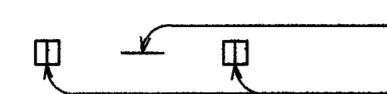
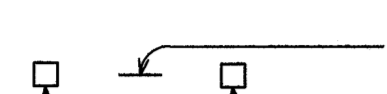
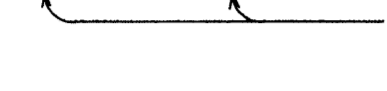
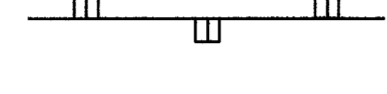
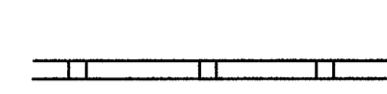


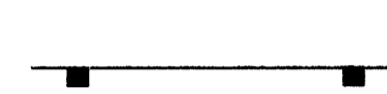

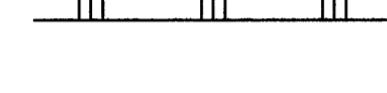

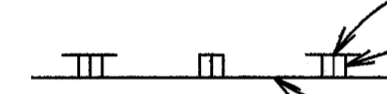


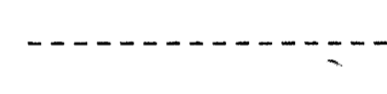
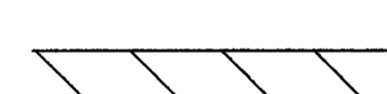
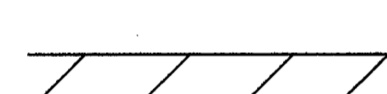




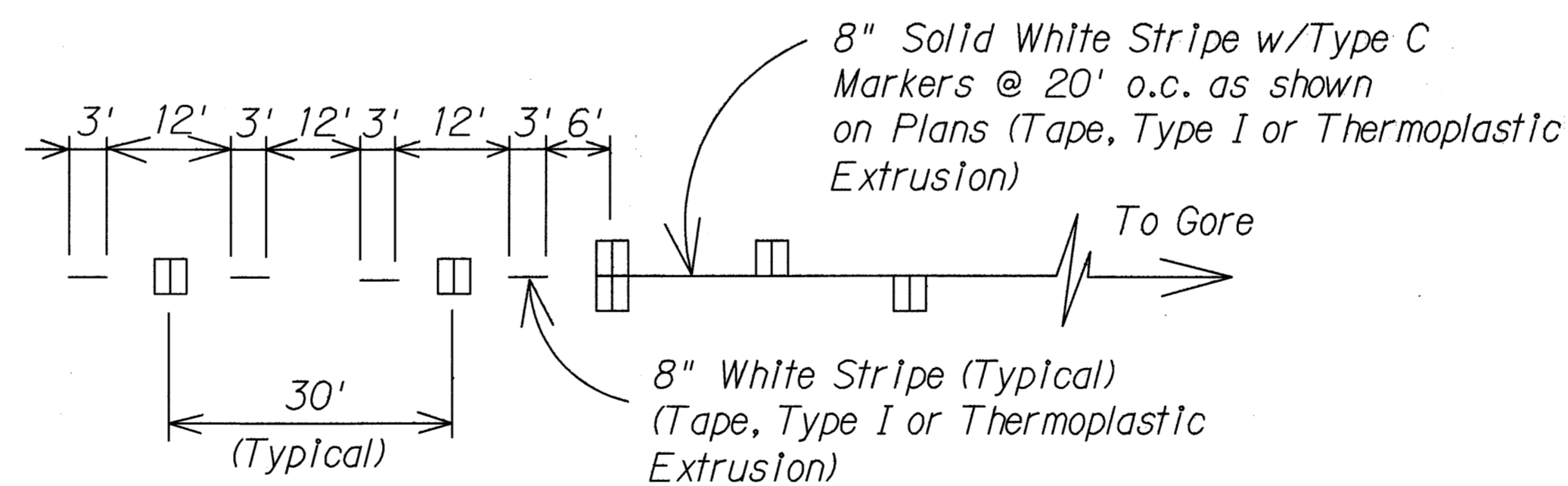
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(30)      | 1993        | 27        | 41           |

**LEGEND**

-  Type C Raised Pavement Markers @ 40'-0" o.c.
-  4 each Type J Raised Pavement Markers
-  Type D Raised Pavement Markers @ 40'-0" o.c.
-  8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  4" Double Solid Yellow Stripes with Type H Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" Double Solid White Stripes with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
-  Lane Change Restriction Marking  
4 each Type A Raised Pavement Markers  
Type C Raised Pavement Markers @ 20'-0" o.c.  
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)
-  4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
-  4" White Guide Lines (Tape, Type III or Thermoplastic Extrusion except for bus bays)
-  Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)
-  Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)
-  Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)
-  Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Tape, Type III or Thermoplastic Extrusion)
-  Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
-  STOP Pavement Word (Tape, Type III or Thermoplastic Extrusion)
-  4 Each Type J Raised Pavement Markers  
Type D Raised Pavement Markers @ 40'-0" o.c.  
Type H Raised Pavement Markers (Reflective Surface facing no-passing direction)  
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)
-  Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

**NOTES**

1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any Installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any Installation work.
5. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
6. Final locations of all Stop Lines shall be approved by the Engineer prior to Installation.
7. All pavement striping shall be as noted on the Legend or plans.
8. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.



**LANE DROP MARKING**  
Not to Scale

|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| DRAWN BY      |      |
| TRACED BY     |      |
| DESIGNED BY   |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| ORIGINAL PLAN |      |
| NOTE BOOK     |      |
| No.           |      |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING**  
**LEGEND, DETAILS & NOTES**

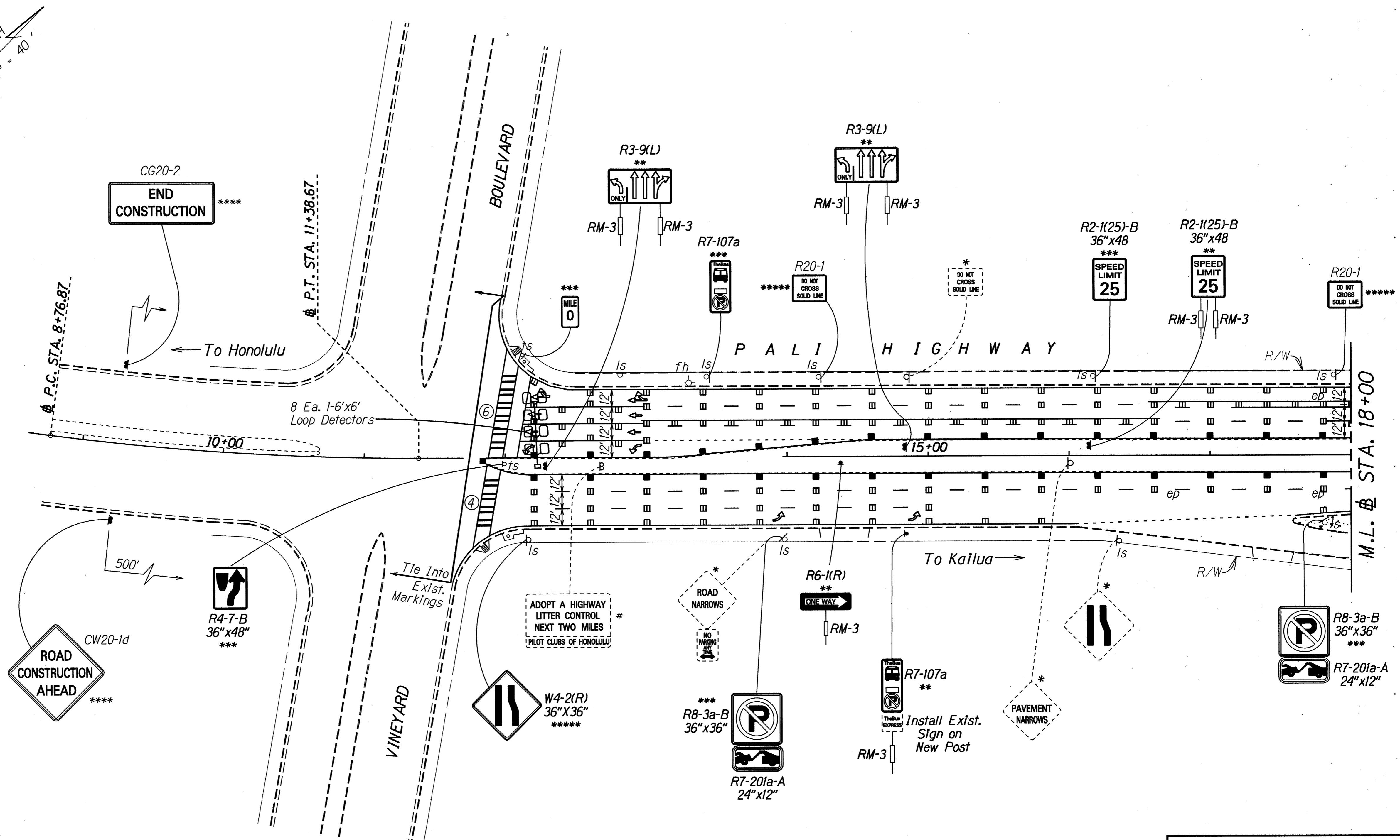
PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-1(30)

Scale : As Shown      Date: February 1993

SHEET No. 27 OF 15 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(30)      | 1993        | 28        | 41           |

TRUE NORTH  
SCALE: 1" = 40'



- KEY:**
- \* Remove Exlst. Sign(s) & Post(s)
  - \*\* Remove Exlst. & Install New Sign(s) & Post(s)
  - \*\*\* Remove Exlst. & Install New Sign(s) on Exlst. Highway Lighting Standard or Traffic Signal Standard
  - \*\*\*\* Install New Sign(s) & Post(s)
  - \*\*\*\*\* Install New Sign(s) on Exlst. Highway Lighting Standard or Traffic Signal Standard
  - # Exlst. Sign(s) to Remain

| DATE   | REVISION                         |
|--------|----------------------------------|
| 6/7/93 | Key added to R8-3a-B Sign        |
| 6/1/93 | Added Location of Loop Detectors |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-1(30)

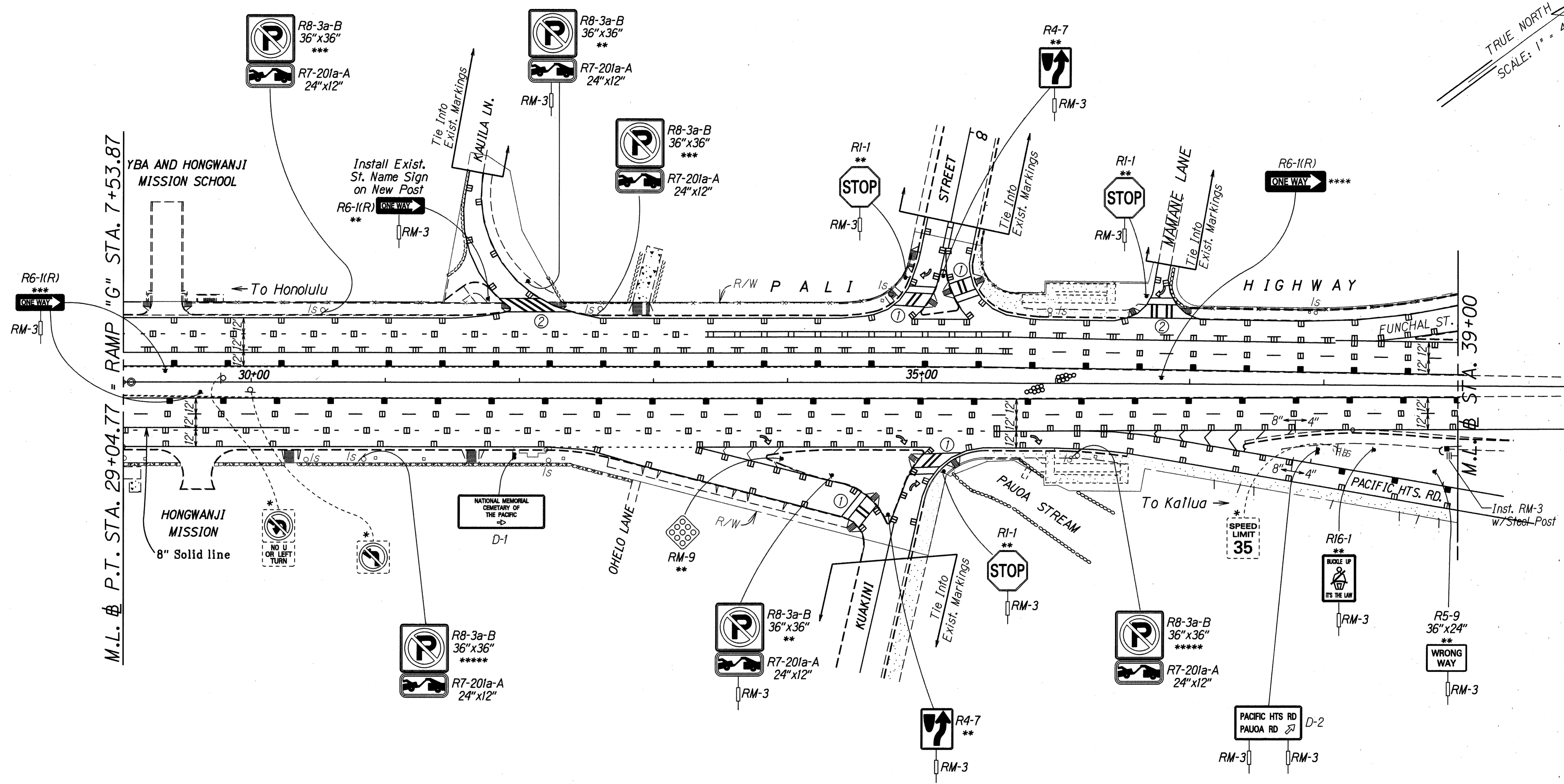
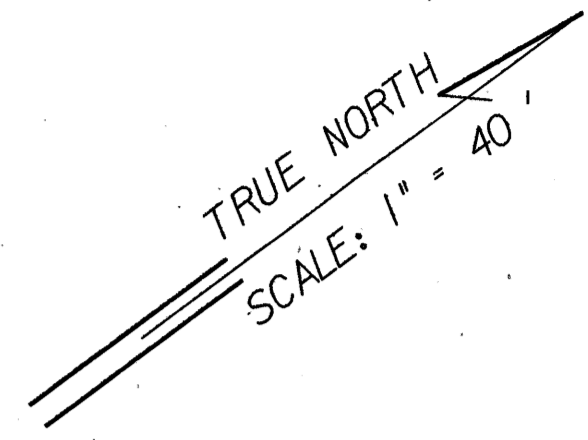
Scale: 1"=40'-0" Date: February 1993

SHEET No. T2 OF 15 SHEETS

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| CHECKED BY        | _____ |
| NO.               | _____ |



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-I(30)      | 1993        | 30        | 41           |



- KEY:**
- \* Remove Exist. Sign(s) & Post(s)
  - \*\* Remove Exist. & Install New Sign(s) & Post(s)
  - \*\*\* Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - \*\*\*\* Install New Sign(s) & Post(s)
  - \*\*\*\*\* Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - # Exist. Sign(s) to Remain

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
|                              | Squiggly line for as-built deletion |
|                              | Double line for as-built deletion   |
| Roadway                      | Text for as-built posting           |

| DATE   | REVISION                                     |
|--------|--|
| 6/7/93 | Extended Limit of Resurfacing at Kuakini St. |
| 6/1/93 | Added Reflector Marker                       |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-I(30)

Scale: 1"=40'-0"      Date: February 1993

SHEET No. 14 OF 15 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| NO.               |      |

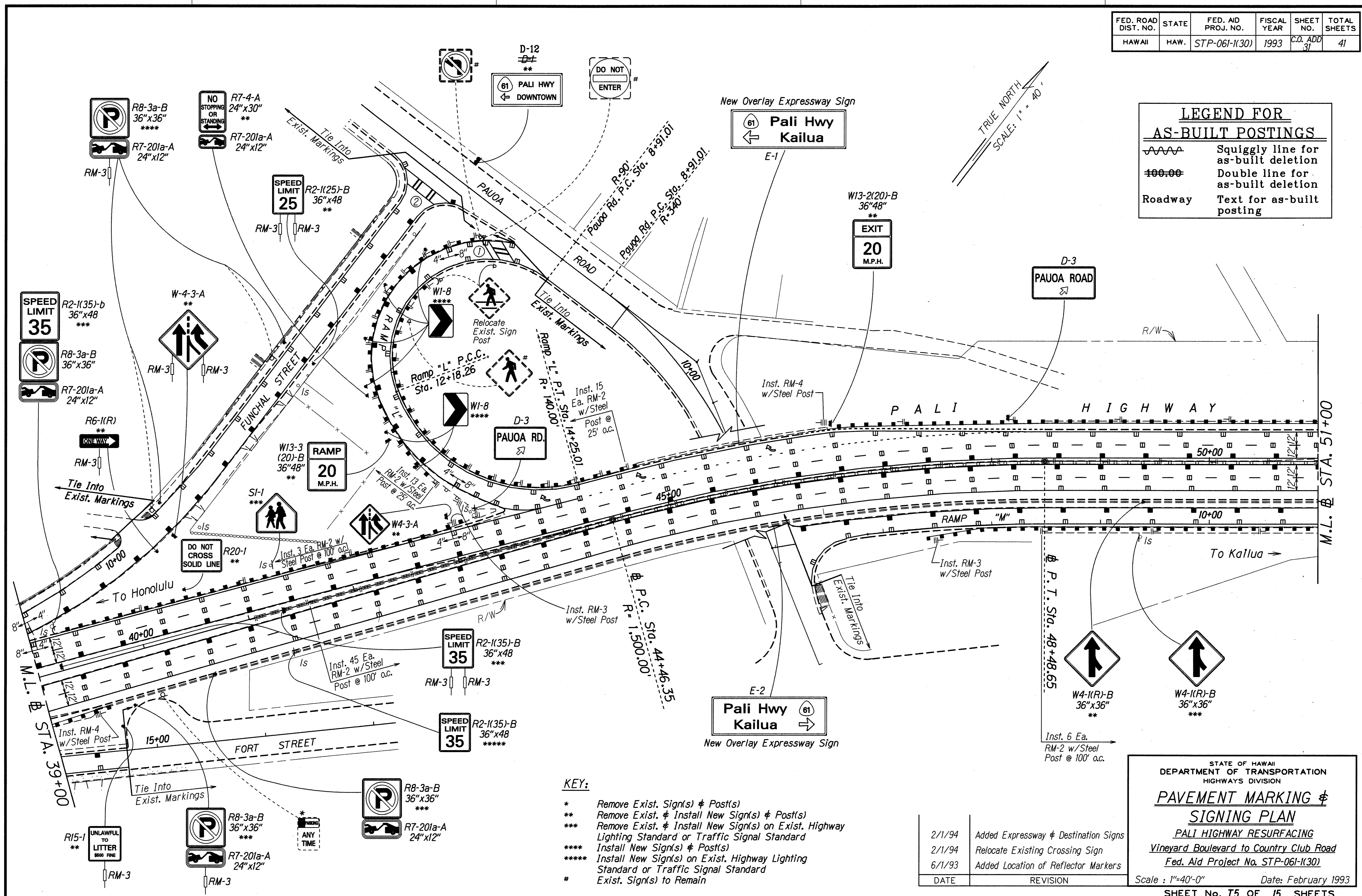
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO.   | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-------------|--------------|
| HAWAII              | HAW.  | STP-061-K30        | 1993        | C.O. ADD 31 | 41           |

**LEGEND FOR AS-BUILT POSTINGS**

~~~~~ Squiggly line for as-built deletion

=====~~====~~ Double line for as-built deletion

Roadway Text for as-built posting



DATE: \_\_\_\_\_  
 SURVEY PLOTTED BY: \_\_\_\_\_  
 DRAWN BY: M. Honolulu  
 DESIGNED BY: G. L. L. L.  
 CHECKED BY: \_\_\_\_\_  
 ORIGINAL PLAN: \_\_\_\_\_  
 NOTE: BOOK 10/11/93  
 10/11/93  
 10/11/93

- KEY:**
- \* Remove Exist. Sign(s) & Post(s)
  - \*\* Remove Exist. & Install New Sign(s) & Post(s)
  - \*\*\* Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - \*\*\*\* Install New Sign(s) & Post(s)
  - \*\*\*\*\* Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - # Exist. Sign(s) to Remain

| DATE   | REVISION                             |
|--------|--------------------------------------|
| 2/1/94 | Added Expressway & Destination Signs |
| 2/1/94 | Relocate Existing Crossing Sign      |
| 6/1/93 | Added Location of Reflector Markers  |

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

**PALI HIGHWAY RESURFACING**  
 Vineyard Boulevard to Country Club Road  
 Fed. Aid Project No. STP-061-K30

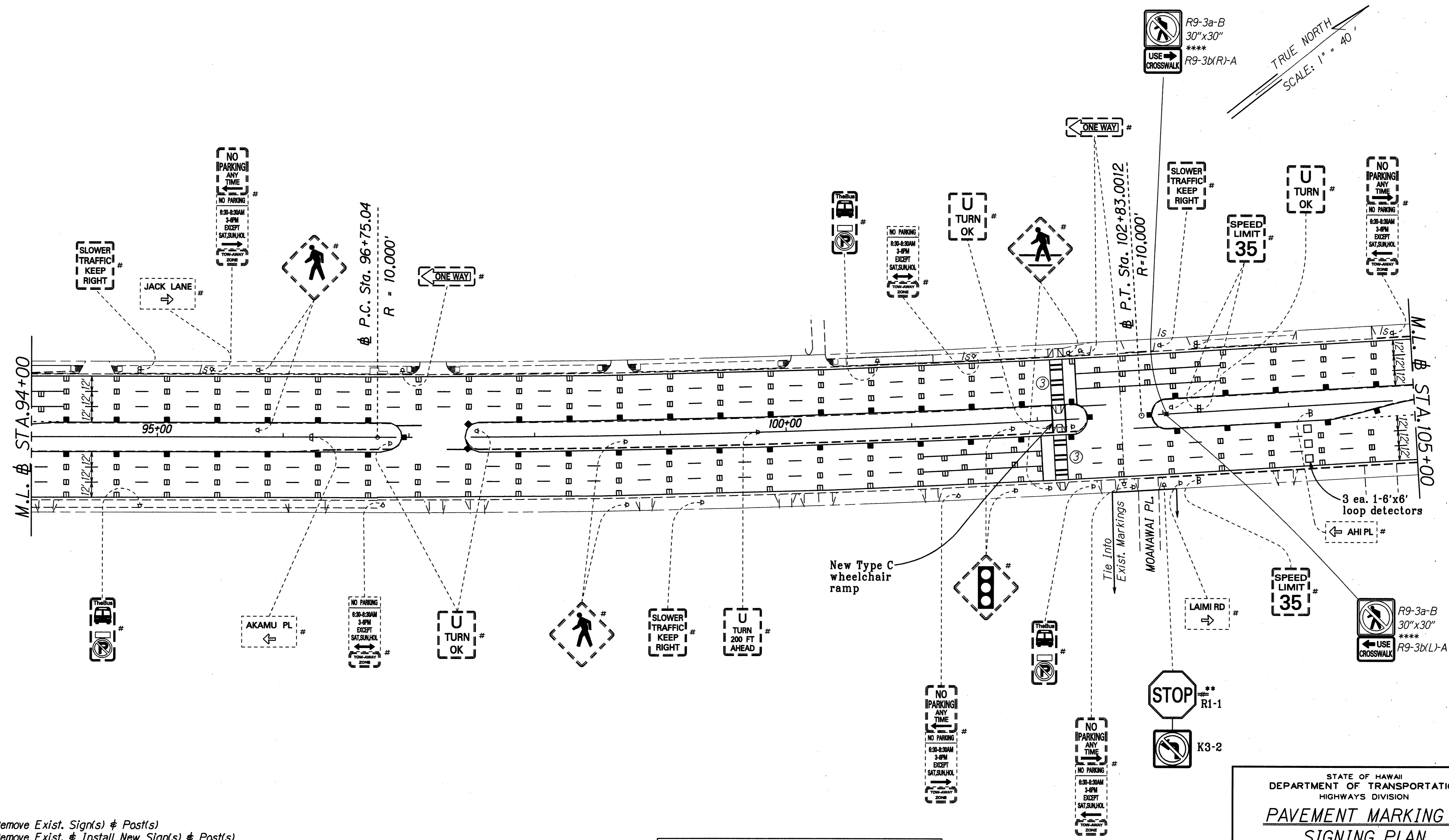
Scale: 1"=40'-0" Date: February 1993  
 SHEET No. T5 OF 15 SHEETS







| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-K30        | 1993        | 35        | 41           |



**KEY:**

- \* Remove Exist. Sign(s) & Post(s)
- \*\* Remove Exist. & Install New Sign(s) & Post(s)
- \*\*\* Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
- \*\*\*\* Install New Sign(s) & Post(s)
- \*\*\*\*\* Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
- # Exist. Sign(s) to Remain

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
|                              | Squiggly line for as-built deletion |
|                              | Double line for as-built deletion   |
| Roadway                      | Text for as-built posting           |

| DATE   | REVISION                                              |
|--------|-------------------------------------------------------|
| 6/1/93 | "U TURN OK" Sign to remain. Key added to R9-3a-B Sign |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

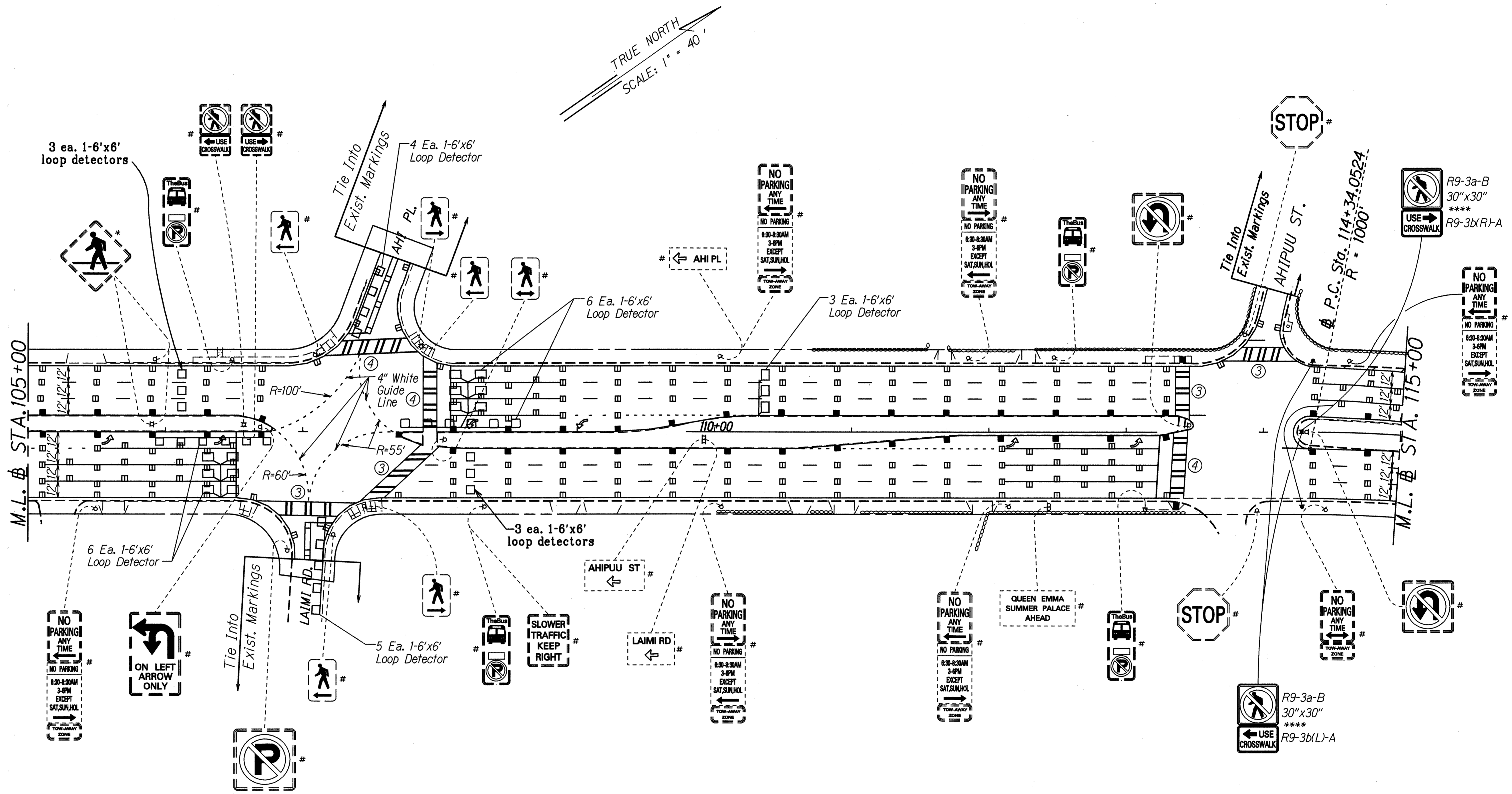
PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-K30

Scale: 1"=40'-0"      Date: February 1993

SHEET No. 79 OF 15 SHEETS

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| NOTED BY          |      |
| CHECKED BY        |      |
| NO.               |      |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-(130)      | 1993        | 36        | 41           |



|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| TRACED BY     |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| ORIGINAL PLAN |      |
| NOTE BOOK     |      |
| NO.           |      |

- KEY:**
- \* Remove Exist. Sign(s) & Post(s)
  - \*\* Remove Exist. & Install New Sign(s) & Post(s)
  - \*\*\* Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - \*\*\*\* Install New Sign(s) & Post(s)
  - \*\*\*\*\* Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - # Exist. Sign(s) to Remain

**LEGEND FOR AS-BUILT POSTINGS**

|         |                                     |
|---------|-------------------------------------|
|         | Squiggly line for as-built deletion |
|         | Double line for as-built deletion   |
| Roadway | Text for as-built posting           |

| DATE   | REVISION                                                     |
|--------|--------------------------------------------------------------|
| 6/7/93 | Added Stop Bar & Extended Limit of Resurfacing               |
| 6/1/93 | Added Location of Loop Detectors & Key Added to R9-3a-B Sign |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

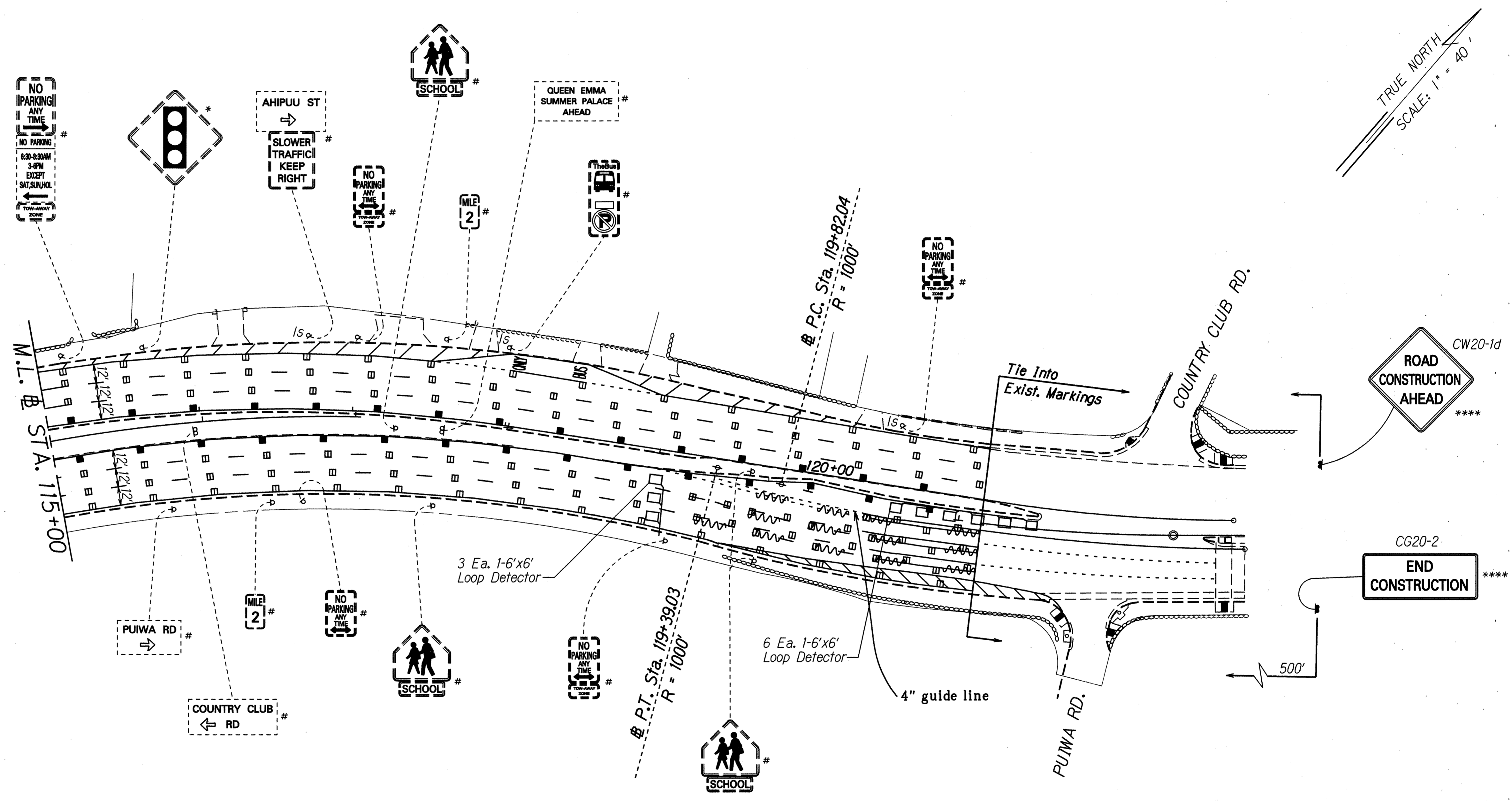
**PAVEMENT MARKING & SIGNING PLAN**

PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-(130)

Scale: 1"=40'-0"      Date: February 1993

SHEET No. 110 OF 36 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(30)      | 1993        | 37        | 41           |



TRUE NORTH  
SCALE: 1" = 40'

CW20-1d  
ROAD CONSTRUCTION AHEAD  
\*\*\*\*

CG20-2  
END CONSTRUCTION  
\*\*\*\*

|             |      |
|-------------|------|
| DESIGNED BY | DATE |
| DRAWN BY    |      |
| CHECKED BY  |      |
| APPROVED BY |      |
| DATE        |      |

- KEY:**
- \* Remove Exist. Sign(s) & Post(s)
  - \*\* Remove Exist. & Install New Sign(s) & Post(s)
  - \*\*\* Remove Exist. & Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - \*\*\*\* Install New Sign(s) & Post(s)
  - \*\*\*\*\* Install New Sign(s) on Exist. Highway Lighting Standard or Traffic Signal Standard
  - \* Exist. Sign(s) to Remain

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
|                              | Squiggly line for as-built deletion |
|                              | Double line for as-built deletion   |
|                              | Roadway Text for as-built posting   |

|        |                                  |
|--------|----------------------------------|
| 6/1/93 | Added Location of Loop Detectors |
| DATE   | REVISION                         |

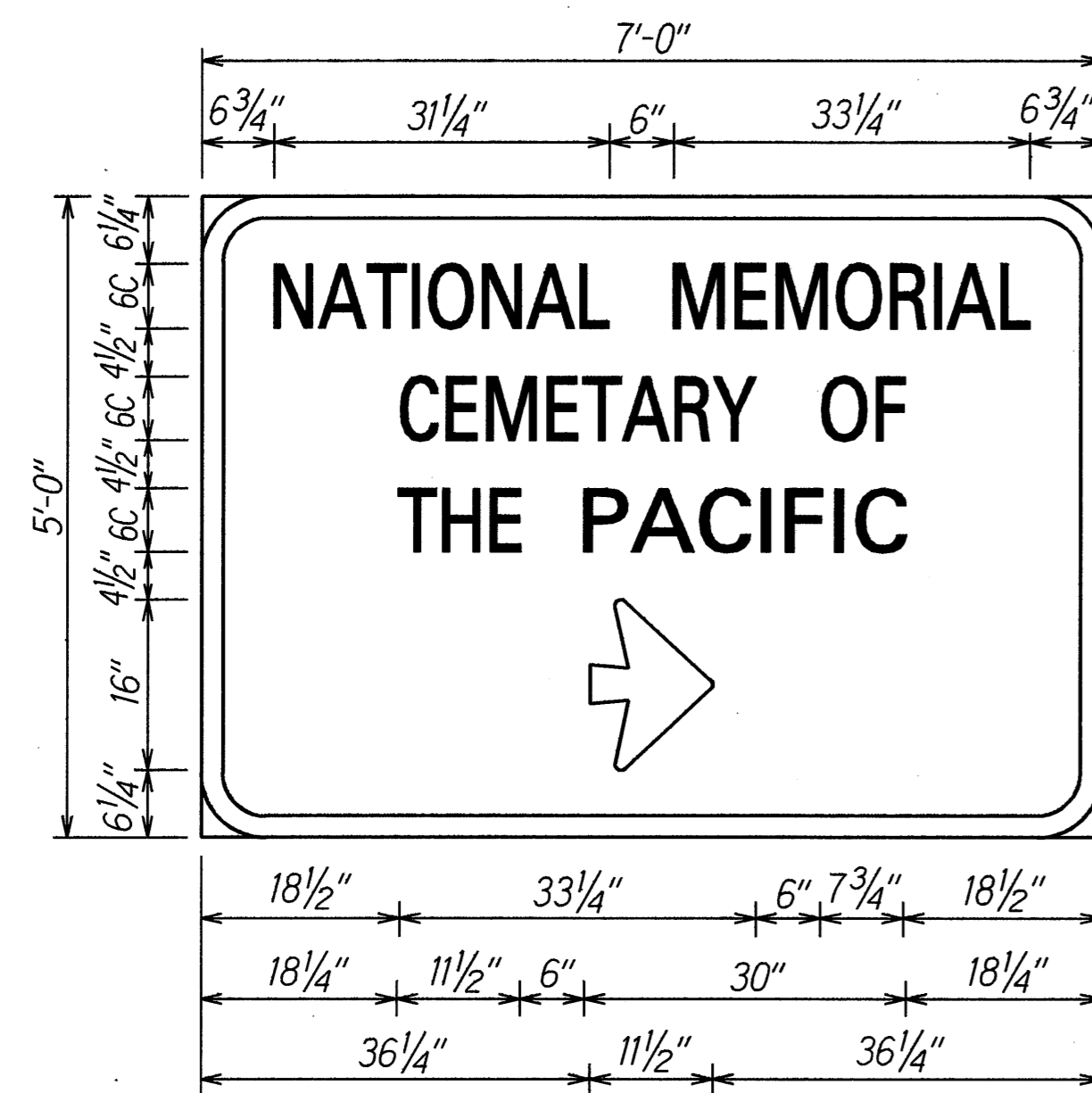
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

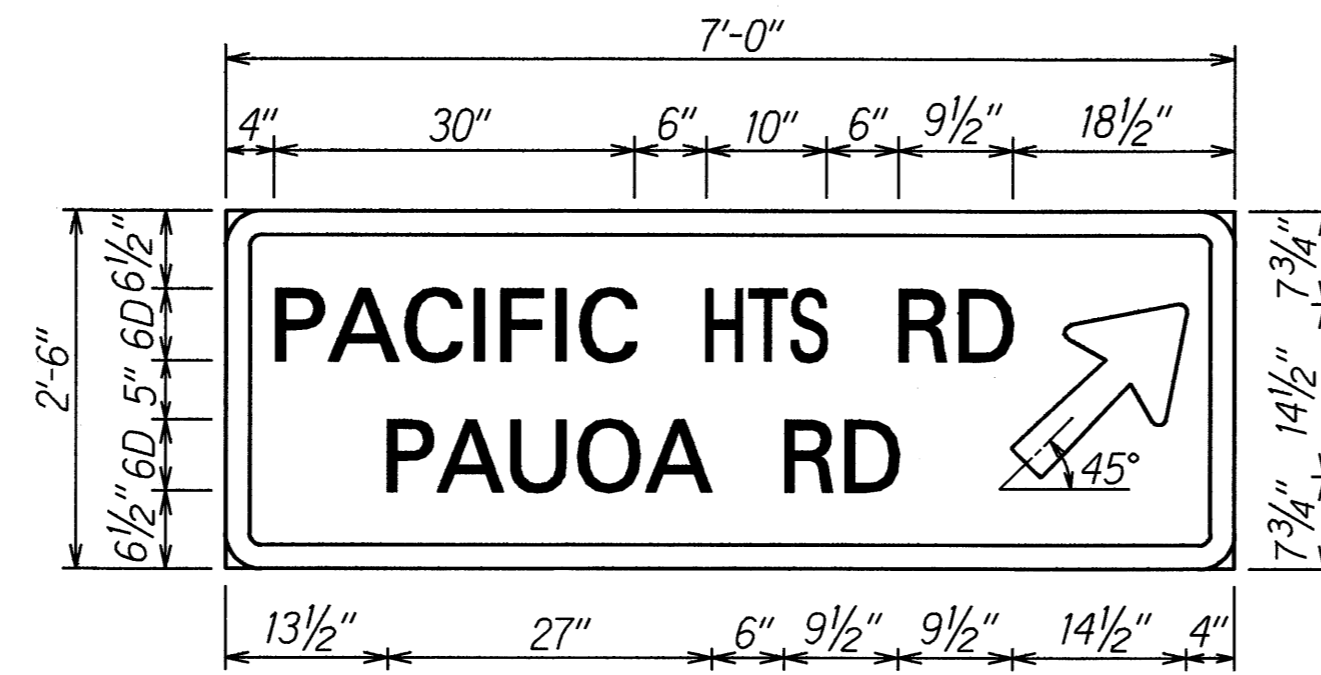
PALI HIGHWAY RESURFACING  
Vineyard Boulevard to Country Club Road  
Fed. Aid Project No. STP-061-1(30)

Scale: 1"=40'-0" Date: February 1993  
SHEET No. 111 OF 15 SHEETS

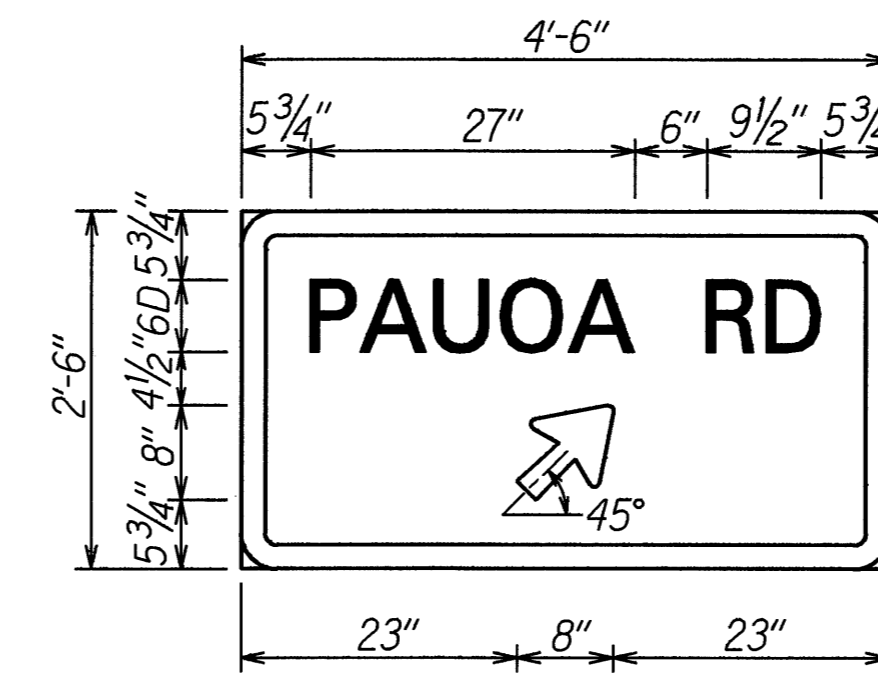
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(30)      | 1993        | 38        | 41           |



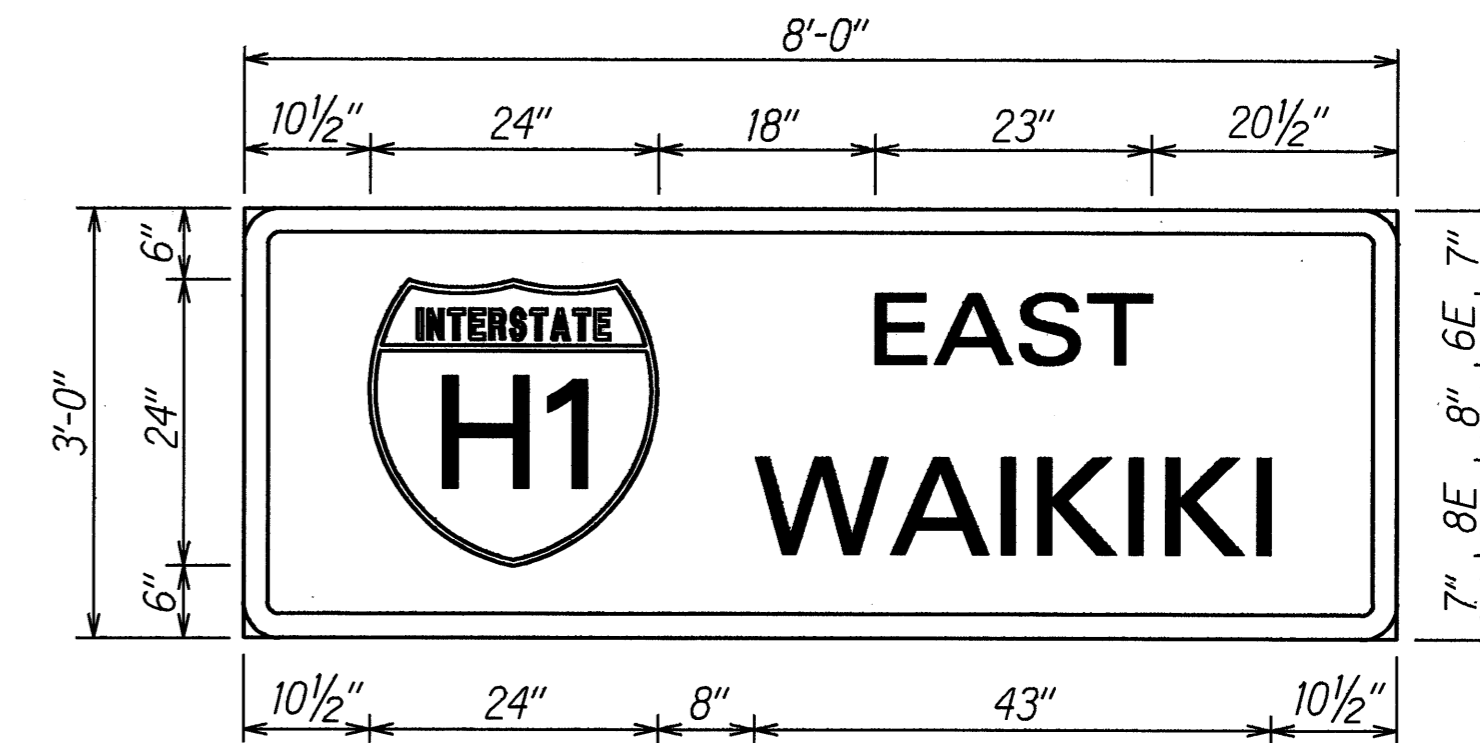
**D-1**  
 # Sta. 31+95± Rt.  
 Scale: 3/4"=1'-0"



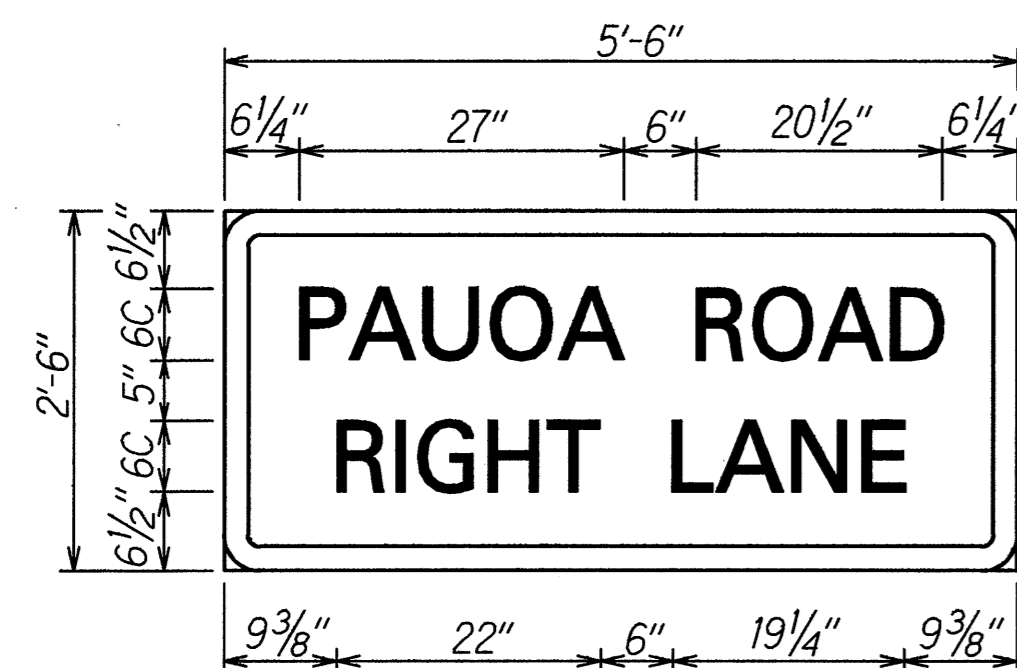
**D-2**  
 # Sta. 38+95± Rt.  
 Scale: 3/4"=1'-0"



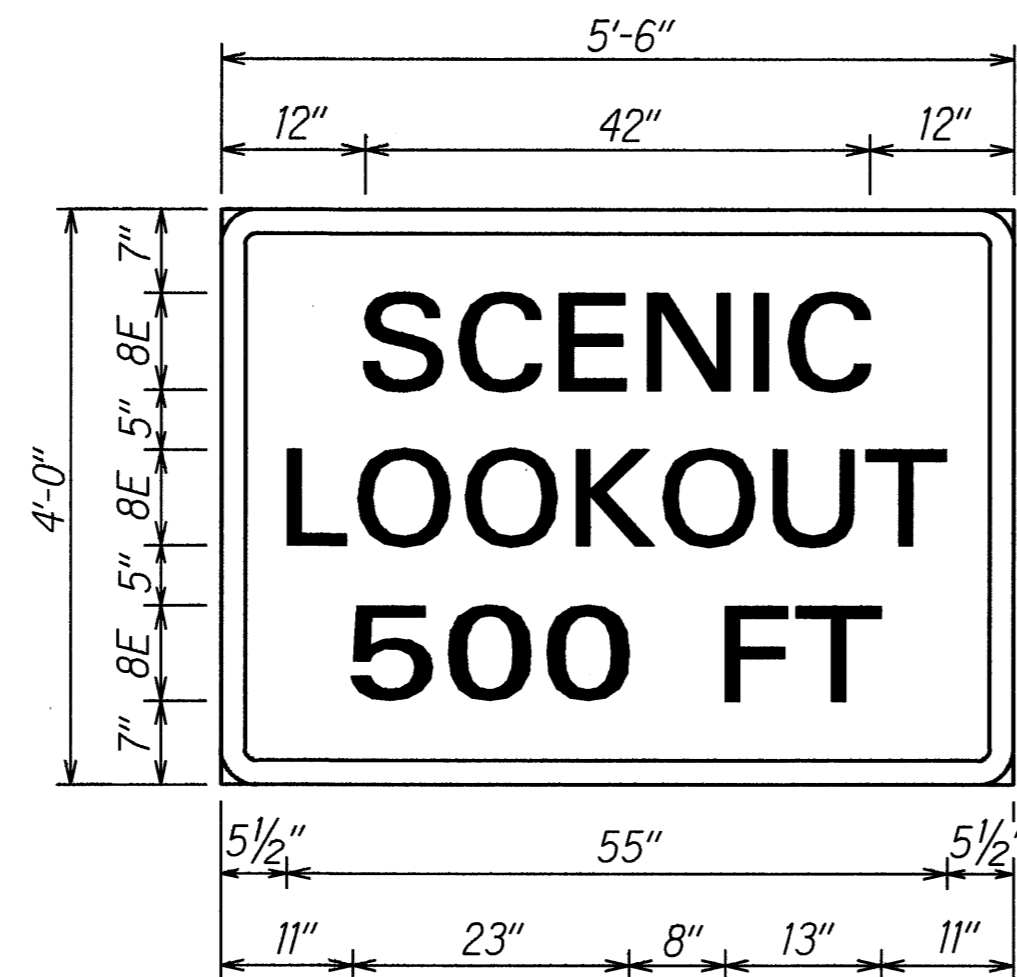
**D-3**  
 # Sta. 43+25± Lt.  
 # Sta. 48+15± Lt.  
 Scale: 3/4"=1'-0"



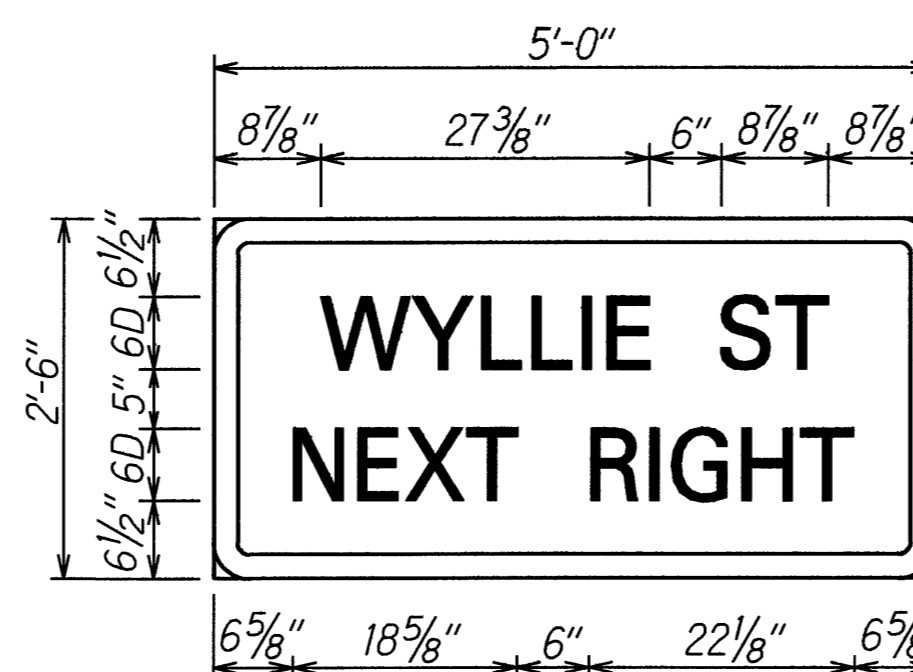
**D-4**  
 # Sta. 63+65± Lt.  
 Scale: 3/4"=1'-0"



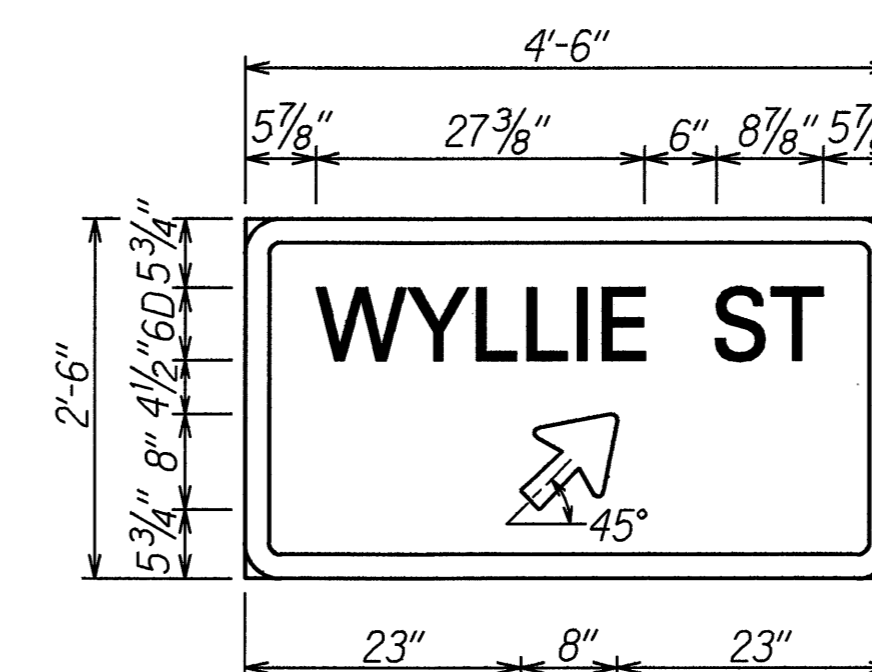
**D-5**  
 # Sta. 52+95± Lt.  
 Scale: 3/4"=1'-0"



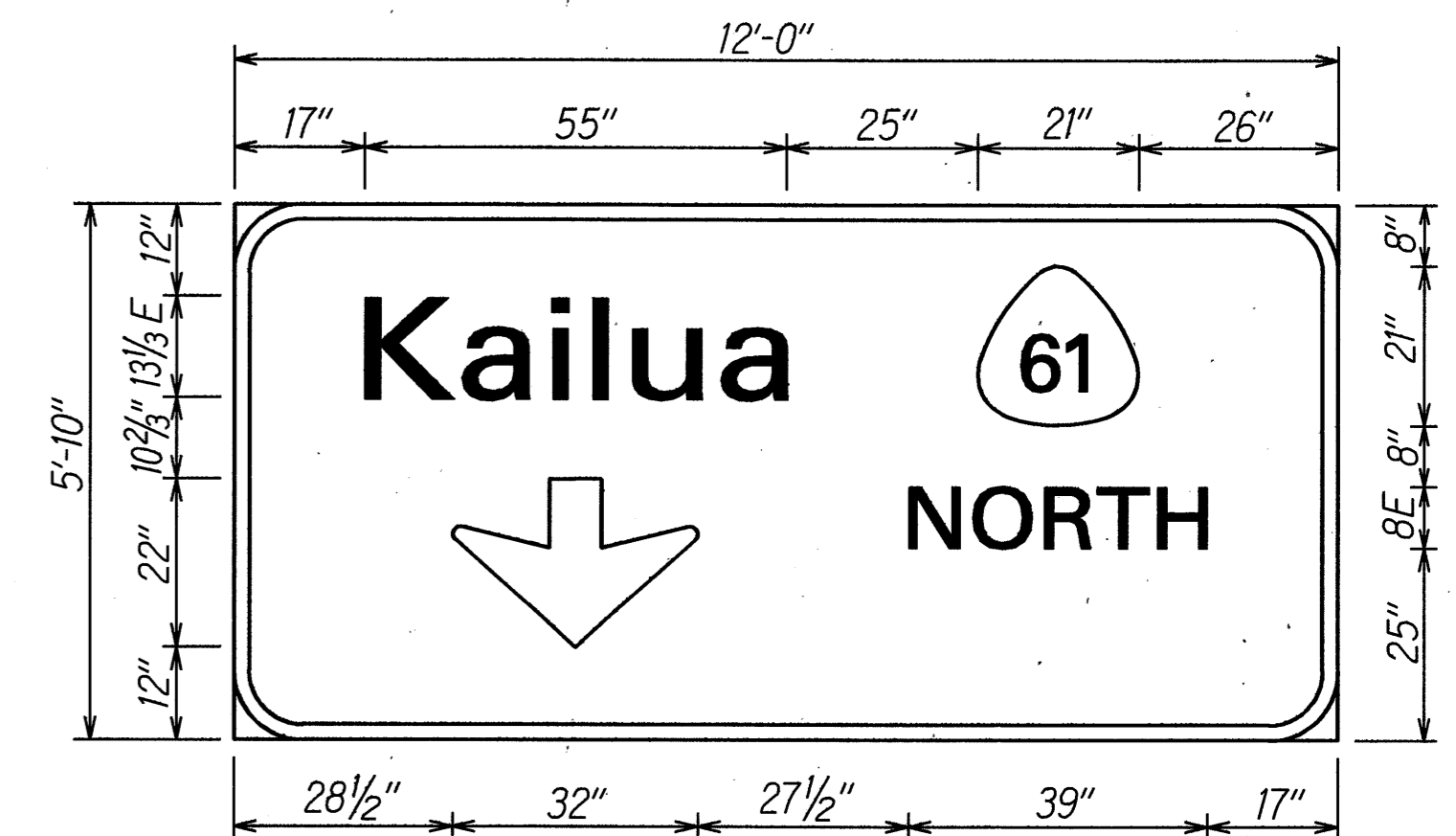
**D-6**  
 # Sta. 70+00± Lt.  
 Scale: 3/4"=1'-0"



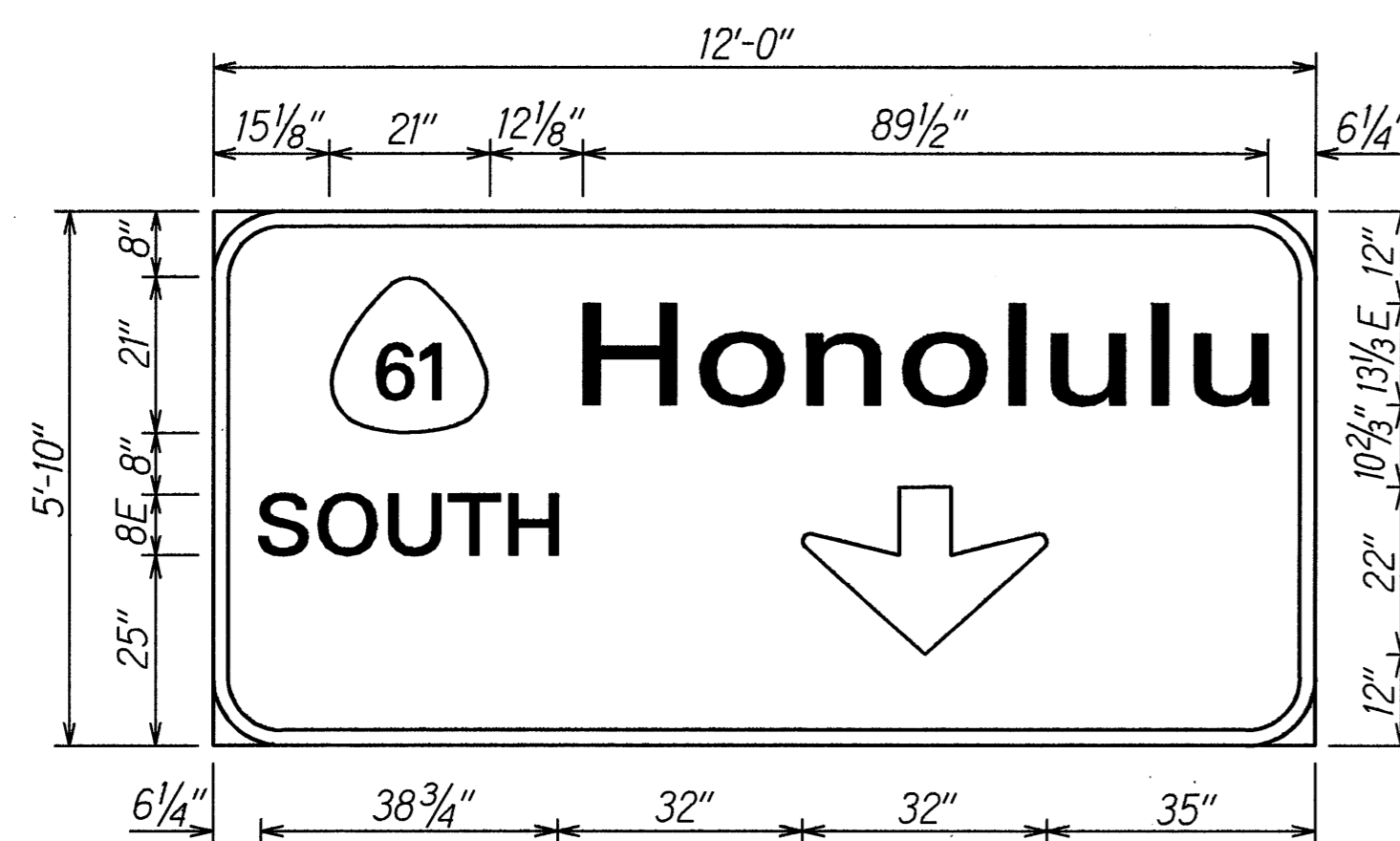
**D-7**  
 # Sta. 72+50± Rt.  
 Scale: 3/4"=1'-0"



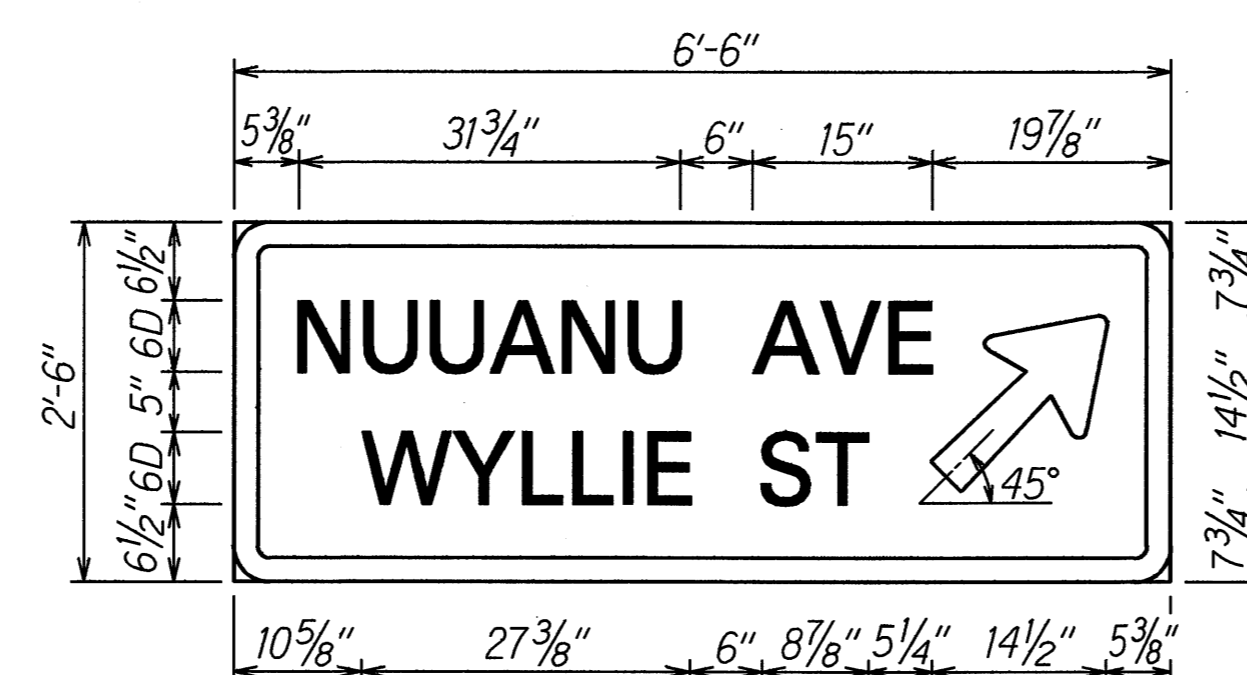
**D-8**  
 # Sta. 77+10± Rt.  
 Scale: 3/4"=1'-0"



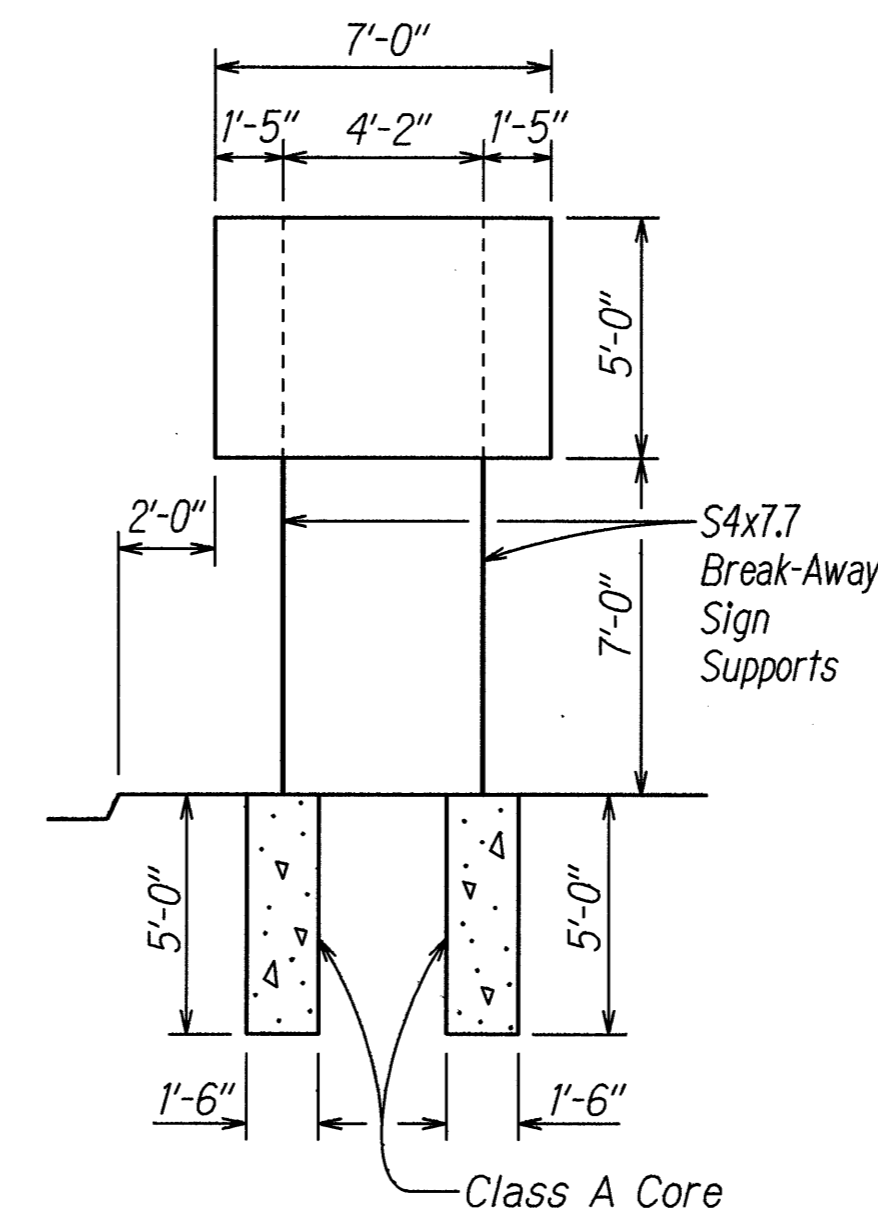
**D-9**  
 Ramp "0" Sta. 15+40± Rt.  
 Scale: 1/2"=1'-0"



**D-10**  
 Ramp "0" Sta. 15+40± Rt.  
 Scale: 1/2"=1'-0"



**D-11**  
 # Sta. 83+05± Lt.  
 Scale: 3/4"=1'-0"



**BREAK AWAY SIGN SUPPORT FOR SIGN D-1**  
 Scale: 1/4"=1'-0"

|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| TRACED BY     |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| ORIGINAL PLAN |      |
| NOTE BOOK     |      |

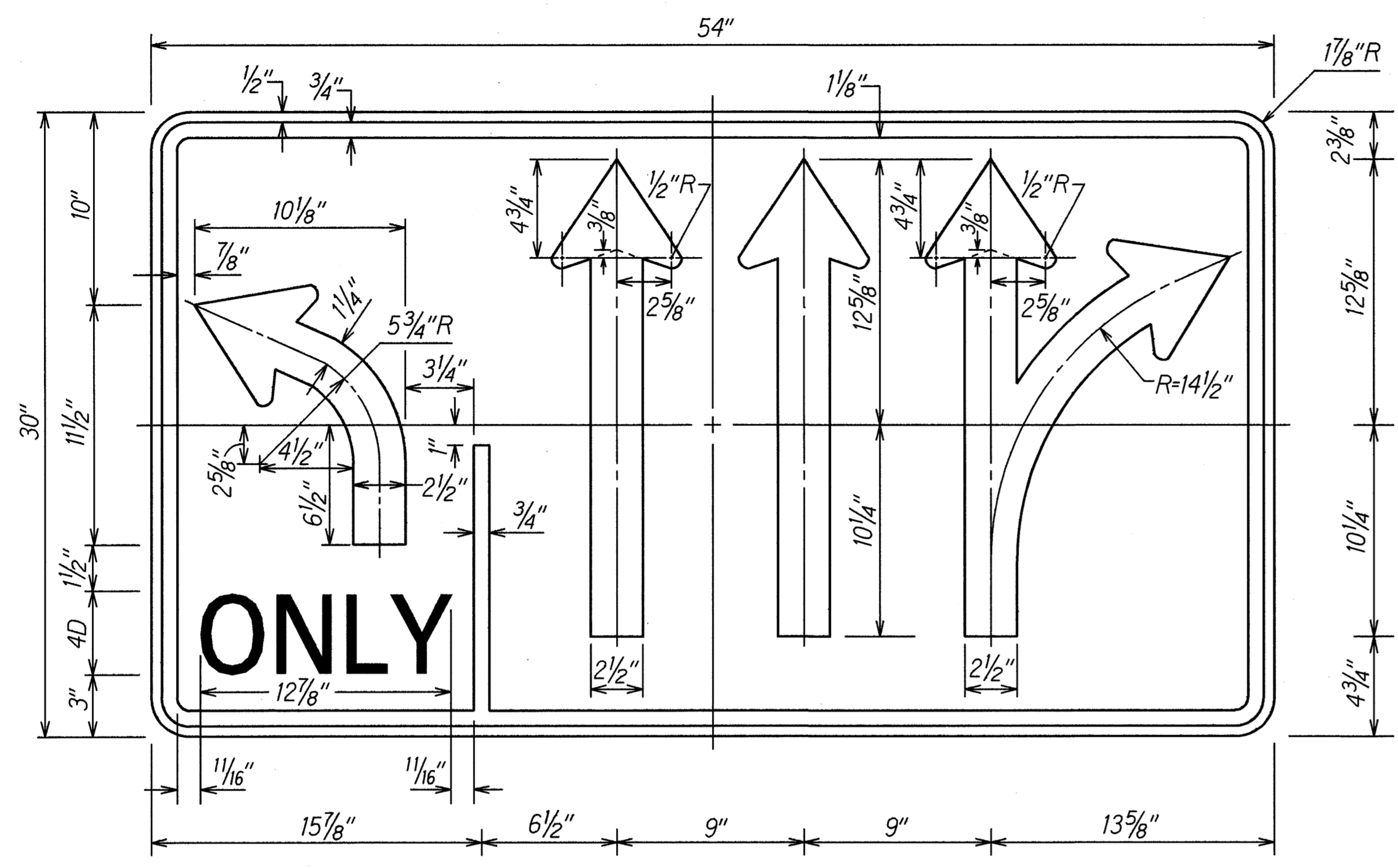
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**DESTINATION SIGN DETAILS**

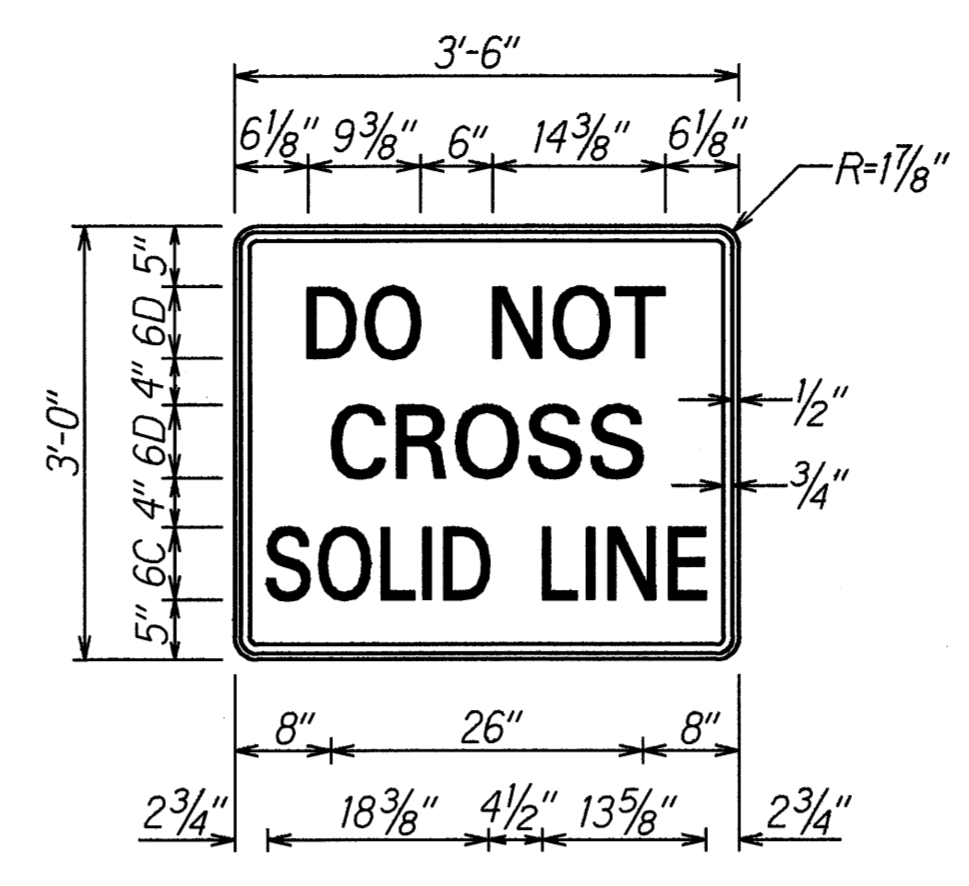
PALI HIGHWAY RESURFACING  
 Vineyard Boulevard to Country Club Road  
 Fed. Aid Project No. STP-061-1(30)

Scale: As Shown Date: February 1993  
 SHEET No. T12 OF 15 SHEETS

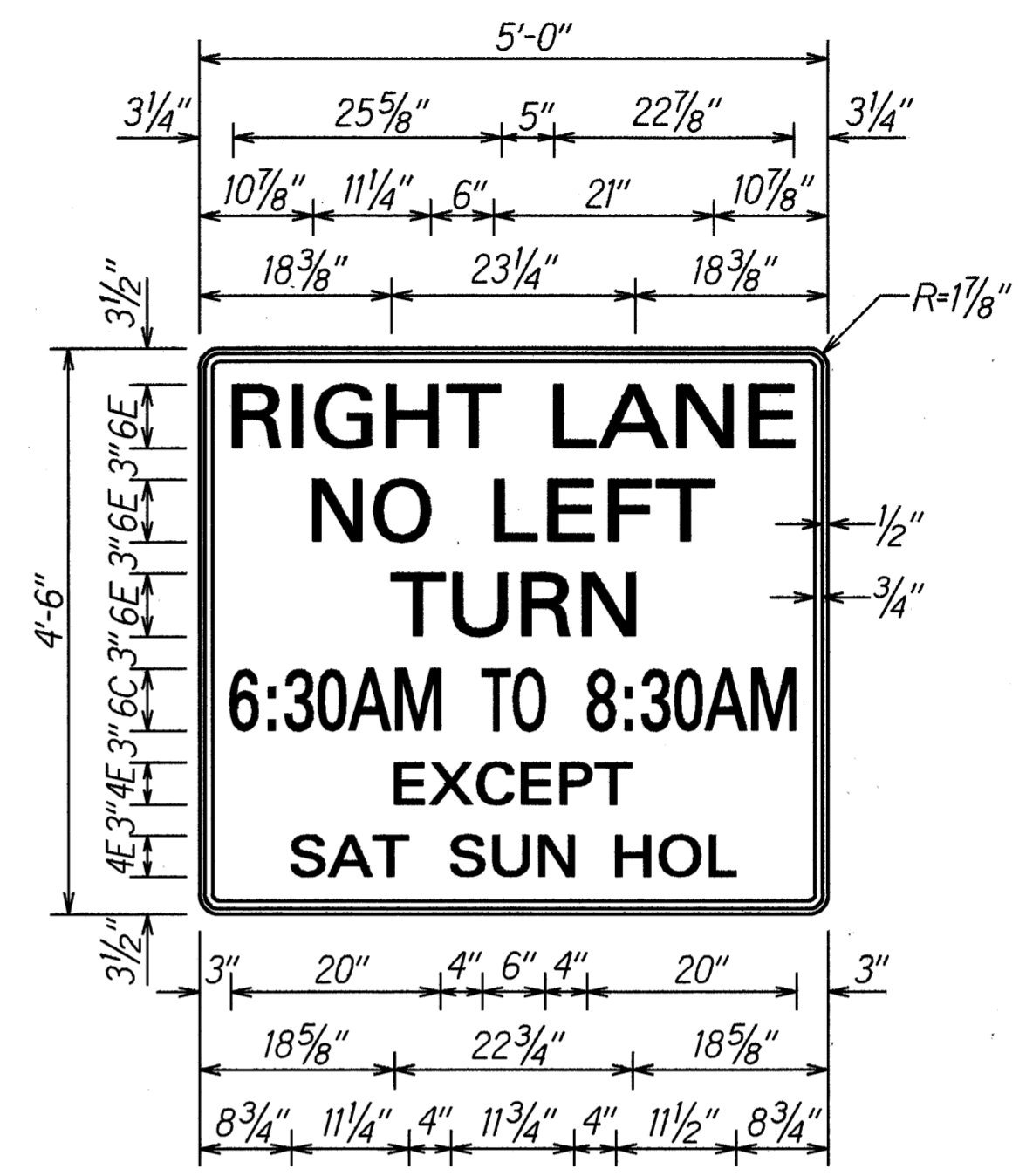
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(60)      | 1992        | C.O. 39   | 41           |



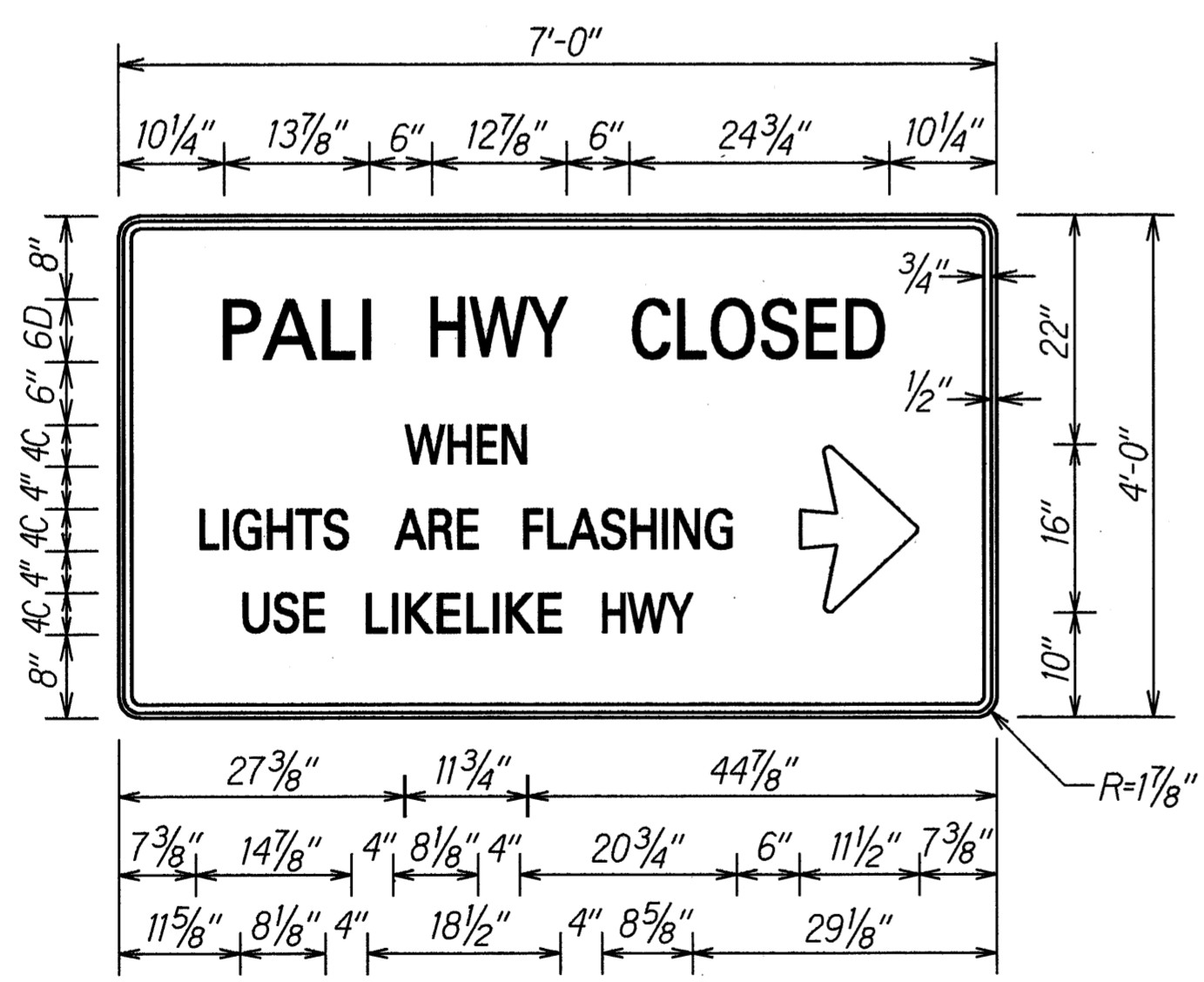
**R3-9(L)**  
Not to Scale



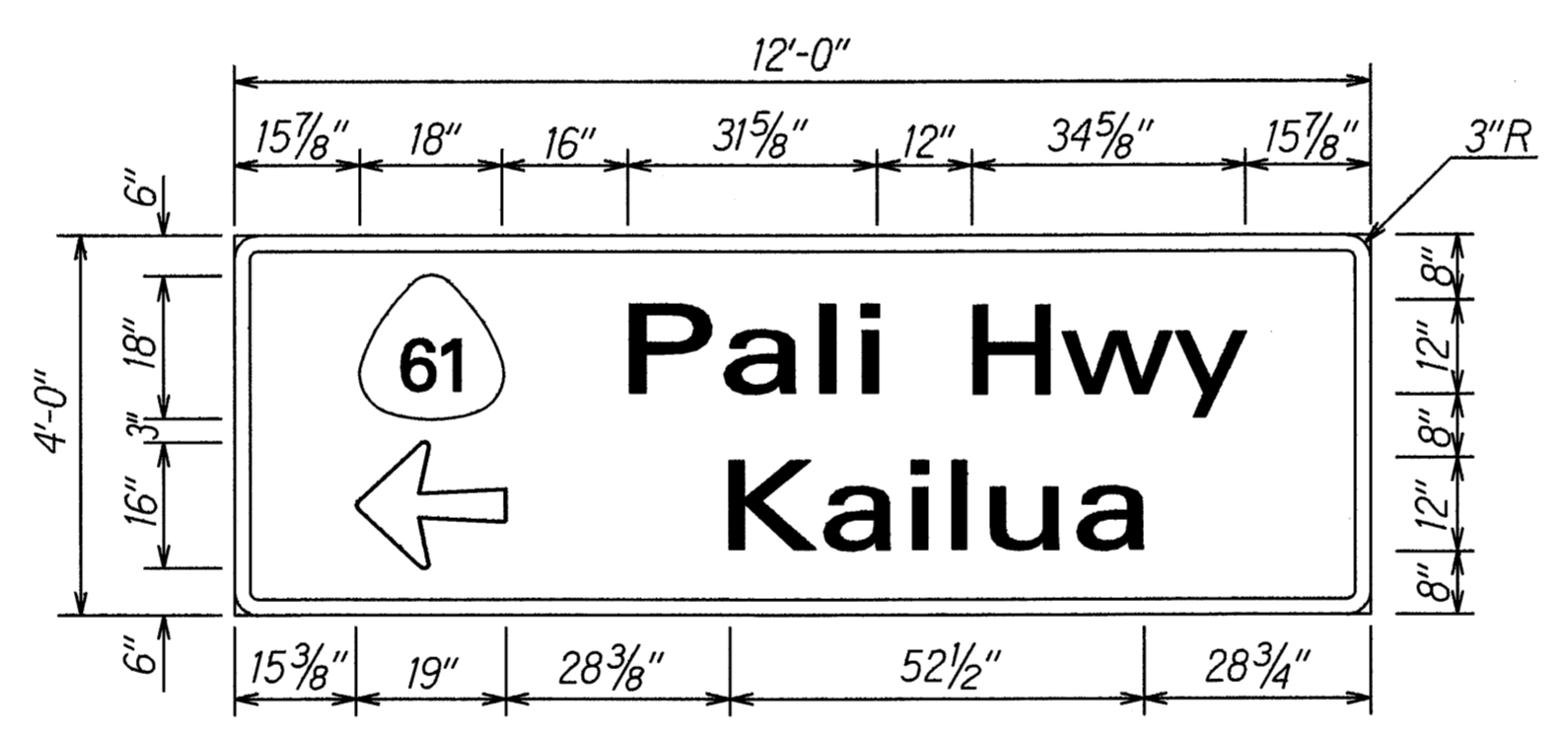
**R20-1**  
Scale: 3/4"=1'-0"



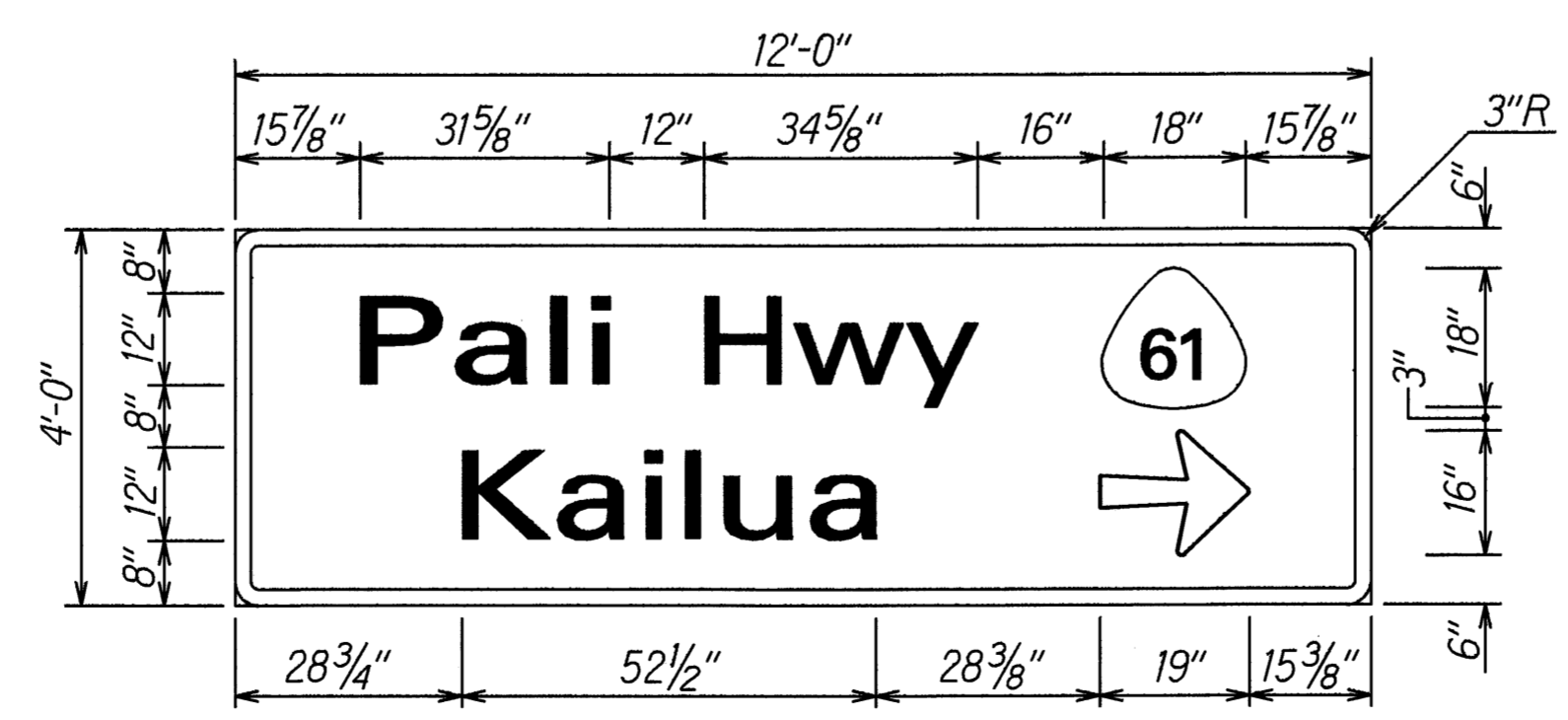
**R10-15a**  
Scale: 3/4"=1'-0"



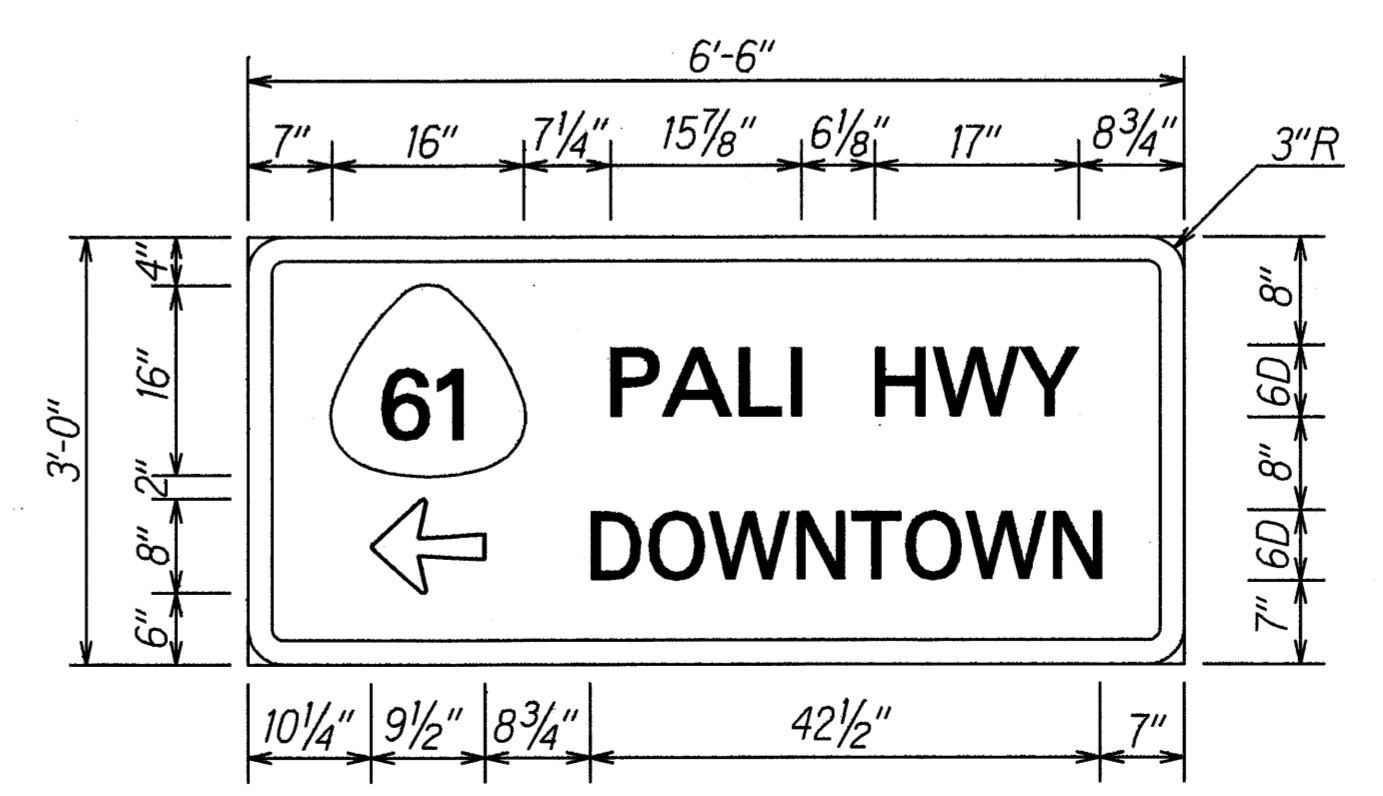
**W30-1**  
Scale: 3/4"=1'-0"



**E-1**  
Scale: 1/2"=1'-0"



**E-2**  
Scale: 1/2"=1'-0"



**D-12**  
400 LBS/FT - 2 POST INSTALLATION  
Scale: 3/4"=1'-0"

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| DESIGNED BY       | _____ |
| CHECKED BY        | _____ |
| NOTE BOOK         | _____ |
| NO.               | _____ |

| 2/1/94                                                                                                    | Added Expressway and Destination Signs. |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|
| DATE                                                                                                      | REVISION                                |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION                                      |                                         |
| <b>MISCELLANEOUS SIGN<br/>DETAILS</b>                                                                     |                                         |
| PALI HIGHWAY RESURFACING<br>Vineyard Boulevard to Country Club Road<br>Fed. Aid Project No. STP-061-1(30) |                                         |
| Scale : As Shown                                                                                          | Date: February 1993                     |
| SHEET No. T13 OF 15 SHEETS                                                                                |                                         |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-I(30)      | 1993        | 40        | 41           |

### CONSTRUCTION SIGN SUMMARY

| SIGN NO. | LOCATION           | MESSAGE                 | W/POSTS | W/O POST |
|----------|--------------------|-------------------------|---------|----------|
| CW20-1d  | ⊕ Sta. 6+75± Rt.   | ROAD CONSTRUCTION AHEAD | 1       |          |
| CG20-2   | ⊕ Sta. 6+75± Lt.   | END CONSTRUCTION        | 1       |          |
| CW20-1d  | ⊕ Sta. 126+80± Lt. | ROAD CONSTRUCTION AHEAD | 1       |          |
| CG20-2   | ⊕ Sta. 126+80± Rt. | END CONSTRUCTION        | 1       |          |
| TOTAL    |                    |                         | 4       |          |

### MILEPOST MARKER SUMMARY

| LOCATION          | MESSAGE | QUANTITY |
|-------------------|---------|----------|
| ⊕ Sta. 12+08± Lt. | MILE 0  | 1        |
| ⊕ Sta. 65+35± Rt. | MILE 1  | 1        |
| TOTAL             |         | 2        |

### ROUTE MARKER SUMMARY

| SIGN ASSEMBLY | LOCATION          | SIGN NO. AND MESSAGE                       | TYPE A ASSEMBLY |          |
|---------------|-------------------|--------------------------------------------|-----------------|----------|
|               |                   |                                            | W/POST          | W/O POST |
| IRM-1         | ⊕ Sta. 23+70± Lt. | IM3-4* WEST<br>IM-1(2) H-1<br>IM6-1(R)** → | 1               |          |

\* 30"x15" \*\* 21"x15"

### PAVEMENT MARKING SUMMARY

| DESCRIPTION                                       | QUANTITY    |
|---------------------------------------------------|-------------|
| <b>PAVEMENT MARKERS</b>                           |             |
| TYPE A _____                                      | 3,000 EA.   |
| TYPE C _____                                      | 1,940 EA.   |
| TYPE D _____                                      | 30 EA.      |
| TYPE H _____                                      | 620 EA.     |
| <b>TAPE - TYPE I OR THERMOPLASTIC EXTRUSION</b>   |             |
| 4-INCH PAVEMENT STRIPE (WHITE) _____              | 2,020 L.F.  |
| 8-INCH PAVEMENT STRIPE (WHITE) _____              | 4,810 L.F.  |
| DOUBLE 4-INCH PAVEMENT STRIPE (WHITE) _____       | 310 L.F.    |
| DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____      | 440 L.F.    |
| <b>TAPE - TYPE II OR THERMOPLASTIC EXTRUSION</b>  |             |
| 4-INCH PAVEMENT STRIPE (WHITE) _____              | 27,100 L.F. |
| 4-INCH PAVEMENT STRIPE (YELLOW) _____             | 24,400 L.F. |
| 8-INCH PAVEMENT STRIPE (WHITE) _____              | 4,190 L.F.  |
| 12-INCH PAVEMENT STRIPE (WHITE) _____             | 300 L.F.    |
| <b>TAPE - TYPE III OR THERMOPLASTIC EXTRUSION</b> |             |
| 4-INCH PAVEMENT STRIPE (WHITE) _____              | 2,360 L.F.  |
| 12-INCH PAVEMENT STRIPE (WHITE) _____             | 1,060 L.F.  |
| CROSSWALK MARKINGS _____                          | 110 Lane    |
| PAVEMENT ARROWS _____                             | 76 EA.      |

### DESTINATION SIGN SUMMARY

| SIGN NO. | LOCATION                 | MESSAGE                                        | SIZE          | OVERLAY AREA (SQ. FT.) | NEW PANEL AREA (SQ. FT.) |         |
|----------|--------------------------|------------------------------------------------|---------------|------------------------|--------------------------|---------|
|          |                          |                                                |               |                        | W/O POST                 | W/POSTS |
| D-1      | ⊕ Sta. 31+95± Rt.        | NATIONAL MEMORIAL, CEMETARY OF, THE PACIFIC, ⇨ | 7'-0"x5'-0"   |                        |                          | 35.00   |
| D-2      | ⊕ Sta. 38+95± Rt.        | PACIFIC HTS RD, PAUOA RD, ↗                    | 7'-0"x2'-6"   |                        |                          | 17.50   |
| D-3      | ⊕ Sta. 43+25± Lt.        | PAUOA RD, ↘                                    | 4'-6"x2'-6"   |                        |                          | 11.25   |
| D-3      | ⊕ Sta. 48+15± Lt.        | PAUOA RD, ↘                                    | 4'-6"x2'-6"   |                        |                          | 11.25   |
| D-4      | ⊕ Sta. 63+65± Lt.        | Ⓜ EAST, WAIKIKI                                | 8'-0"x3'-0"   |                        |                          | 24.00   |
| D-5      | ⊕ Sta. 52+95± Lt.        | PAUOA ROAD, RIGHT LANE                         | 5'-6"x2'-6"   |                        |                          | 13.75   |
| D-6      | ⊕ Sta. 70+00± Lt.        | SCENIC, LOOKOUT, 500 FT                        | 5'-6"x4'-0"   |                        |                          | 22.00   |
| D-7      | ⊕ Sta. 72+50± Rt.        | WYLLIE ST, NEXT RIGHT                          | 5'-0"x2'-6"   |                        |                          | 12.50   |
| D-8      | ⊕ Sta. 77+10± Rt.        | WYLLIE ST, ↘                                   | 4'-6"x2'-6"   |                        |                          | 11.25   |
| D-9      | RAMP "O" Sta. 15+40± Rt. | Kailua, ↘, Ⓜ, NORTH                            | 12'-0"x5'-10" | 70.00                  |                          |         |
| D-10     | RAMP "O" Sta. 15+40± Rt. | Ⓜ, SOUTH, Honolulu, ↘                          | 12'-0"x5'-10" | 70.00                  |                          |         |
| D-11     | ⊕ Sta. 83+05± Lt.        | NUUANU AVE, WYLLIE ST, ↘                       | 6'-6"x2'-6"   |                        |                          | 16.25   |
| TOTAL    |                          |                                                |               | 140.00                 |                          | 174.75  |

SURVEY PLOTTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 TRACED BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 ORIGINAL PLAN \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 No. \_\_\_\_\_

6/7/93 Revised Quantities in Pavement Marking Summary

DATE REVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**MISCELLANEOUS TRAFFIC SUMMARIES**  
 PALI HIGHWAY RESURFACING  
 Vineyard Boulevard to Country Club Road  
 Fed. Aid Project No. STP-061-I(30)

Date: February 1993

SHEET No. 14 OF 15 SHEETS

**ADD. 40**

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | STP-061-1(30)      | 1992        | 41        | 41           |

TRAFFIC SIGN SUMMARY

| SIGN NO.    | MESSAGE                                                               | QUANTITY           |          |                         |          |
|-------------|-----------------------------------------------------------------------|--------------------|----------|-------------------------|----------|
|             |                                                                       | 10 SQ. FT. OR LESS |          | GREATER THAN 10 SQ. FT. |          |
|             |                                                                       | W/POST             | W/O POST | W/POSTS                 | W/O POST |
| R1-1        | STOP                                                                  | 7                  |          |                         |          |
| R1-2        | YIELD                                                                 | 3                  |          |                         |          |
| R2-1(25)-B  | 1 SPEED LIMIT 25                                                      |                    |          | 5                       | 1        |
| R2-1(35)    | SPEED LIMIT 35                                                        | 1                  | 1        |                         |          |
| R2-1(35)-B  | 1 SPEED LIMIT 35                                                      |                    |          | 5                       | 5        |
| R2-5b(25)-B | 1 REDUCED SPEED 25                                                    |                    |          | 3                       |          |
| R3-1-B      | 2                                                                     |                    | 2        |                         |          |
| R3-2-A      | 3                                                                     |                    |          | 2                       | 6        |
| R3-2-B      | 2                                                                     |                    | 1        |                         |          |
| R3-4-B      | 2                                                                     |                    | 2        |                         |          |
| R3-9(L)     | 9  ONLY ↑↑↑                                                           |                    |          | 2                       |          |
| R4-7        |                                                                       | 3                  |          |                         |          |
| R4-7-B      | 2                                                                     |                    | 1        |                         |          |
| R5-1-B      | 2 DO NOT ENTER                                                        | 1                  |          |                         |          |
| R5-9        | 4 WRONG WAY                                                           | 1                  | 1        |                         |          |
| R6-1(R)     | ONE WAY                                                               | 6                  | 5        |                         |          |
| R7-1        | NO PARKING ANY TIME ⇔                                                 | 2                  |          |                         |          |
| R7-4-A      | 5 NO STOPPING OR STANDING                                             | 1                  | 5        |                         |          |
| R7-107a     | TheBus                                                                | 1                  | 1        |                         |          |
| R7-201a     |                                                                       |                    | 2        |                         |          |
| R7-201a-A   | 6                                                                     |                    | 25       |                         |          |
| R8-3a       | 7                                                                     | 3                  |          |                         |          |
| R8-3a-B     | 2                                                                     | 9                  | 8        |                         |          |
| R9-3a-B     | 12 NO PEDESTRIAN CROSSING                                             | 6                  |          |                         |          |
| R9-3b(L)-A  | ← USE, CROSSWALK                                                      |                    | 3        |                         |          |
| R9-3b(R)-A  | USE →, CROSSWALK                                                      |                    | 3        |                         |          |
| R10-7       | DO NOT BLOCK INTERSECTION                                             | 1                  |          |                         |          |
| R10-11C(R)  | NO RIGHT TURN ON RED                                                  |                    | 1        |                         |          |
| R10-15A     | 10 RIGHT LANE, NO LEFT, TURN, 6:30 AM TO 8:30 AM, EXCEPT, SAT SUN HOL |                    |          | 1                       |          |
| R15-1       | UNLAWFUL TO LITTER \$500 FINE                                         | 1                  |          |                         |          |
| R16-1       | BUCKLE UP ITS THE LAW                                                 | 1                  |          |                         |          |
| R20-1       | 8 DO NOT CROSS SOLID LINE                                             |                    |          | 1                       | 2        |
| S1-1        |                                                                       |                    | 3        |                         |          |
| S2-1        |                                                                       | 1                  | 1        |                         |          |
| W1-8        |                                                                       | 6                  |          |                         |          |
| W3-3        |                                                                       | 2                  | 1        |                         |          |
| W4-1(R)-B   | 2                                                                     | 2                  | 4        |                         |          |
| W4-2(R)     | 2                                                                     |                    | 1        |                         |          |
| W4-3-A      | 3                                                                     |                    |          | 1                       | 1        |
| W8-5-A      | 2                                                                     | 1                  |          |                         |          |
| W13-2(20)-B | 1 EXIT 20 M.P.H.                                                      |                    |          | 2                       |          |
| W13-3(20)-B | 1 RAMP 20 M.P.H.                                                      |                    |          | 1                       |          |
| W30-1       | 11 PALI HWY CLOSED, WHEN LIGHTS ARE FLASHING, USE LIKELIKE HWY ⇨      |                    |          | 1                       |          |
| TOTAL       |                                                                       | 59                 | 71       | 24                      | 15       |

REFLECTOR MARKER SUMMARY

| TYPE | QUANTITY |       |              |       |                            |       |
|------|----------|-------|--------------|-------|----------------------------|-------|
|      | W/O POST |       | W/STEEL POST |       | W/FLEXIBLE DELINEATOR POST |       |
|      | YELLOW   | WHITE | YELLOW       | WHITE | YELLOW                     | WHITE |
| RM2  |          |       | 97           | 43    |                            | 2     |
| RM3  | 80       |       | 20           |       |                            |       |
| RM4  |          |       | 7            |       |                            |       |
| RM9  | 2        |       | 1            |       |                            |       |

SURVEY PLOTTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 TRACED BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 No. \_\_\_\_\_

1 - (36"x48"), 2 - (36"x36"), 3 - (48"x48"), 4 - (36"x24"), 5 - (24"x30"), 6 - (24"x12"),  
 7 - (24"x24"), 8 - (42"x36"), 9 - (54"x30"), 10 - (60"x54"), 11 - 84"x48", 12 - (30"x30")

|                                                                                                                                                                                                                                                                       |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 6/1/93                                                                                                                                                                                                                                                                | Added Reflector Marker Summary |
| DATE                                                                                                                                                                                                                                                                  | REVISION                       |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION<br><b>TRAFFIC SIGN SUMMARY</b><br>PALI HIGHWAY RESURFACING<br>Vineyard Boulevard to Country Club Road<br>Fed. Aid Project No. STP-061-1(30)<br>Date: February 1993<br>SHEET No. T15 OF 15 SHEETS |                                |

