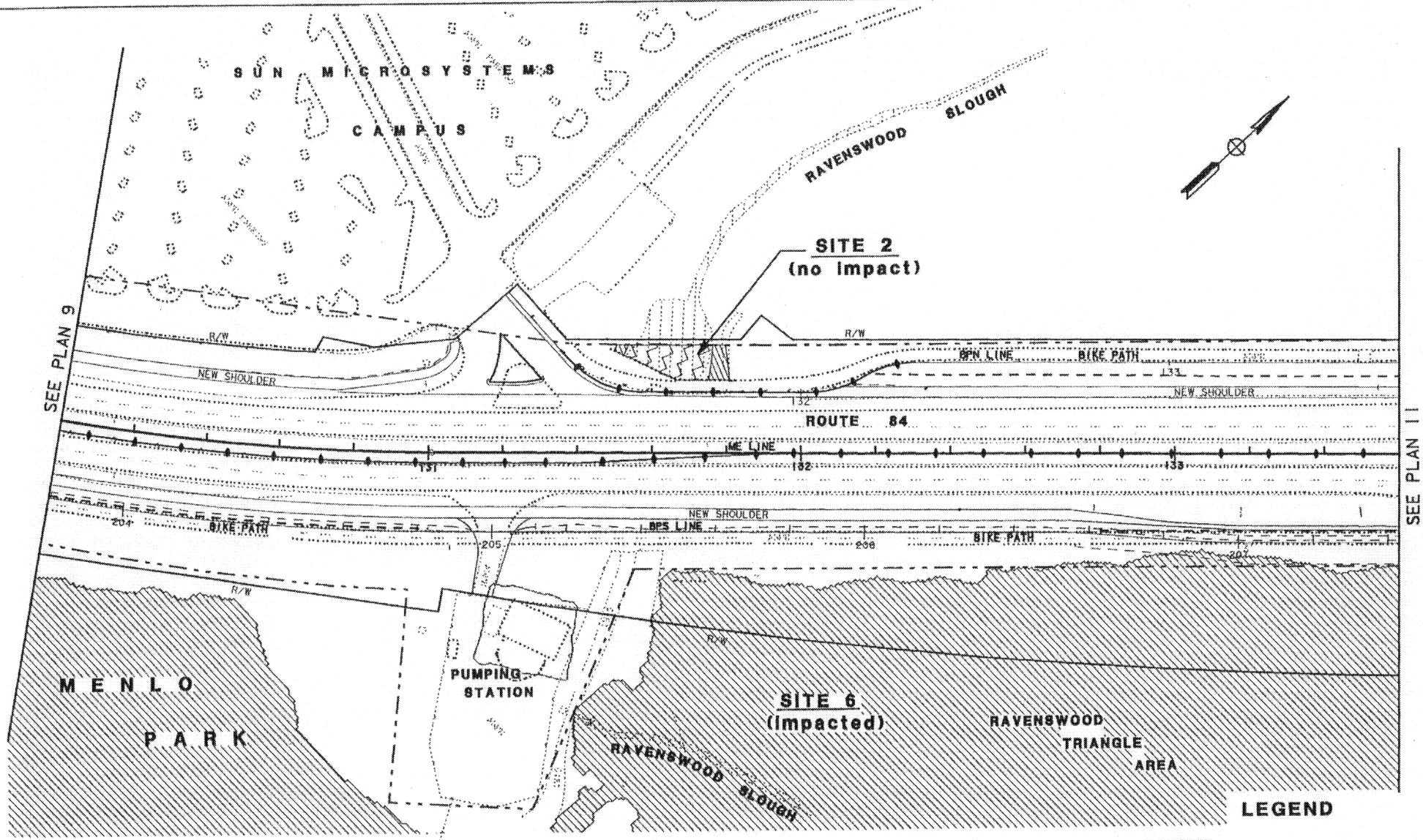
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 9 OF 17 DATE: 7/00

Figure 7

PLAN 9



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- Excavation Limit

Figure 7

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

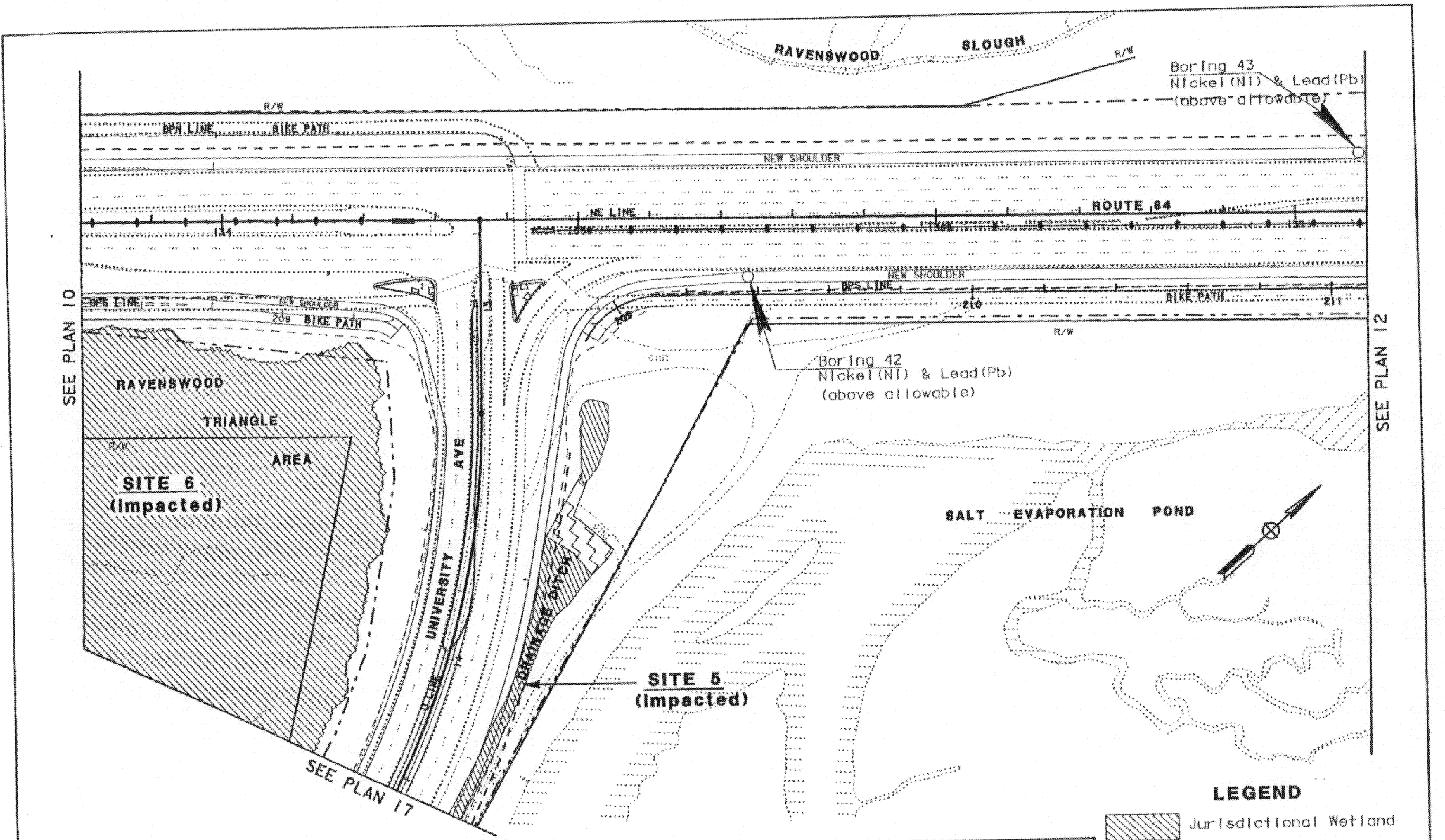
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 10 OF 17 DATE: 7/00

PLAN 10



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- Excavation Limit

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

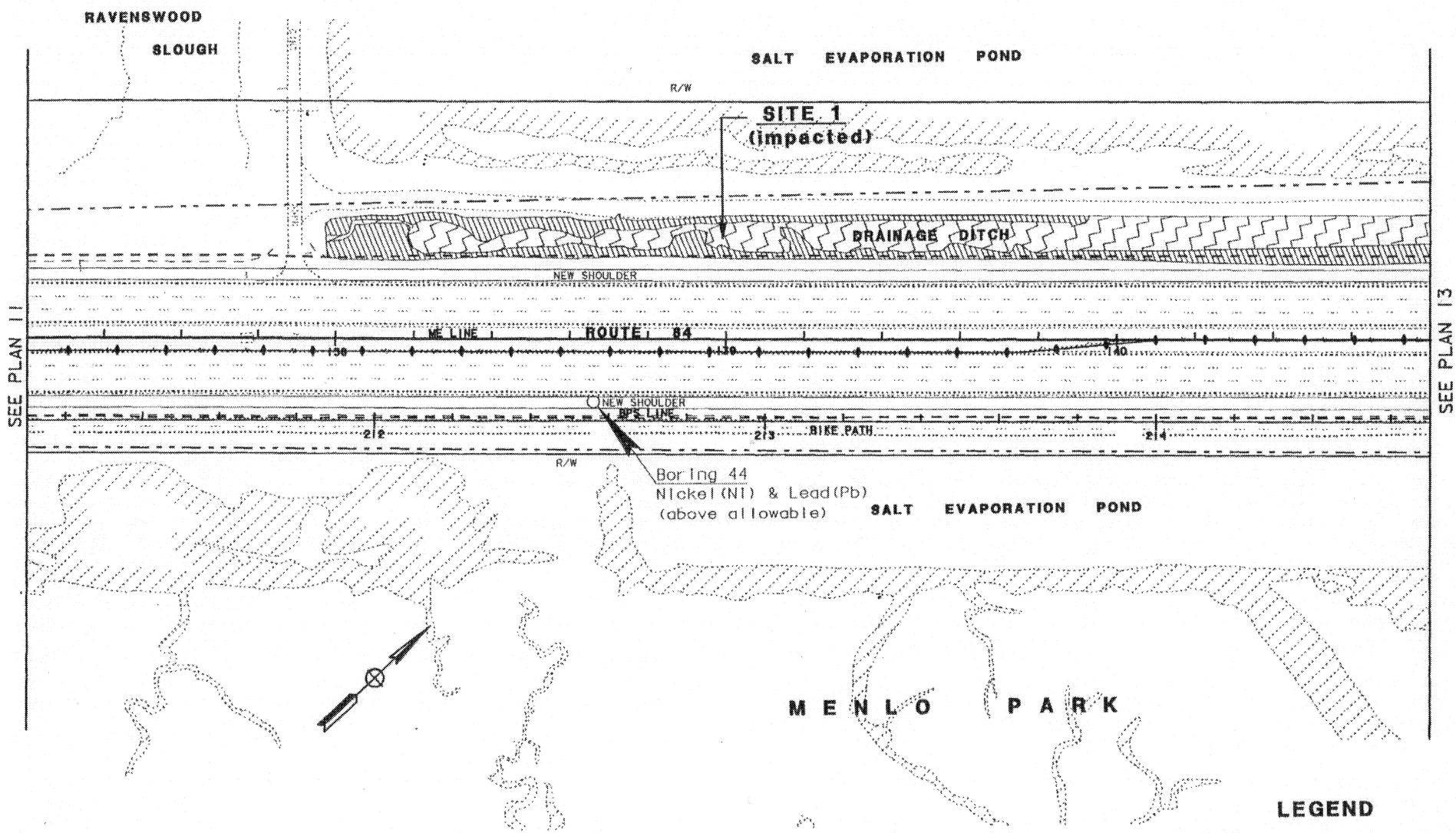
WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD
COUNTY OF: SAN MATEO
APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 11 OF 17 DATE: 7/00

Figure 7 cation

PLAN 11



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- Excavation Limit

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

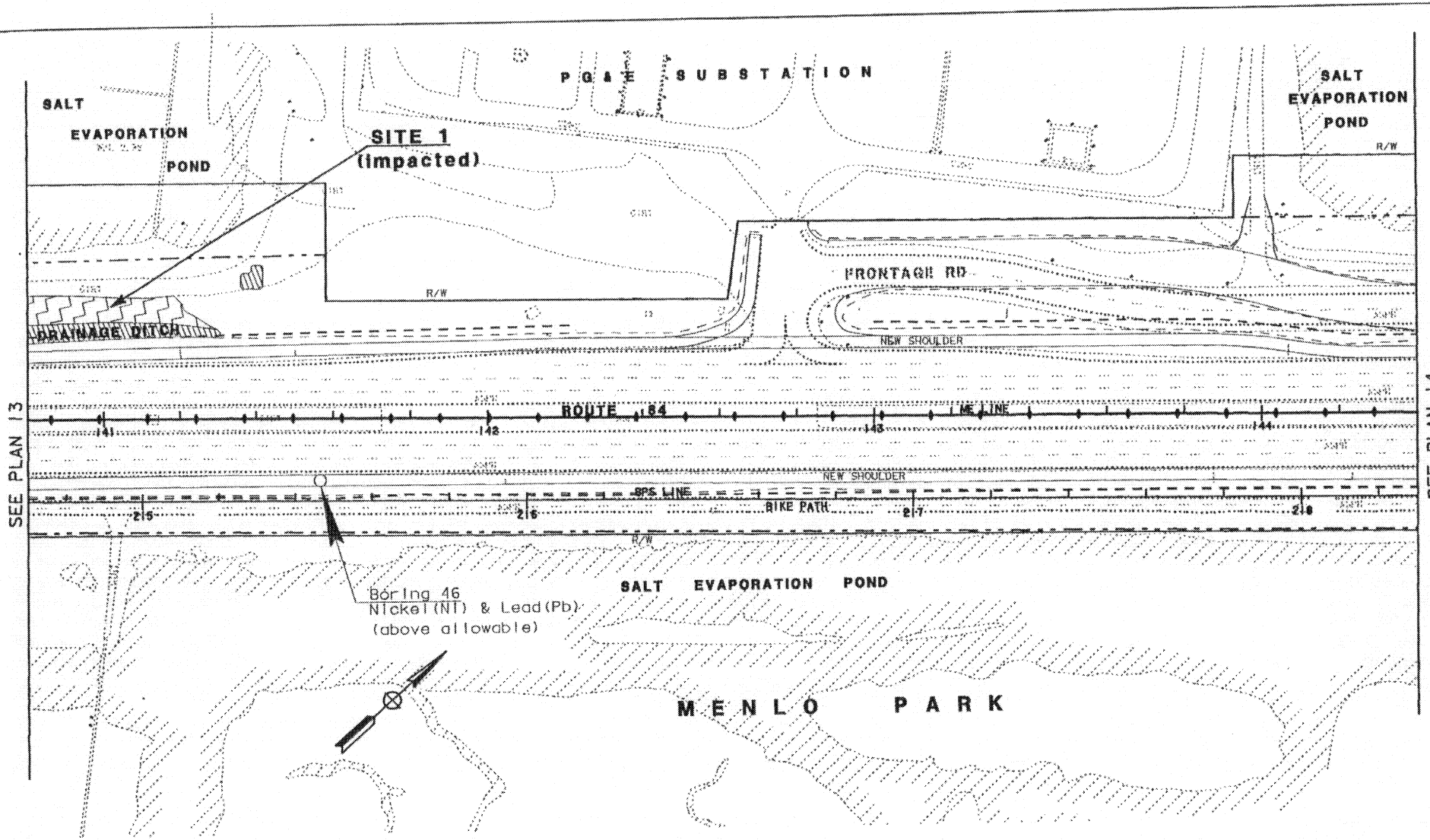
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 12 OF 17 DATE: 7/00

Figure 7

Location
PLAN 12



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- **Excavation Limit**

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

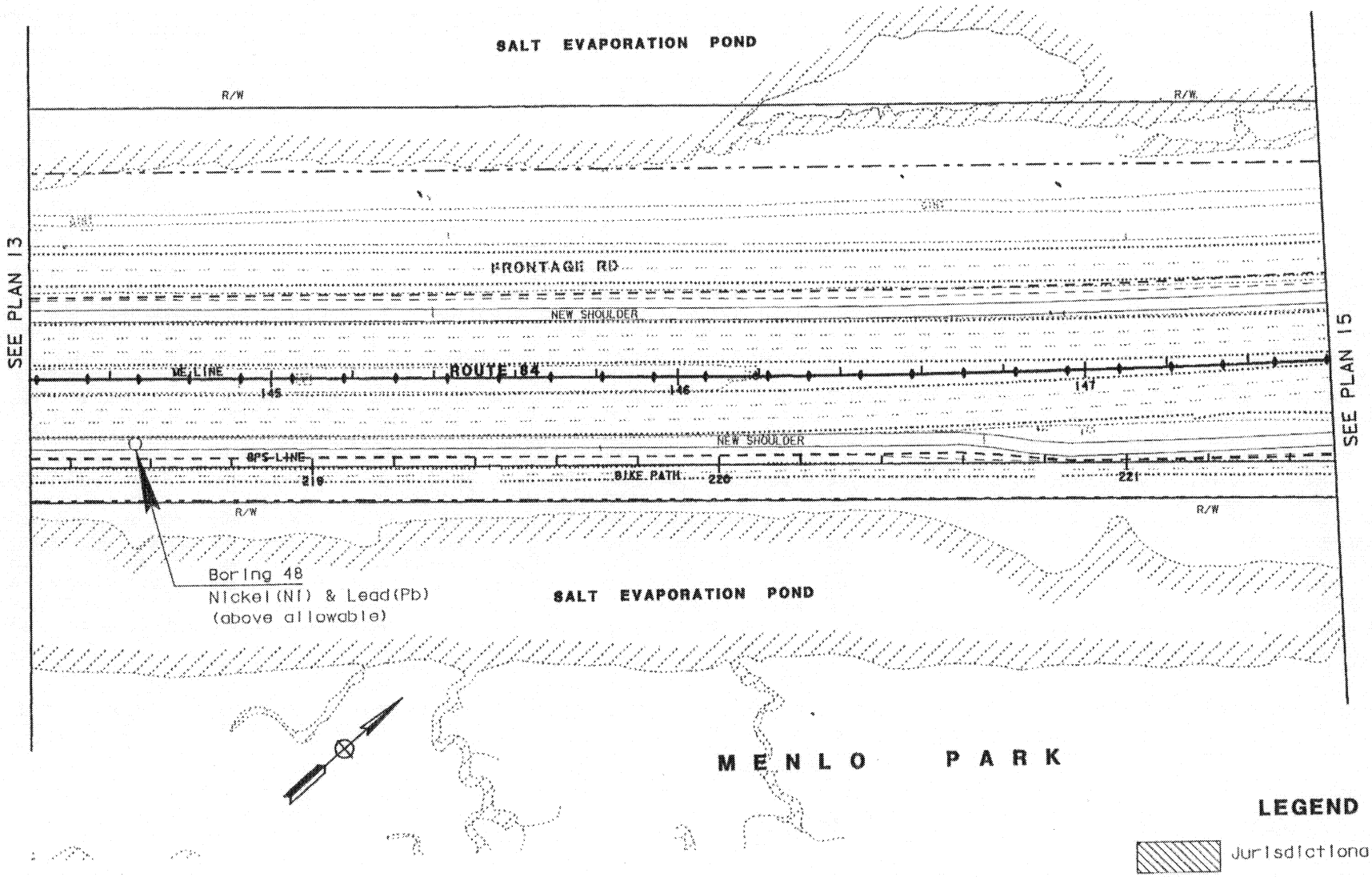
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 13 OF 17 DATE: 7/00

Figure 7

Location **PLAN 13**



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W — Right of Way
- New Toe of Slope
- Excavation Limit
- Boring Location

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

IN: SOUTHWESTERN SAN FRANCISCO BAY

AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

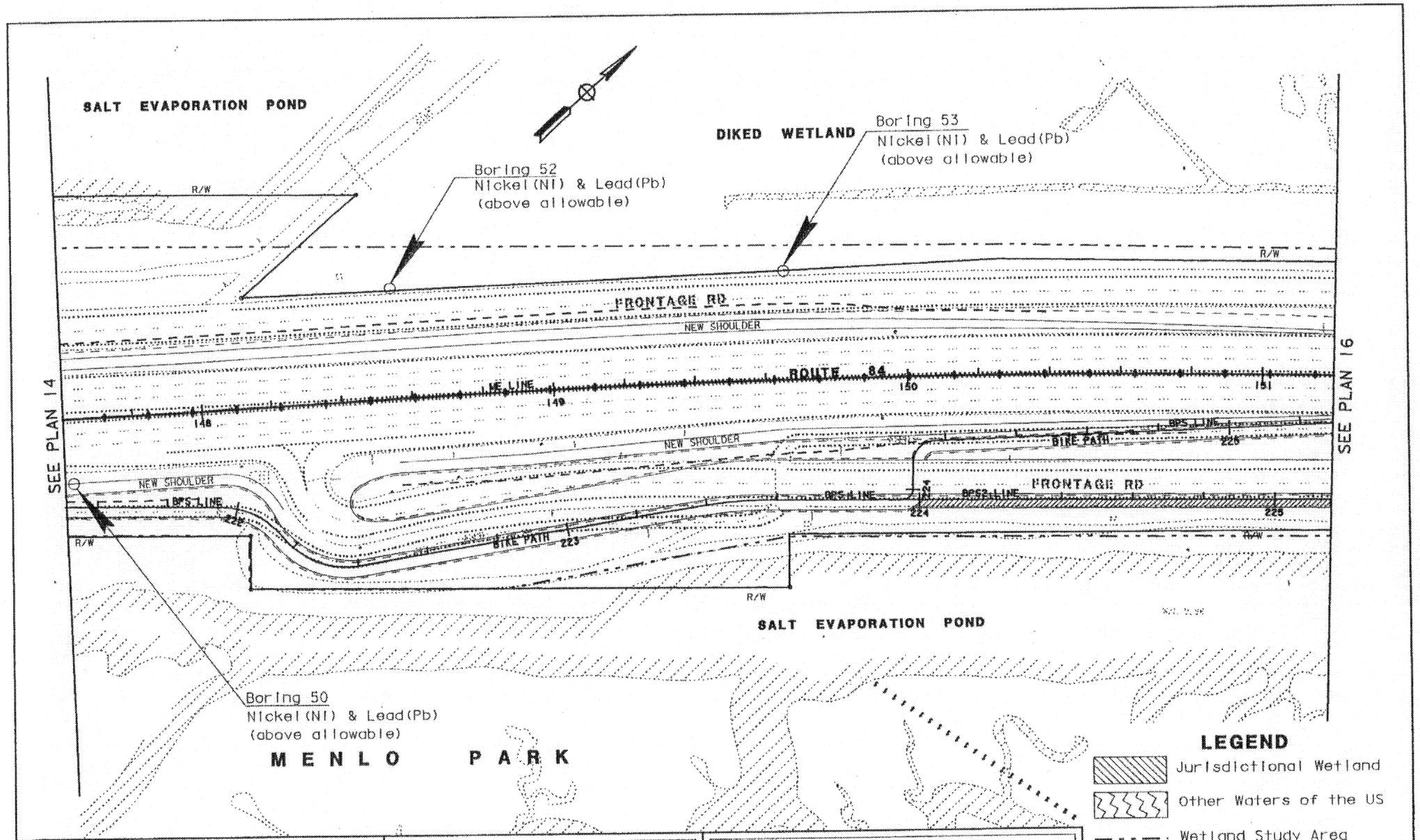
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 14 OF 17 DATE: 7/00

Figure 7

PLAN 14



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- Excavation Limit
- Boring Location
- New Public Access (Class I Bike Path)

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
DISTRICT 4
111 GRAND AVE
OAKLAND, CA 94612

WIDEN EXPRESSWAY
AND INSTALL CONCRETE BARRIER

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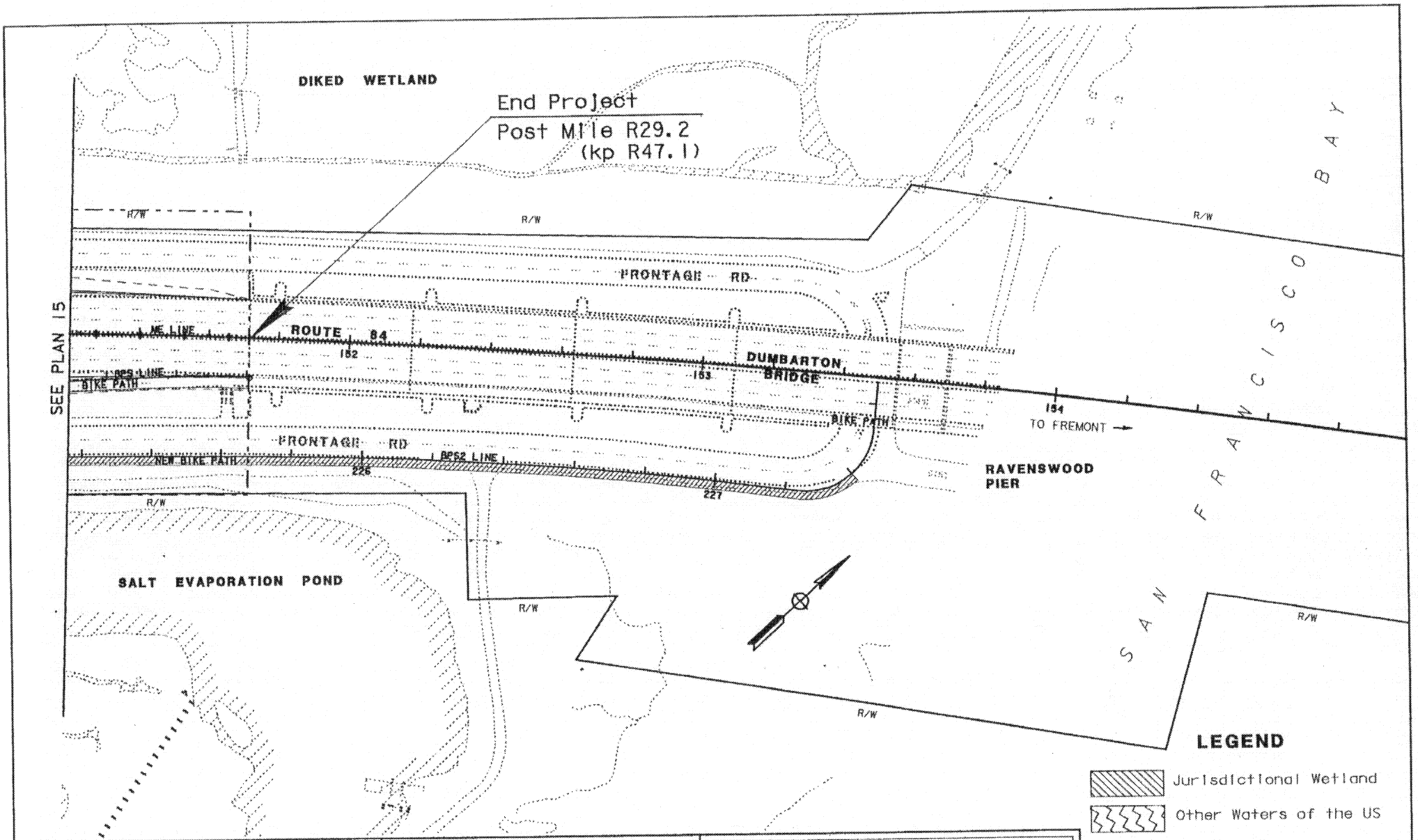
AT: ROUTE 84 BETWEEN DUMBARTON BRIDGE AND MARSH ROAD

COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 15 OF 17 DATE: 7/00

Figure 7 **PLAN 15**



LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- **Excavation Limit**
- New Public Access (Class I Bike Path)

PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS: SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

CALIFORNIA DEPT. OF TRANSPORTATION
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WIDEN EXPRESSWAY
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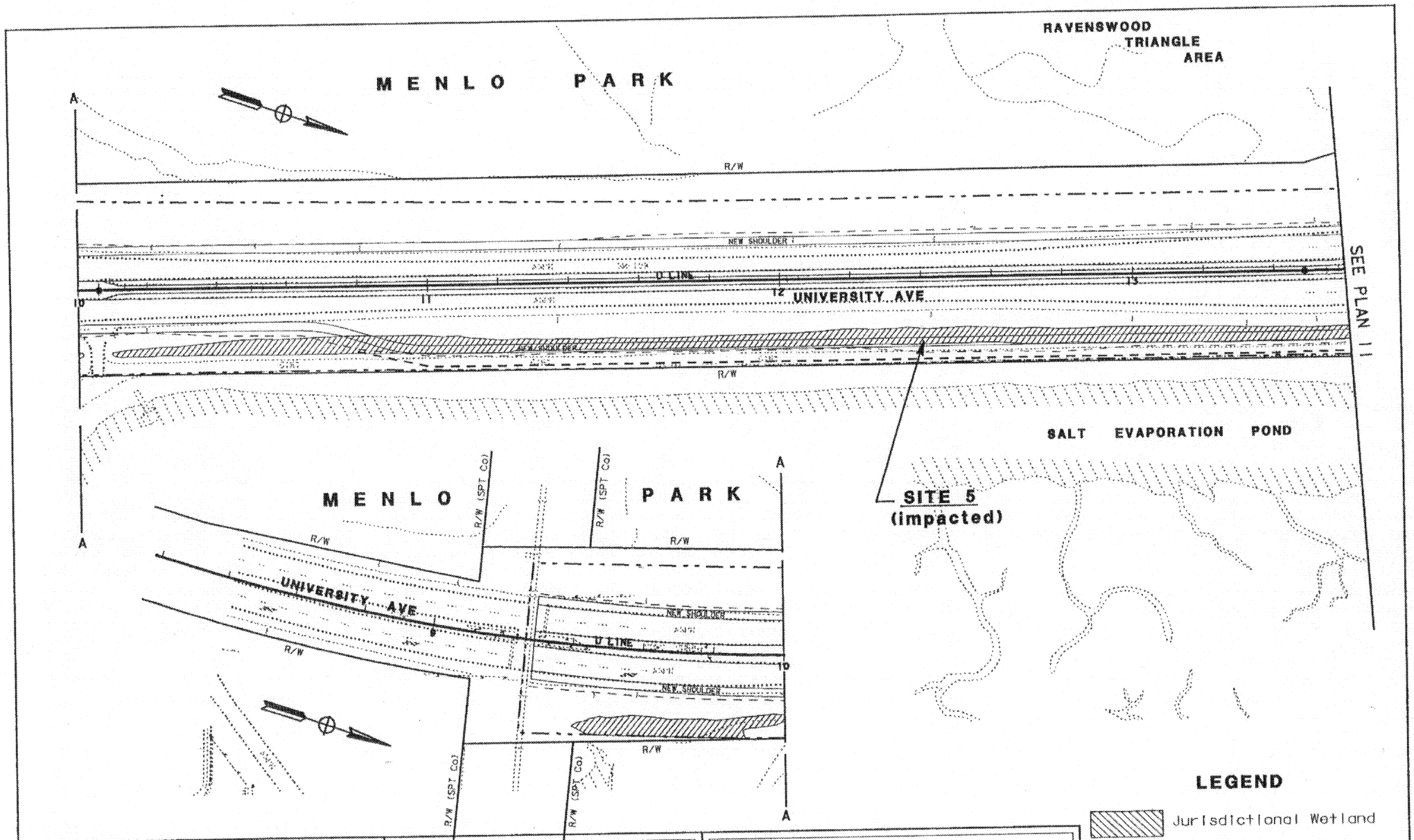
COUNTY OF: SAN MATEO

APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 16 OF 17 DATE: 7/00

Figure 7

PLAN 16



PURPOSE: INCREASE ROADWAY CAPACITY

DATUM: NGVD

ADJACENT PROPERTY OWNERS:
SEE ATTACHMENT

EXHIBIT D

PLAN VIEW

SCALE: 1" = 125' (APPROX)

(STATIONING SHOWN IN METRIC)

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WIDEN EXPRESSWAY
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COUNTY OF: SAN MATEO
APPLICATION BY: CALIFORNIA DEPT. OF TRANSPORTATION

SHEET 17 OF 17 DATE: 7/00

LEGEND

- Jurisdictional Wetland
- Other Waters of the US
- Wetland Study Area
- R/W Right of Way
- New Toe of Slope
- **Excavation Limit**

Figure 7

PLAN 17