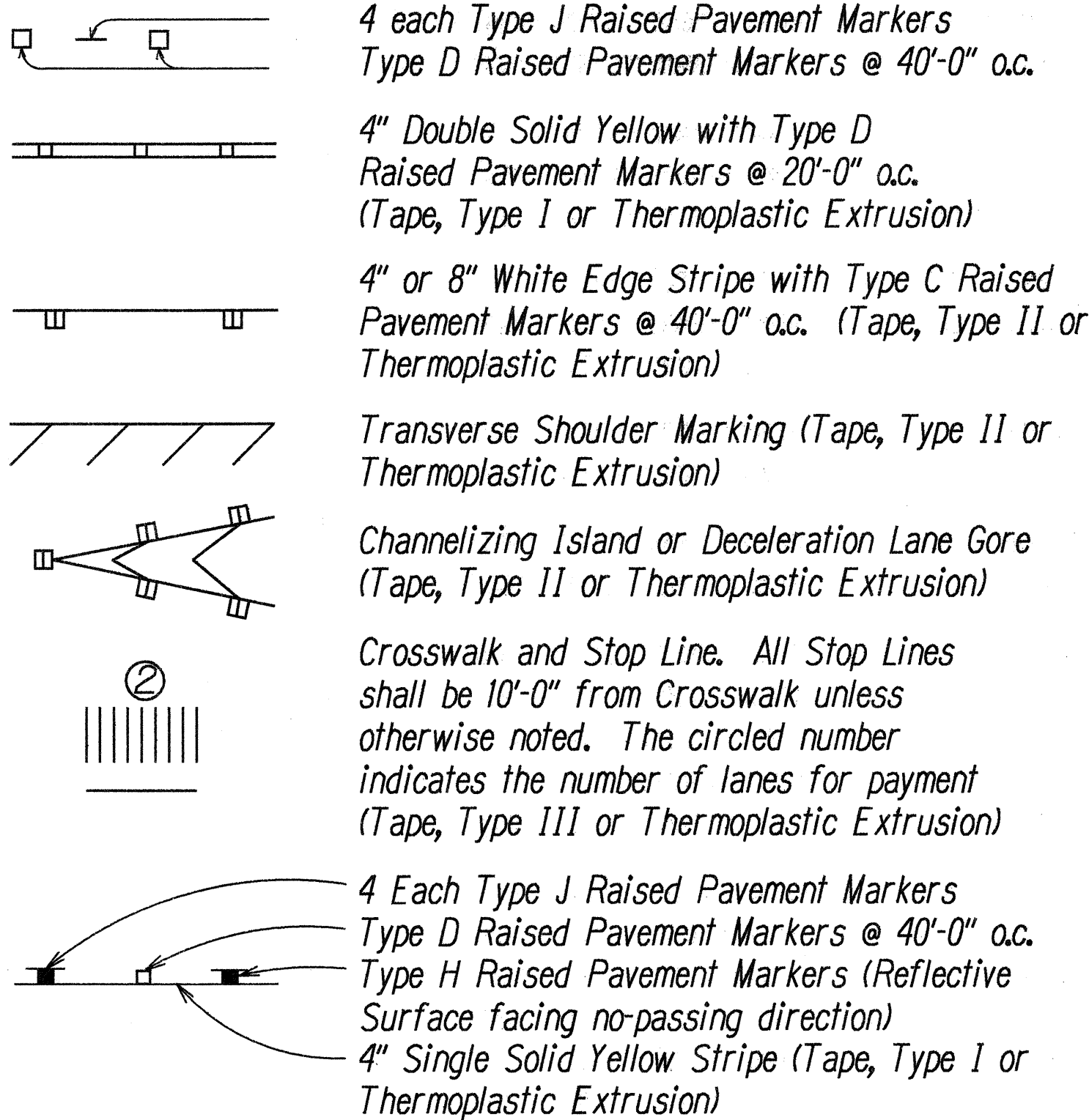
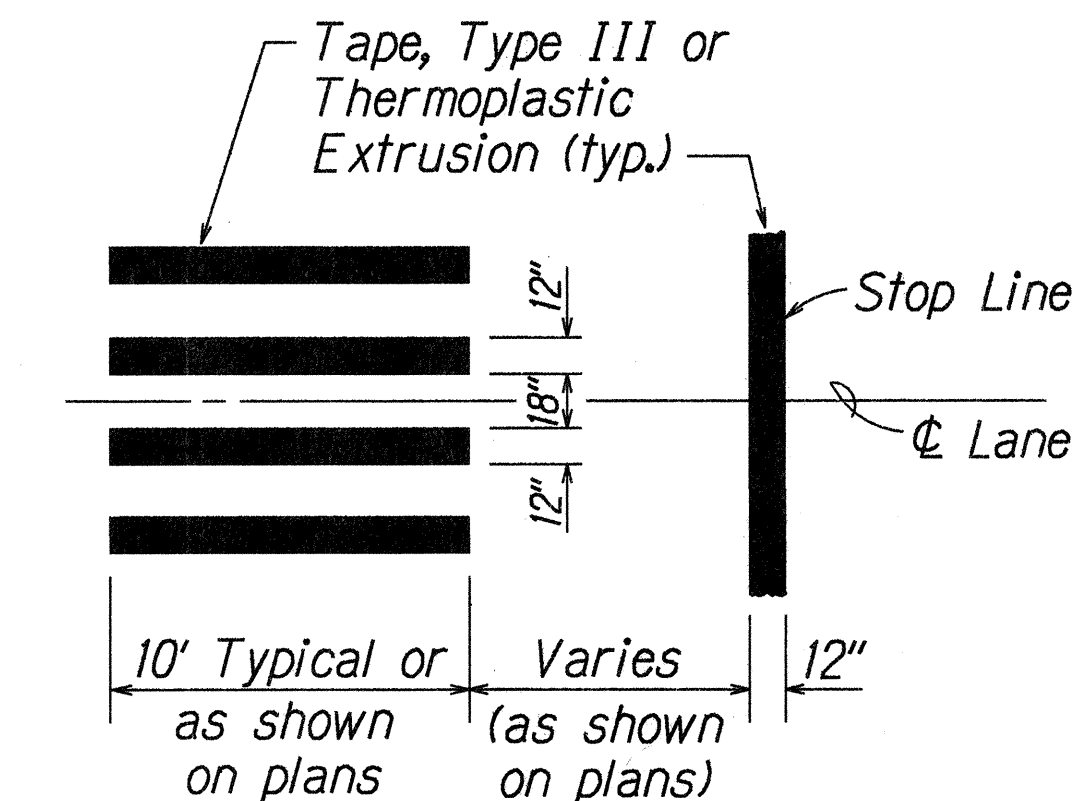
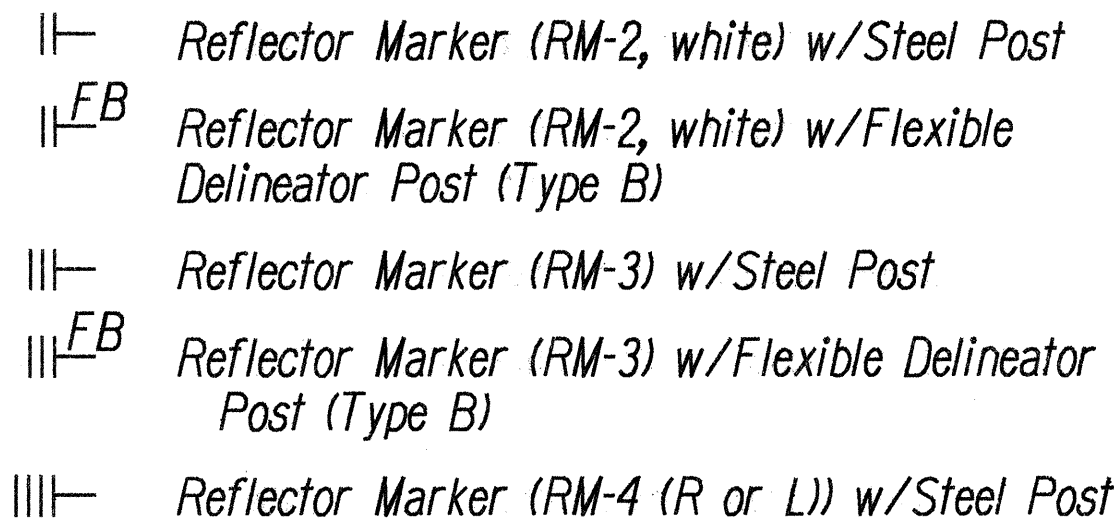


| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 36        | 50           |

### LEGEND



### LEGEND



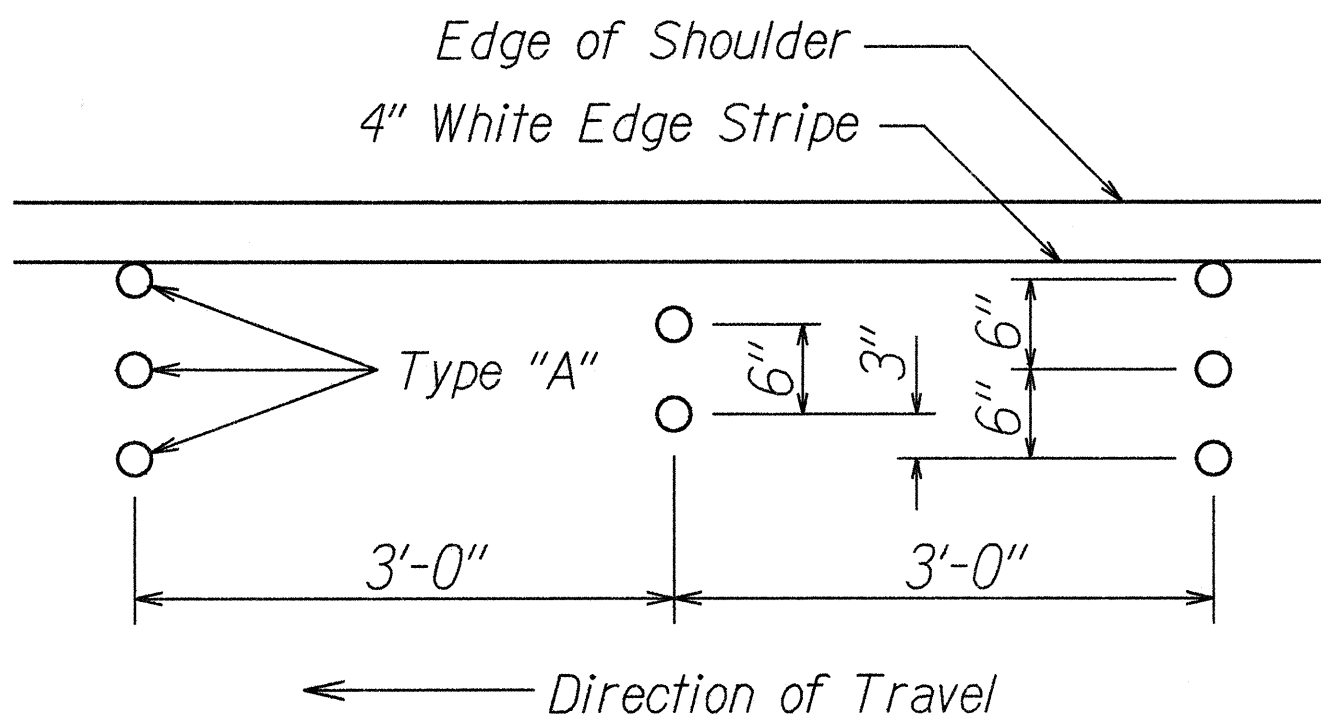
### CROSSWALK STRIPING DETAIL

Not to Scale

### NOTES

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- 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.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- 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.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the Legend or plans.
- 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.
- Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- Backing for all new regulatory and warning signs shall not be spliced.
- All sign panels shall conform to Section 62I of Special Provisions and the latest editions and amendments of the following FHWA publications:
  - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
  - "Standard Highway Signs"
  - "Standard Alphabets for Highway Signs"
- State Route Marker Symbols, borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
- All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band brackets and steel braces.
- Removal of existing delineators and posts, as directed by the Engineer or shown on the plans, shall be considered incidental to the various signing items.
- Removal and reinstalling existing street name signs on regulatory and warning sign post shall not be paid for separately but shall be considered incidental to the various signing items.
- The Contractor shall notify the Oahu Transit Services Inc. (OTS), Ed Sniffen, at 848-4571 or Lowell Tom at 848-4578 two weeks prior to beginning any work, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stop.
- The Contractor shall install new Type II Object Marker (Bi-Directional) on all utility poles and trees that are within the State Highway Right-of-Way as directed by the Engineer.

- The Contractor shall erect and maintain at the beginning and end of the project advance construction warning signs placed as indicated on the plans or as directed by the Engineer for the duration of the highway project. These Signs shall be placed in addition to the required traffic control signs called for in Section 645 - Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Oahu District Baseyard or as directed by the Engineer upon the completion of the project.



### RUMBLE STRIP DETAIL (TYPE "A")

Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TRAFFIC LEGEND,

DETAILS & NOTES

KAMEHAMEHA HIGHWAY RESURFACING

Crouching Lion to Makao Road

Project No. 83D-01-96M

Not To Scale

Date: Apr., 1996

SHEET No. 71

OF 15 SHEETS

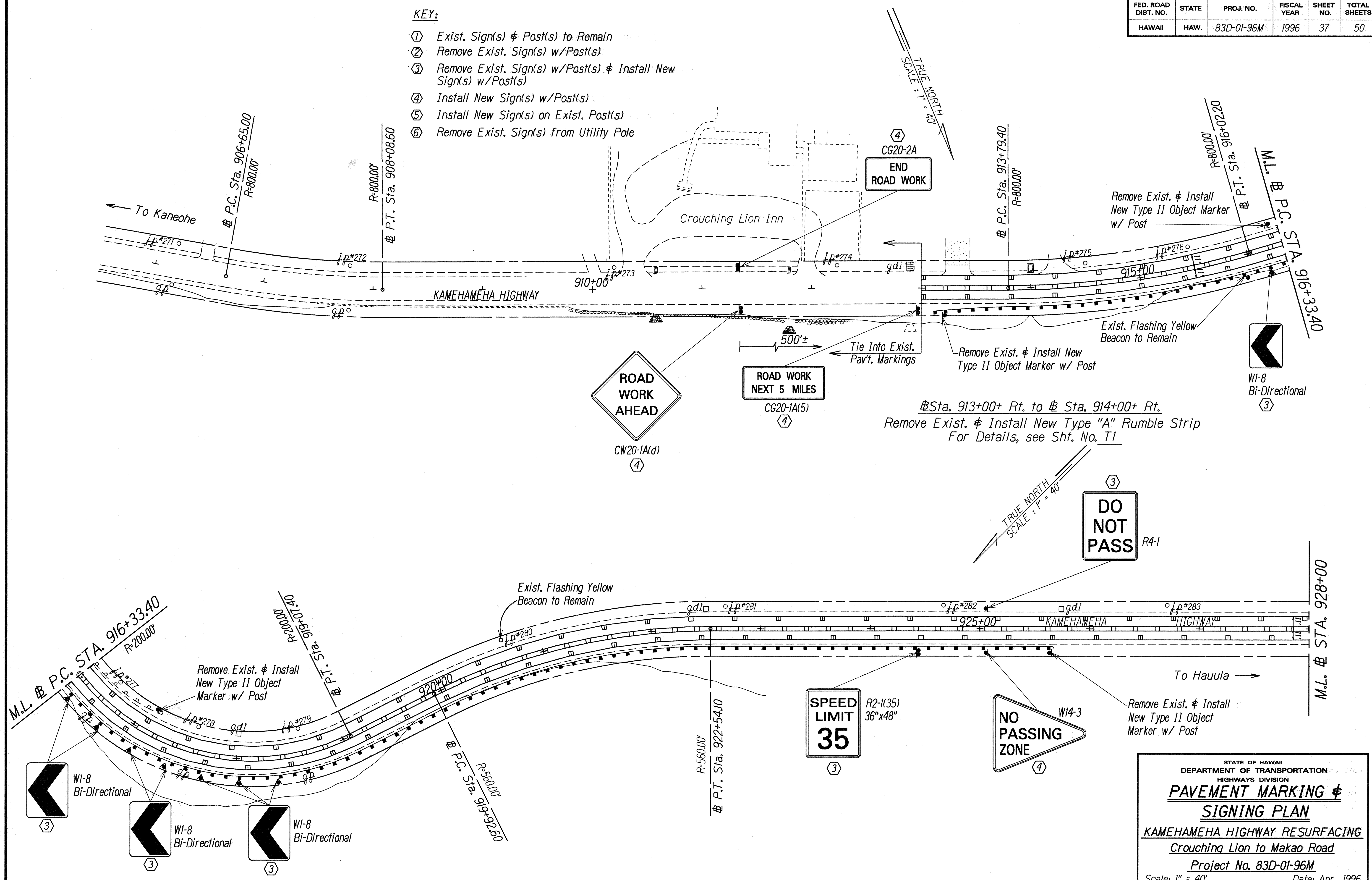
|               |                    |         |
|---------------|--------------------|---------|
| ORIGINAL PLAN | SURVEY PLOTTED BY  | DATE    |
| NOTED BOOK    | DRAWN BY M. Tada   | 4/17/96 |
| 102 REV       | DESIGNED BY C. Abe |         |
| 102 REV       | CHECKED BY         |         |
| 102 REV       | CHECKED BY         |         |



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 37        | 50           |

**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole



|               |                         |         |
|---------------|-------------------------|---------|
| ORIGINAL PLAN | SURVEY PLOTTED BY       | DATE    |
| NOTED BOOK    | DRAWN BY M. Takahashi   | 1/24/96 |
| CHECKED BY    | DESIGNED BY C. Abe      |         |
|               | CHECKED BY N. Nishimura |         |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

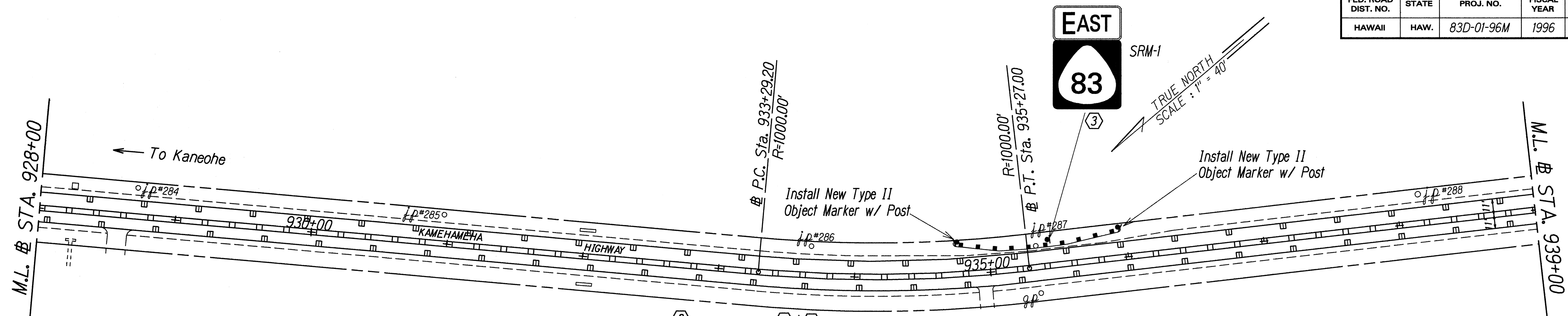
KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road

Project No. 83D-01-96M  
Scale: 1" = 40' Date: Apr., 1996

SHEET No. T2 OF 15 SHEETS

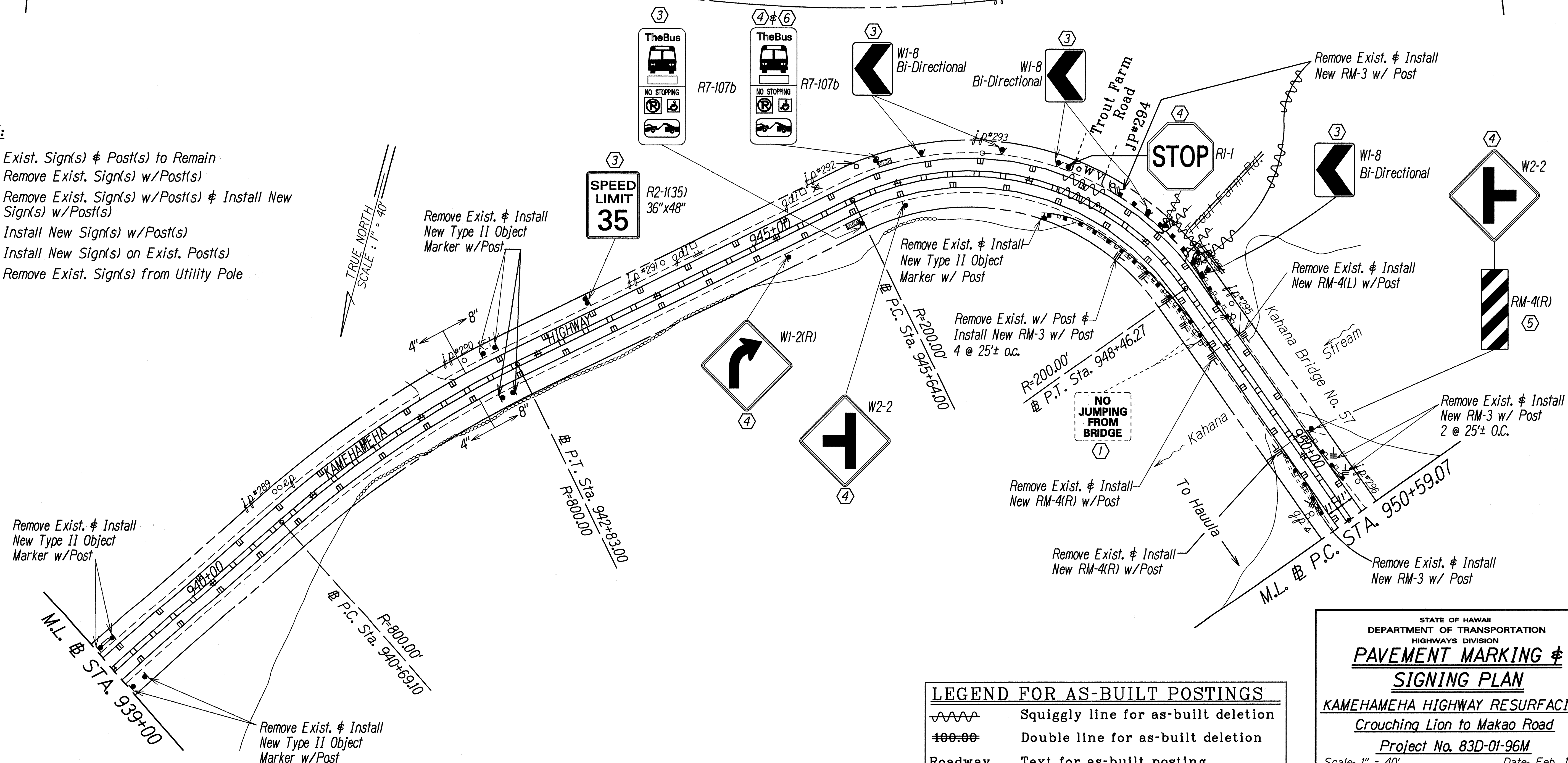


| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 38        | 50           |



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole



**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road

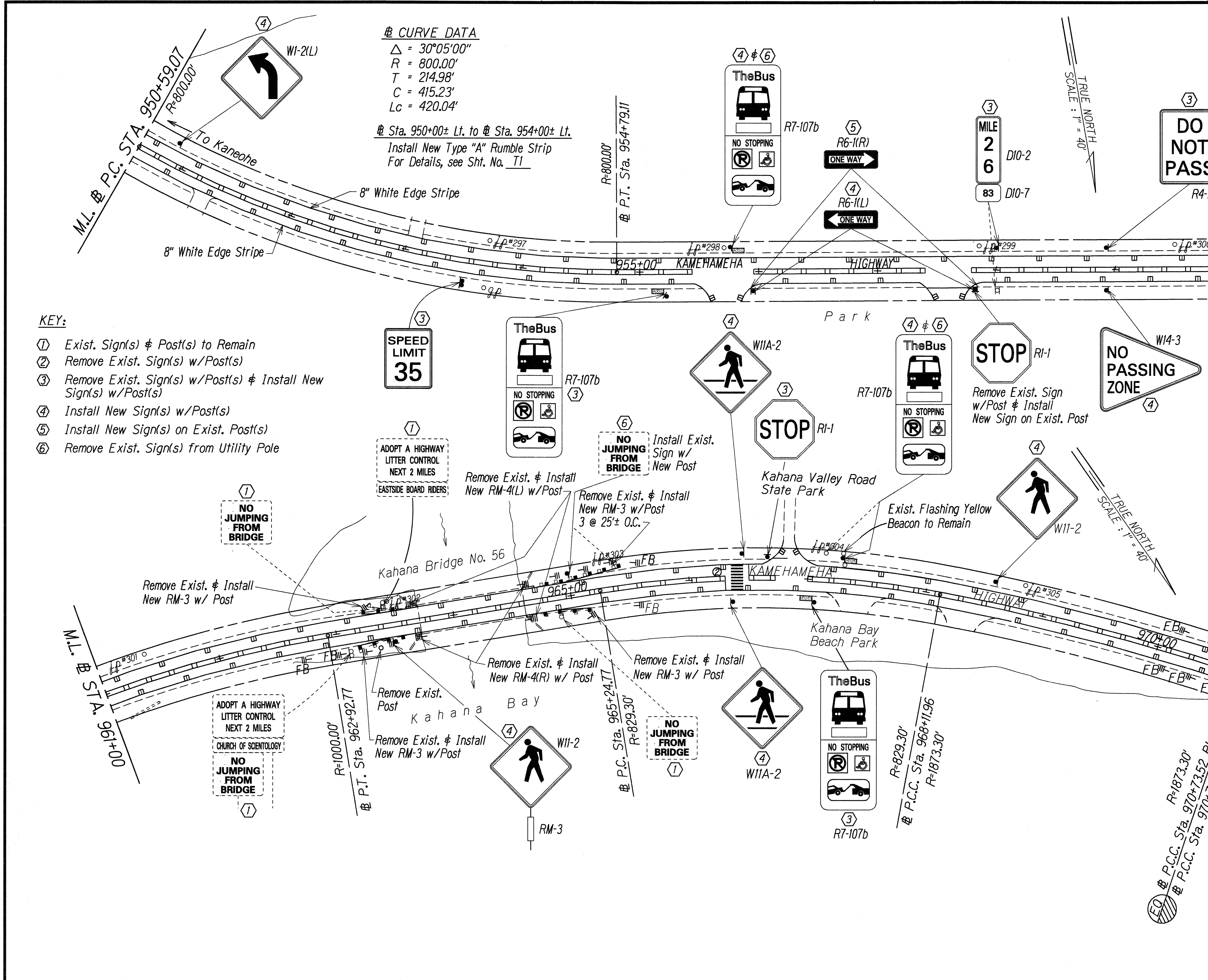
Project No. 83D-01-96M  
Scale: 1" = 40' Date: Feb., 1996

SHEET No. T3 OF 15 SHEETS

|                       |         |
|-----------------------|---------|
| ORIGINAL PLAN         | DATE    |
| SURVEY DICTATED BY    | 1/21/96 |
| DRAWN BY M. Takahashi |         |
| NOTES BOOK            |         |
| DESIGNED BY C. Alb    |         |
| QUANTITIES BY         |         |
| CHECKED BY            |         |

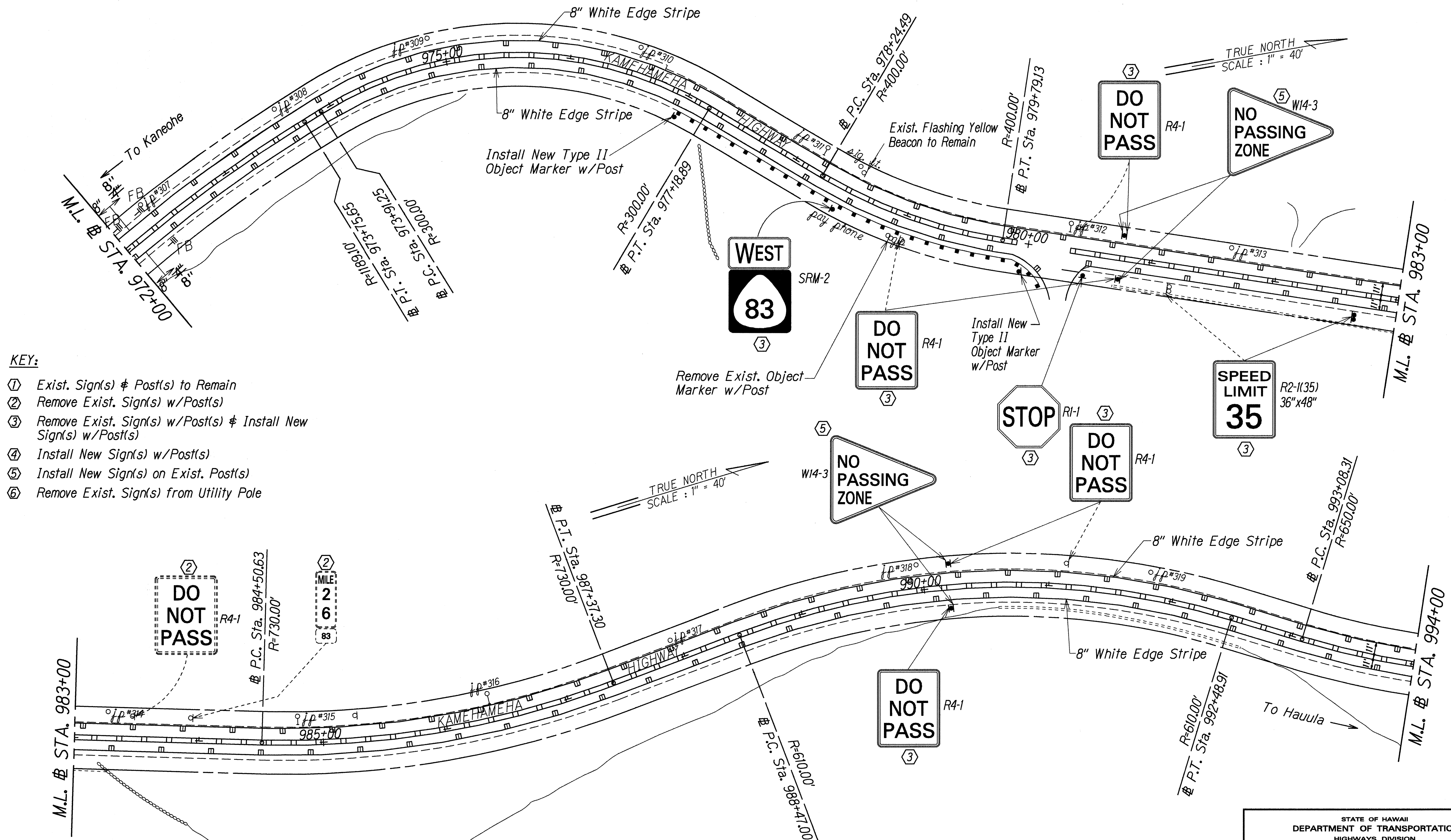


4 CURVE DATA





| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 40        | 50           |



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole

**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

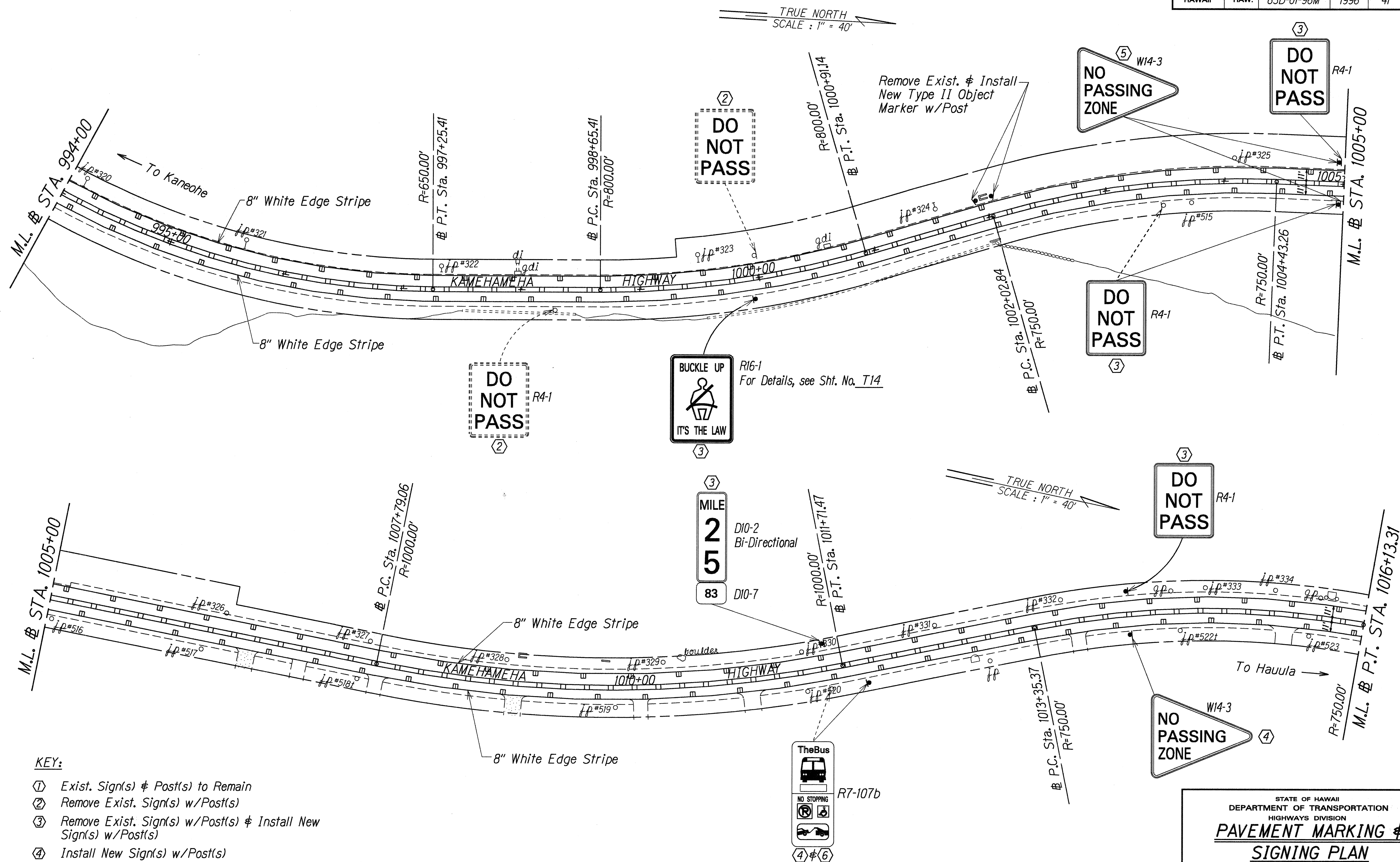
**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road  
Project No. 83D-01-96M  
Scale: 1" = 40' Date: Apr., 1996

SHEET No. 75 OF 15 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 41        | 50           |



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole

|               |      |         |
|---------------|------|---------|
| ORIGINAL PLAN | DATE | 1/23/96 |
| SURVEY BY     |      |         |
| DRAWN BY      |      |         |
| DESIGNED BY   |      |         |
| CHECKED BY    |      |         |
| NOTED BY      |      |         |
| QUANTITIES BY |      |         |
| CHECKED BY    |      |         |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road

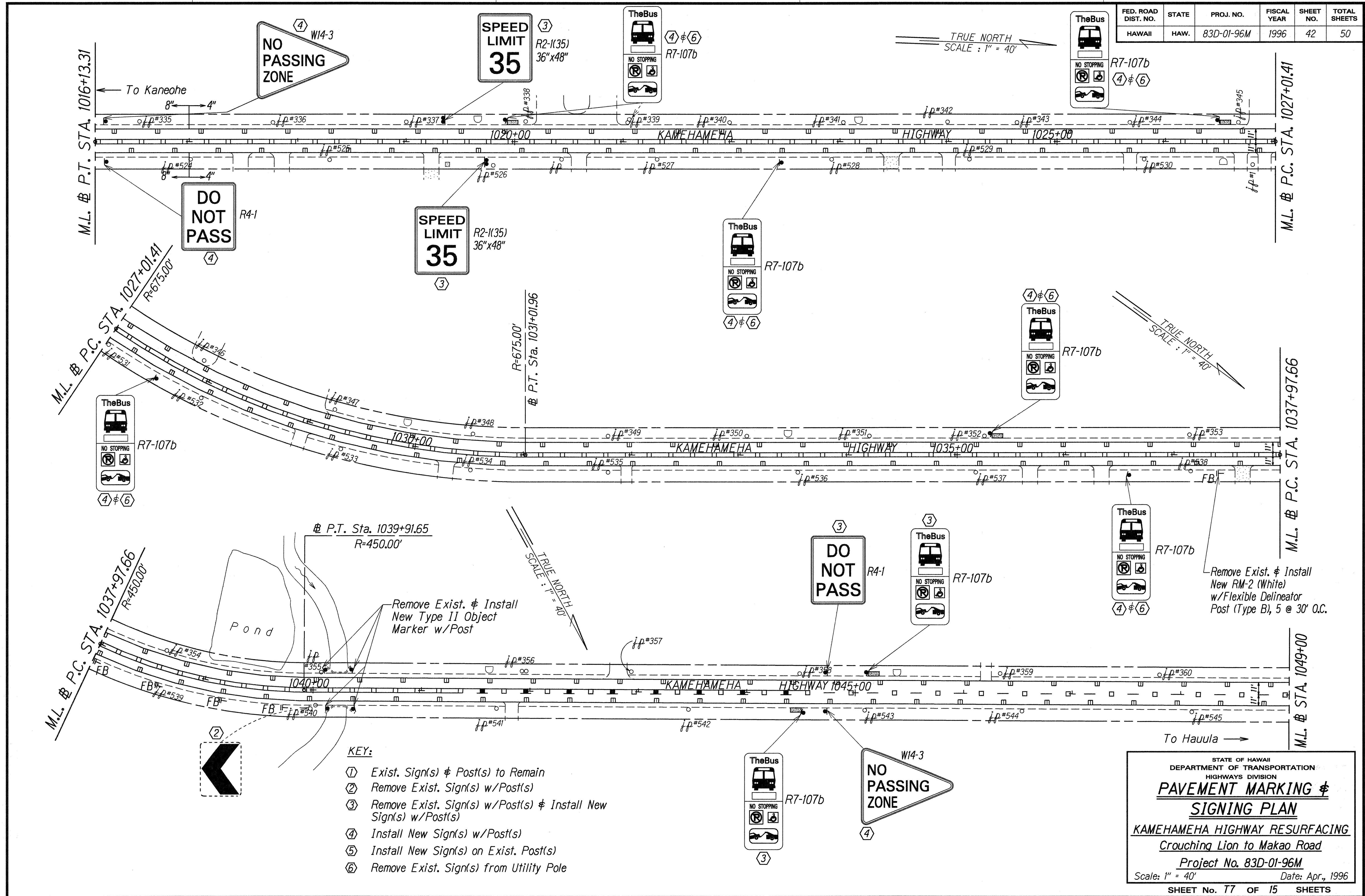
Project No. 83D-01-96M

Scale: 1" = 40' Date: Apr., 1996

SHEET No. T6 OF 15 SHEETS



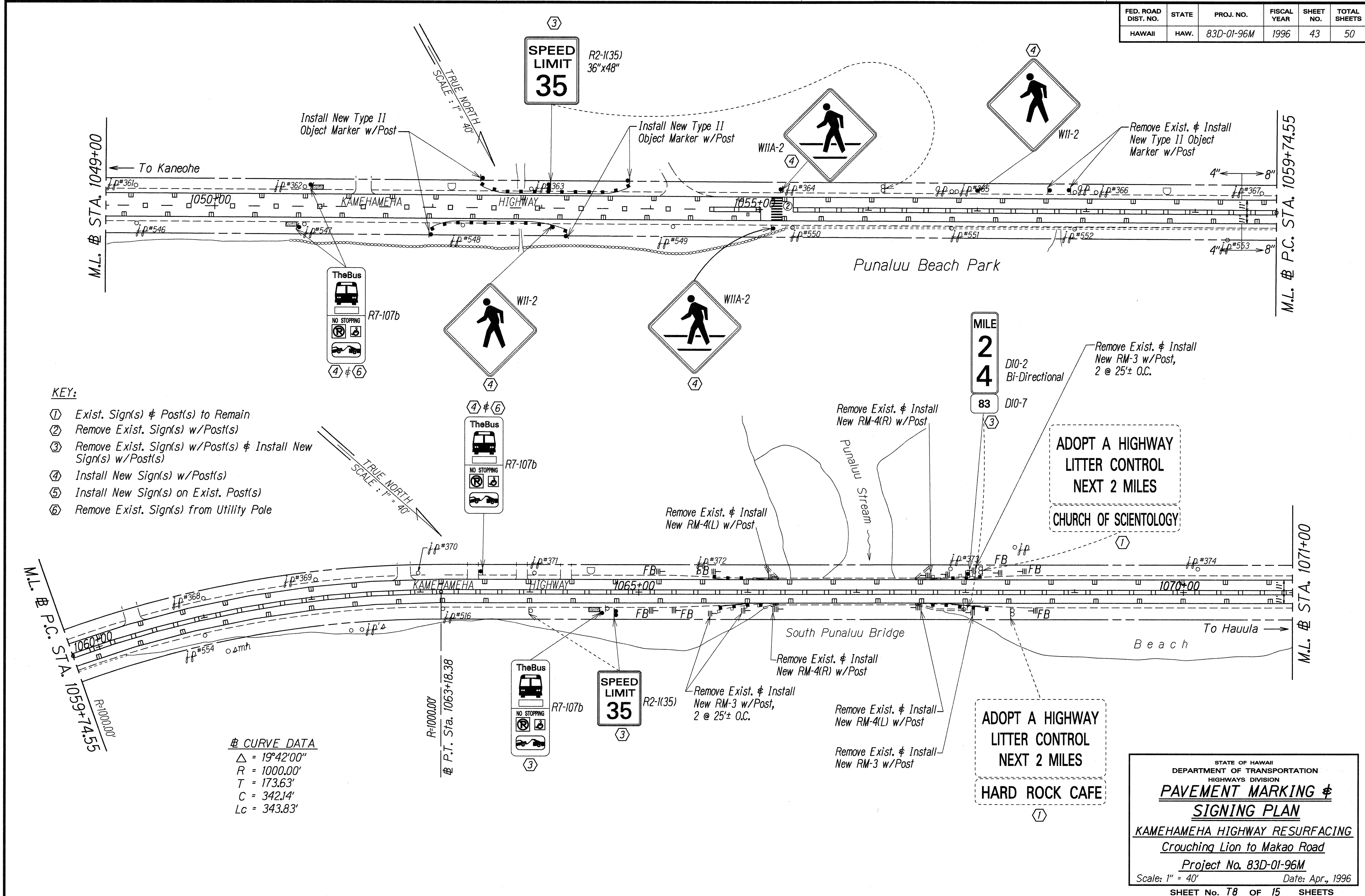
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 42        | 50           |



|               |                       |        |
|---------------|-----------------------|--------|
| ORIGINAL PLAN | SURVEY PLOTTED BY     | DATE   |
| NOTED BOOK    | DRAWN BY M. Takahashi | 2/1/96 |
| 102.00        | DESIGNED BY C. Abe    |        |
|               | CHECKED BY            |        |
|               | CHECKED BY            |        |



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 43        | 50           |



- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) w/Post(s)
  - ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
  - ④ Install New Sign(s) w/Post(s)
  - ⑤ Install New Sign(s) on Exist. Post(s)
  - ⑥ Remove Exist. Sign(s) from Utility Pole

**CURVE DATA**  
 $\Delta = 19^{\circ}42'00''$   
 $R = 1000.00'$   
 $T = 173.63'$   
 $C = 342.14'$   
 $L_c = 343.83'$

|                       |        |
|-----------------------|--------|
| ORIGINAL PLAN         | DATE   |
| SURVEY PLOTTED BY     | 2/1/96 |
| DRAWN BY M. Takaijiri |        |
| NOTED BY C. Abe       |        |
| QUANTITIES BY         |        |
| CHECKED BY            |        |

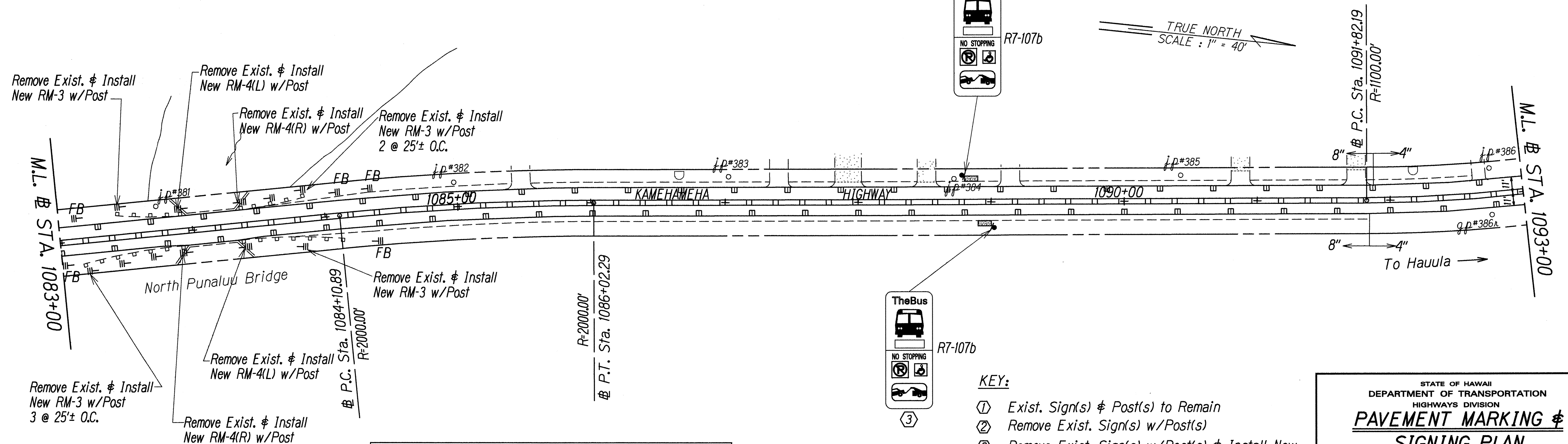
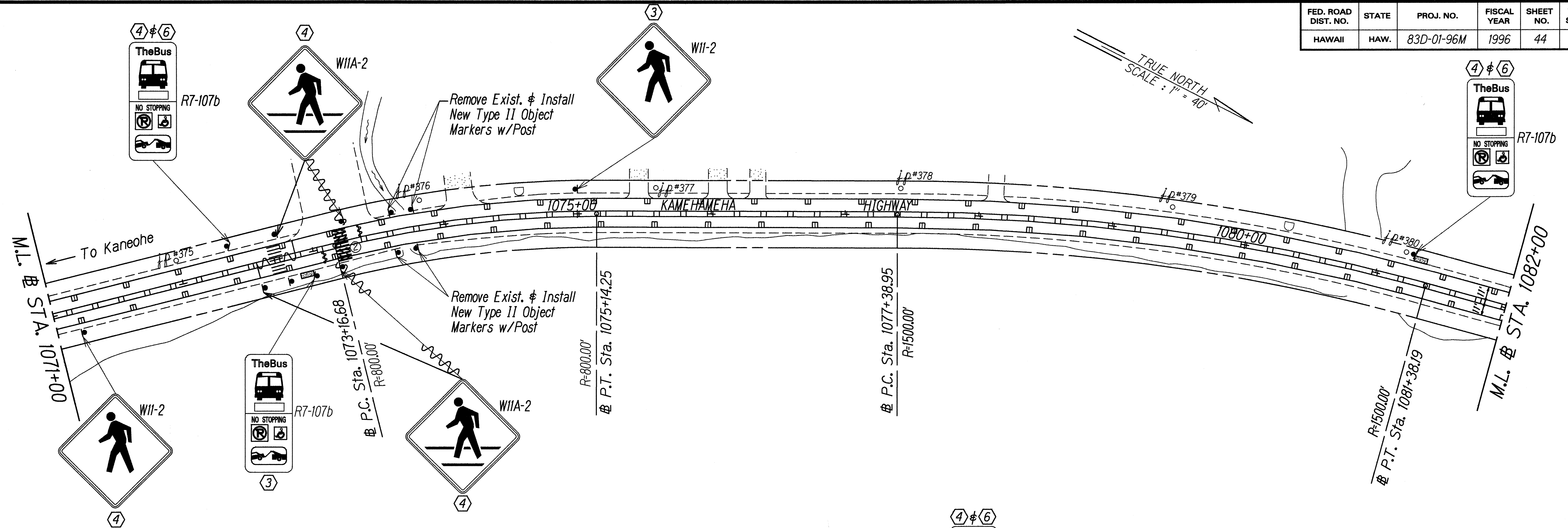
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**  
KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road  
Project No. 83D-01-96M  
Scale: 1" = 40'  
Date: Apr., 1996

SHEET No. 78 OF 15 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 44        | 50           |



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

#### KEY:

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

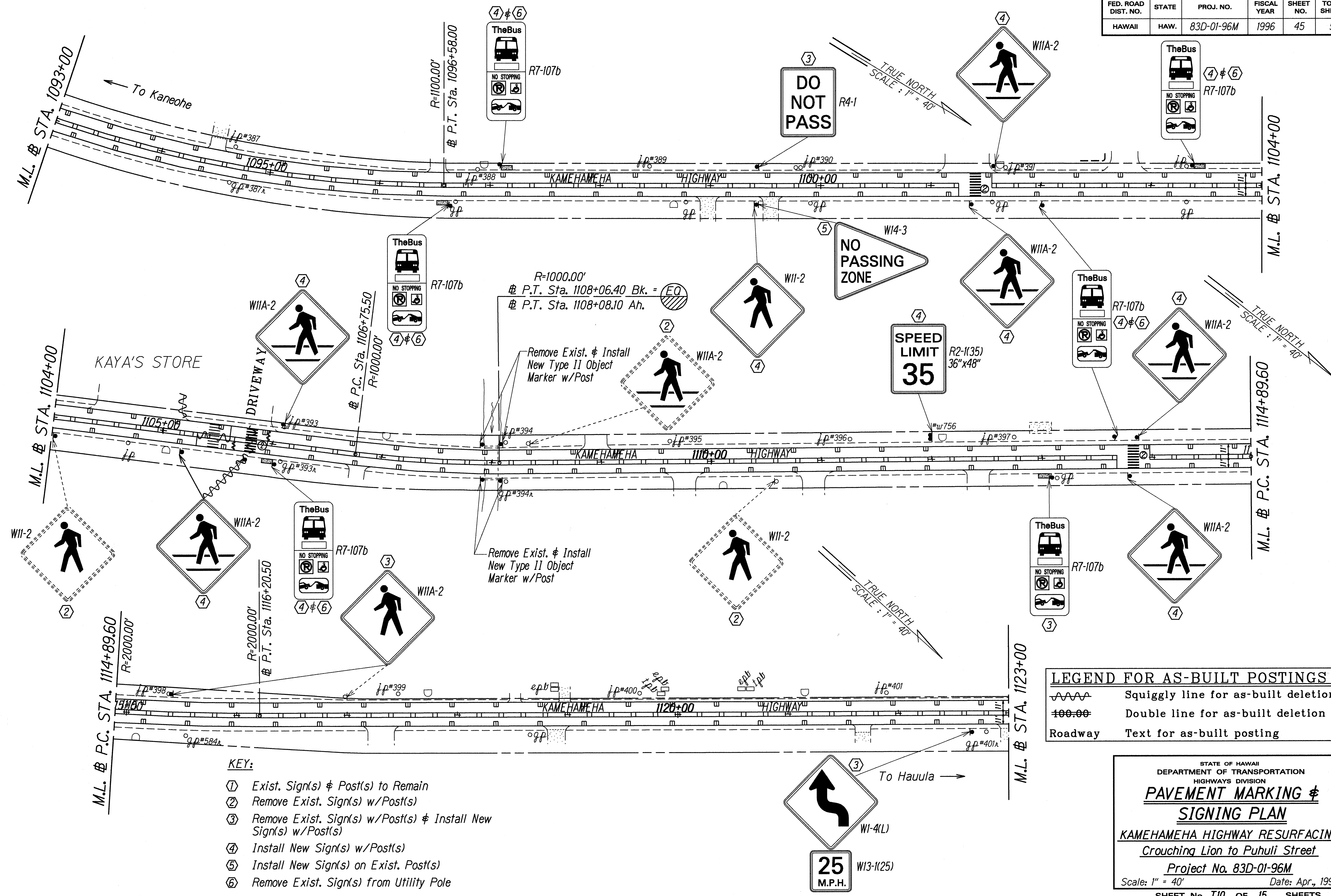
**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road  
Project No. 83D-01-96M  
Scale: 1" = 40' Date: Feb., 1996

SHEET No. T9 OF 15 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 45        | 50           |



|               |        |
|---------------|--------|
| DESIGNED BY   | DATE   |
| DRAWN BY      | 2/1/96 |
| CHECKED BY    |        |
| NOTED BY      |        |
| QUANTITIES BY |        |
| ORIGINAL PLAN |        |

- KEY:**
- ① Exist. Sign(s) & Post(s) to Remain
  - ② Remove Exist. Sign(s) w/Post(s)
  - ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
  - ④ Install New Sign(s) w/Post(s)
  - ⑤ Install New Sign(s) on Exist. Post(s)
  - ⑥ Remove Exist. Sign(s) from Utility Pole

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

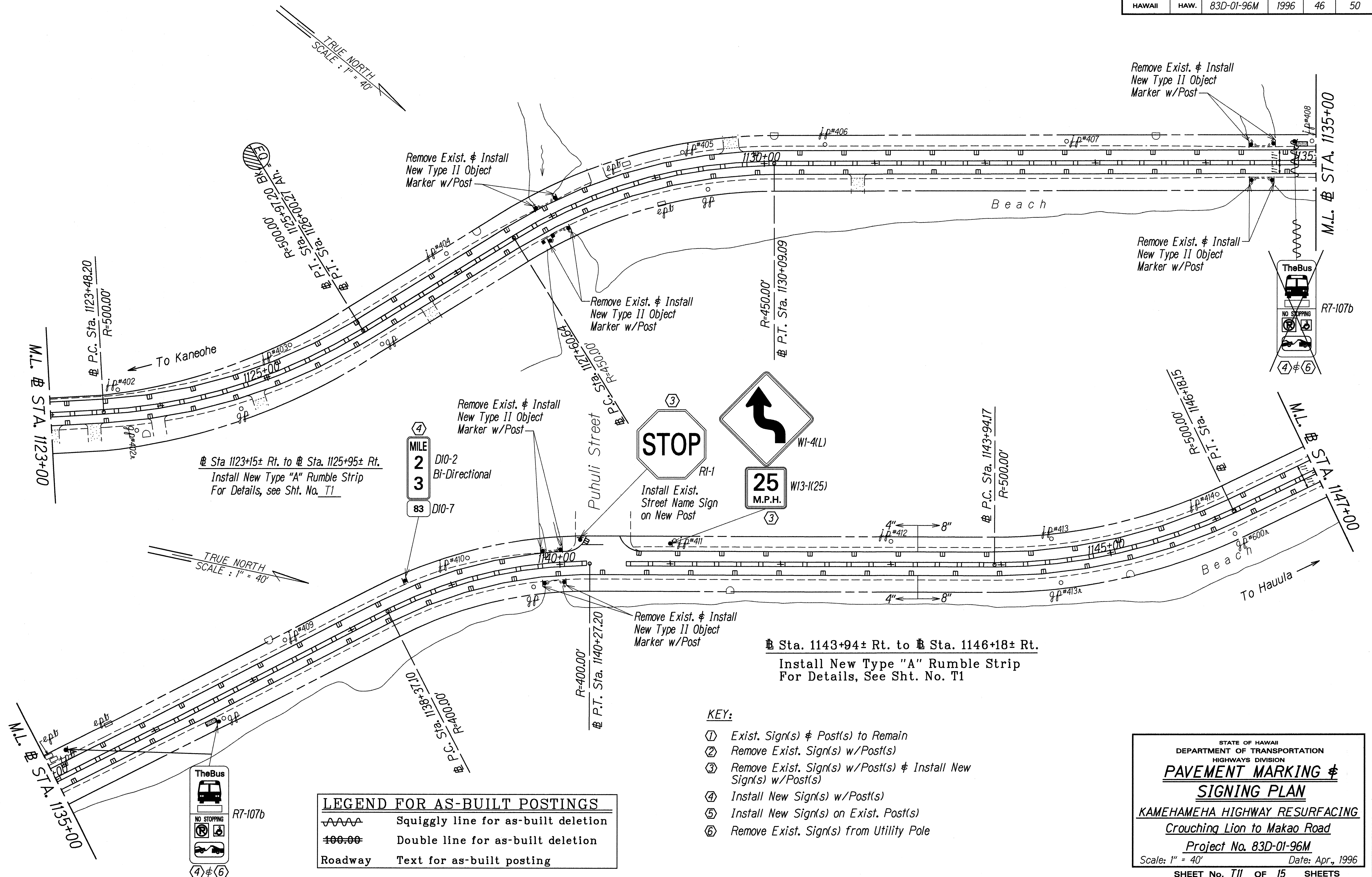
**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Puhuli Street  
Project No. 83D-01-96M  
Scale: 1" = 40' Date: Apr., 1996

SHEET No. 110 OF 15 SHEETS



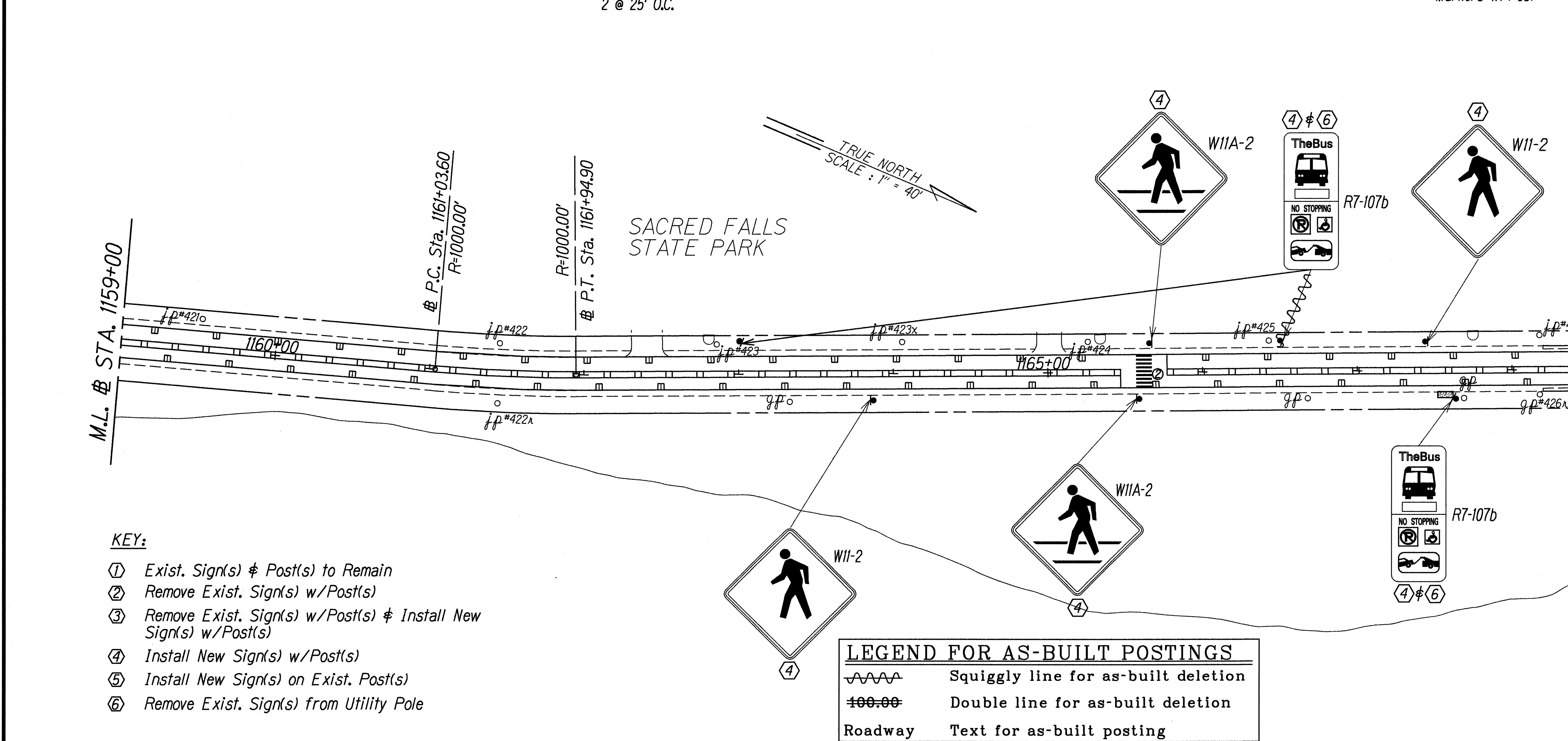
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 46        | 50           |





Plan view of Highway 115 from Sta. 1147+00 to Sta. 1156+48.05. The plan shows the proposed locations for rumble strips and object markers. Key features include:

- Stationing:** Sta. 1147+00 to Sta. 1156+48.05.
- Curve Data:** R=500.00, R=800.00.
- Callouts:**
  - Remove Exist. & Install New RM-3 w/Post
  - Remove Exist. & Install New RM-4(L) w/Post
  - Remove Exist. & Install New RM-4(R) w/Post
  - Remove Exist. & Install New RM-3 w/Post 2 @ 25' O.C.
  - Remove Exist. & Install New Type II Object Markers w/Post
  - Remove Exist. & Install New RM-4(L) w/Post
  - Remove Exist. & Install New RM-3 w/Post
  - Remove Exist. & Install New Type II Object Markers w/Post
- Other Features:**
  - Kaluanui Stream
  - Kaluanui Bridge
  - To Kaneohe
  - M.L. & STA. 1147+00
  - P.C. Sta. 1148+42.00
  - P.T. Sta. 1150+10.57
  - P.C. Sta. 1152+95.00
  - P.T. Sta. 1154+96.99
  - P.C. Sta. 1156+48.05
  - TheBus logo
  - R7-107b
  - TRUE NORTH SCALE: 1" = 40'



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)

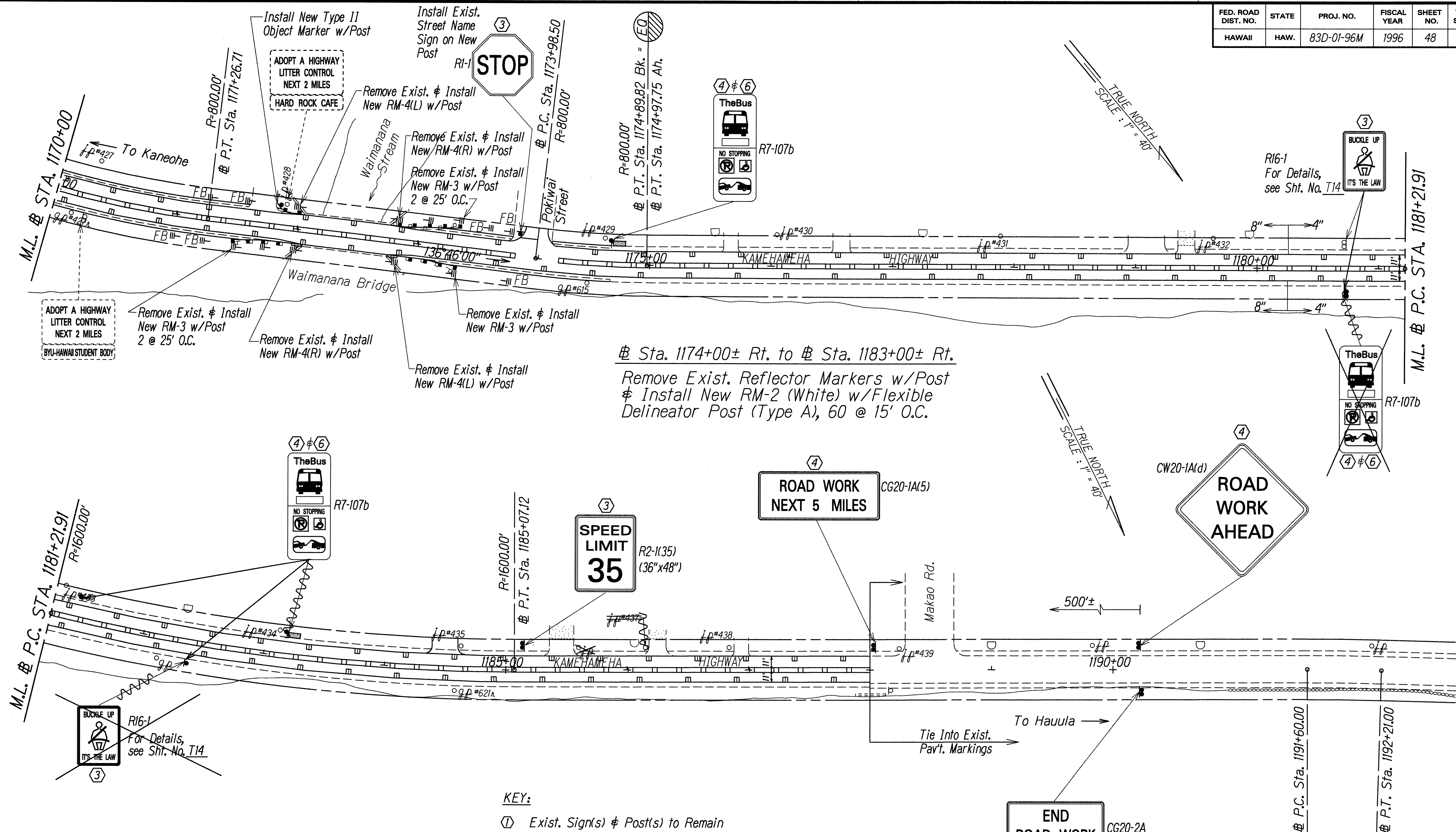
**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**PAVEMENT MARKING &  
SIGNING PLAN**  
**KAMEHAMEHA HIGHWAY RESURFACING**  
**Crouching Lion to Makao Road**  
**Project No. 83D-01-96M**  
Scale: 1" = 40' Date: Apr., 1996  
SHEET NO. 112 OF 15 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 48        | 50           |



**KEY:**

- ① Exist. Sign(s) & Post(s) to Remain
- ② Remove Exist. Sign(s) w/Post(s)
- ③ Remove Exist. Sign(s) w/Post(s) & Install New Sign(s) w/Post(s)
- ④ Install New Sign(s) w/Post(s)
- ⑤ Install New Sign(s) on Exist. Post(s)
- ⑥ Remove Exist. Sign(s) from Utility Pole

**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNING PLAN**

KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road

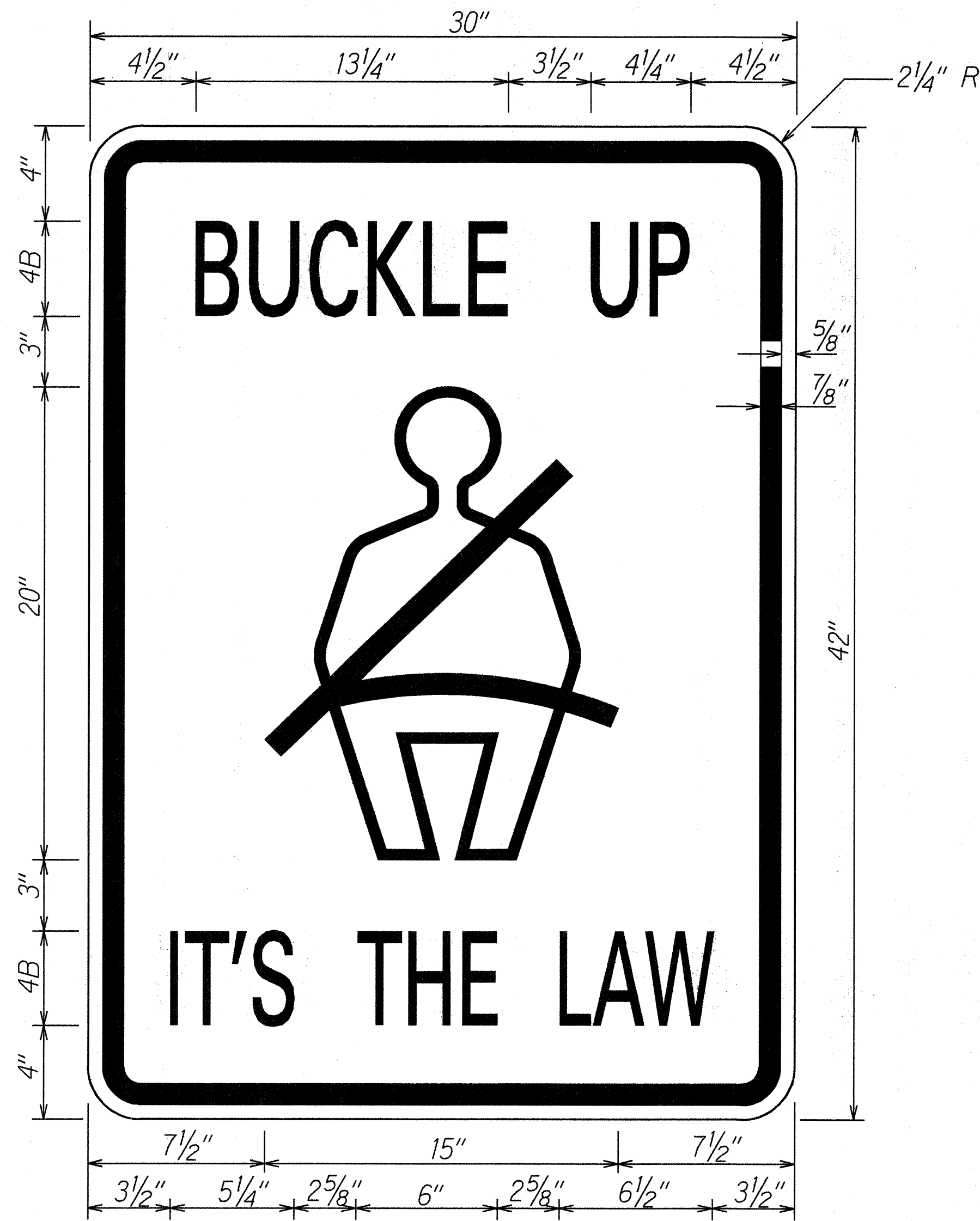
Project No. 83D-01-96M  
Scale: 1" = 40' Date: Apr., 1996

SHEET No. T13 OF 15 SHEETS

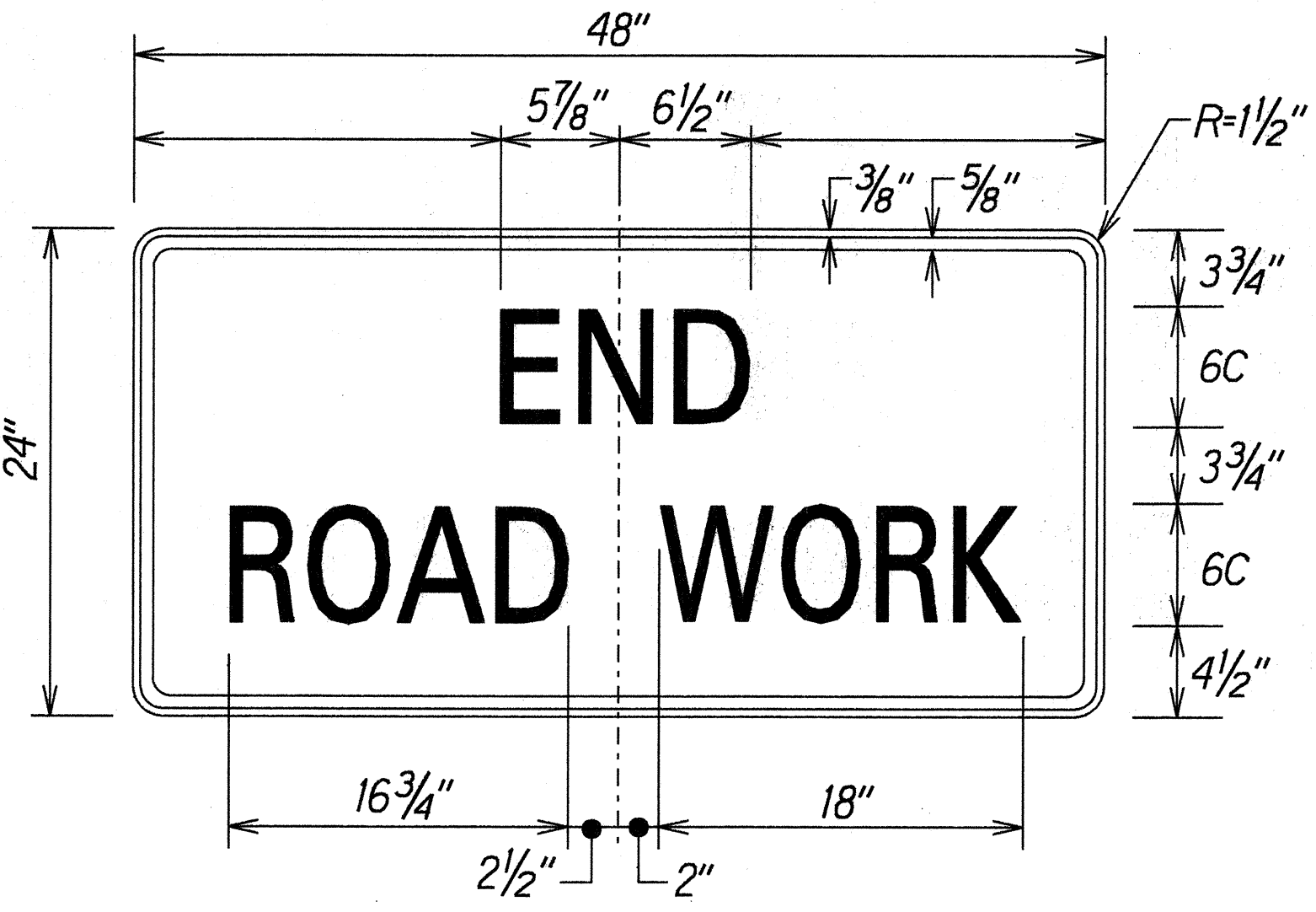
|                   |      |        |
|-------------------|------|--------|
| ORIGINAL PLAN     | DATE | 2/1/96 |
| SURVEY PLOTTED BY |      |        |
| DRAWN BY          |      |        |
| NOTED BY          |      |        |
| QUANTITIES BY     |      |        |
| CHECKED BY        |      |        |



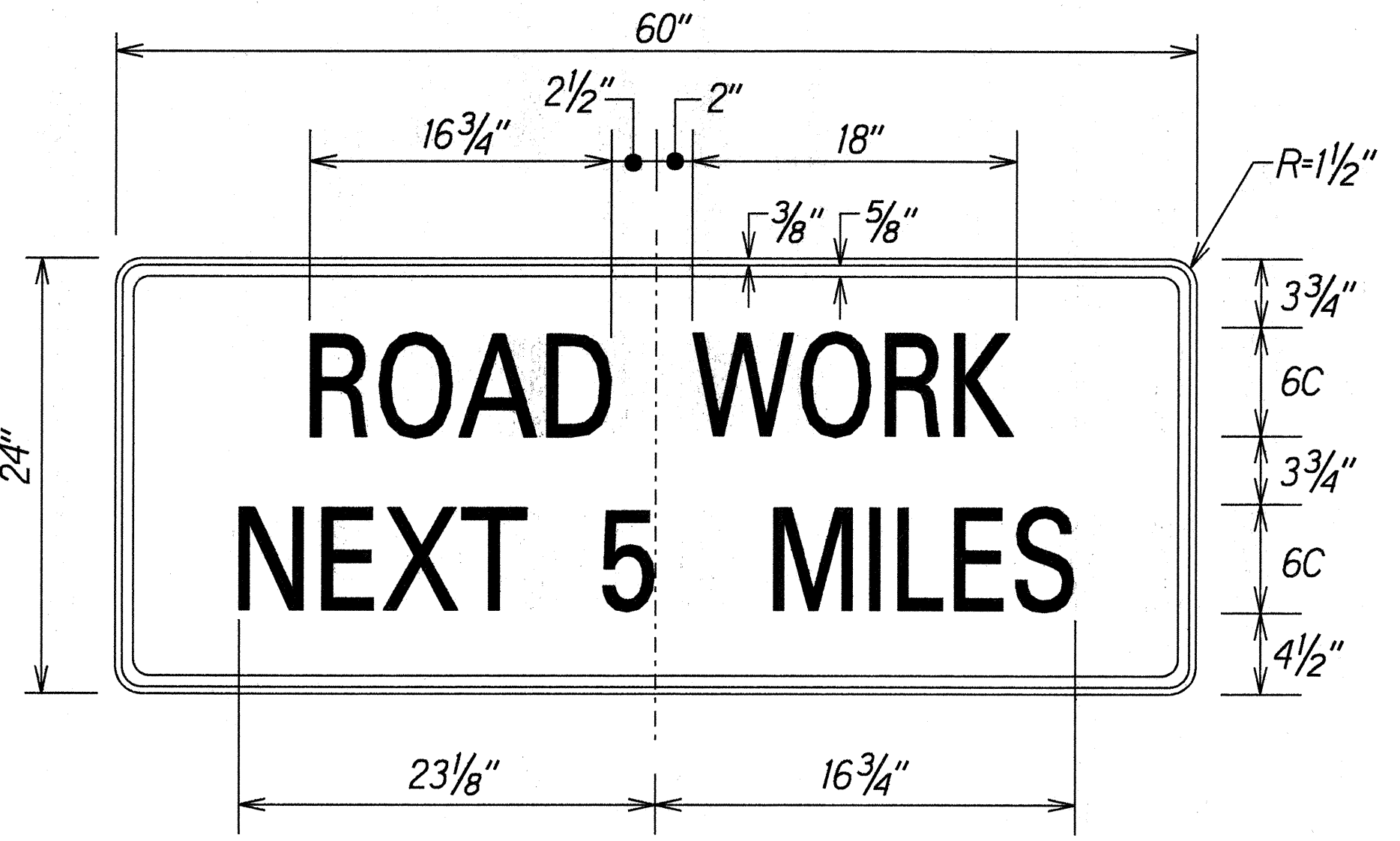
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 49        | 50           |



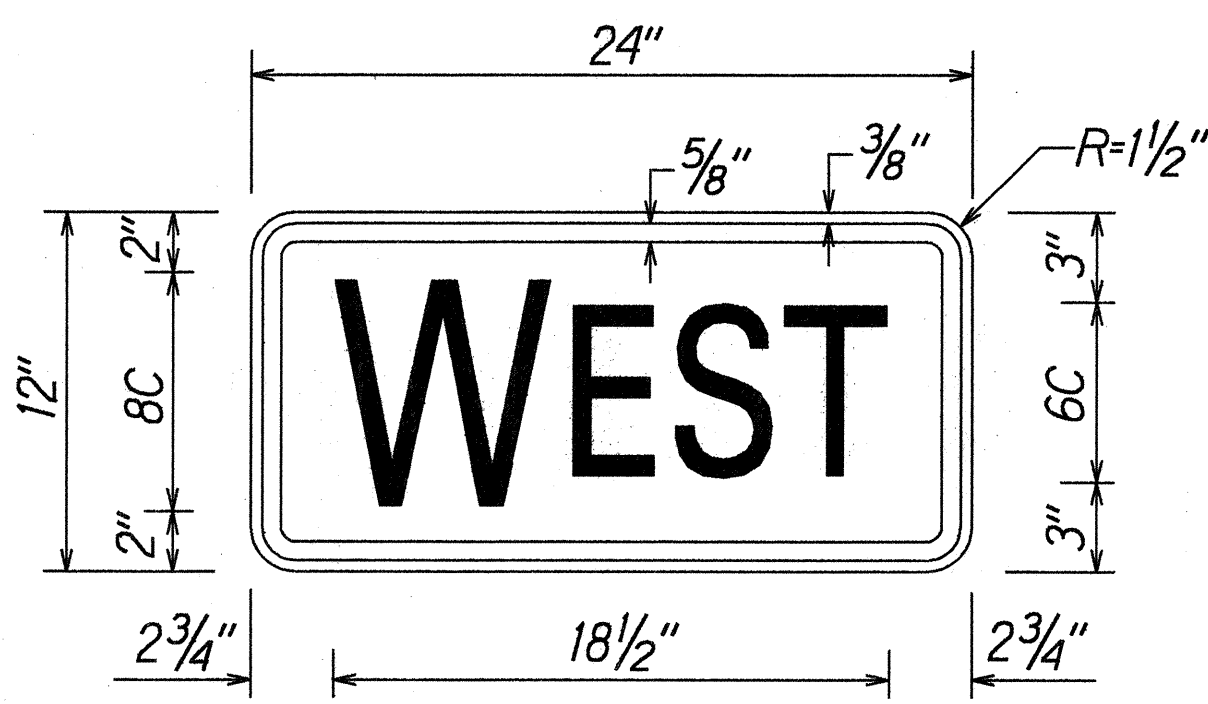
R16-1



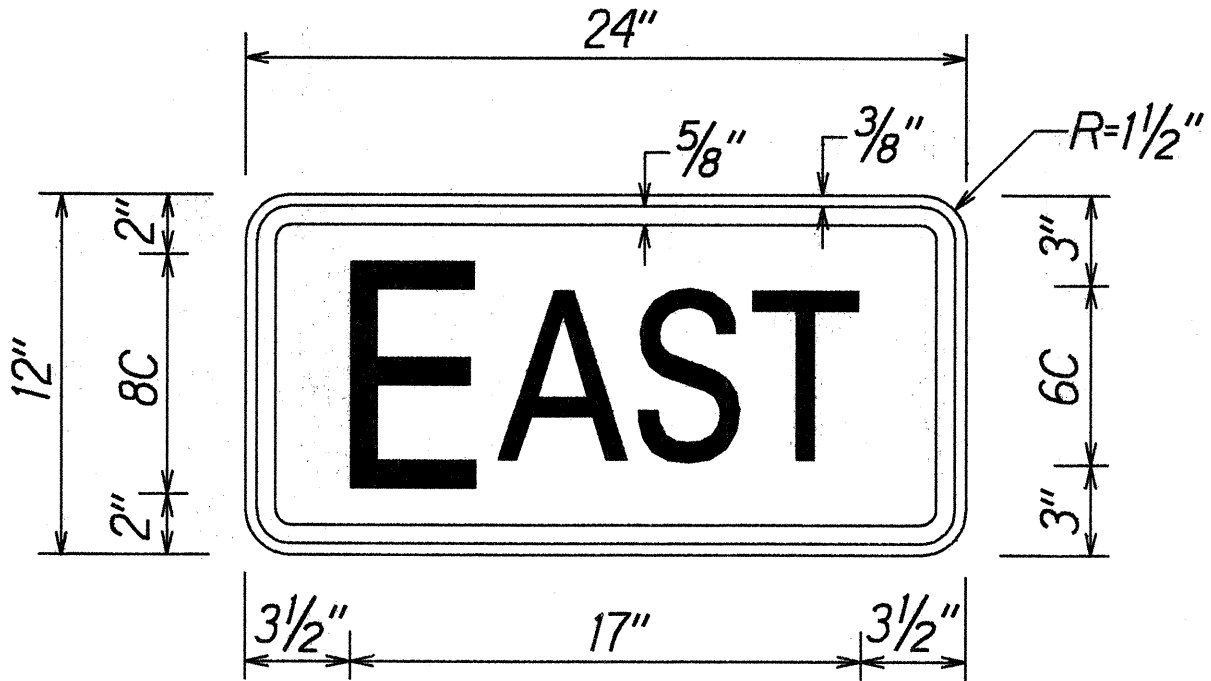
CG20-2A  
Scale: 1 1/2" = 1'-0"



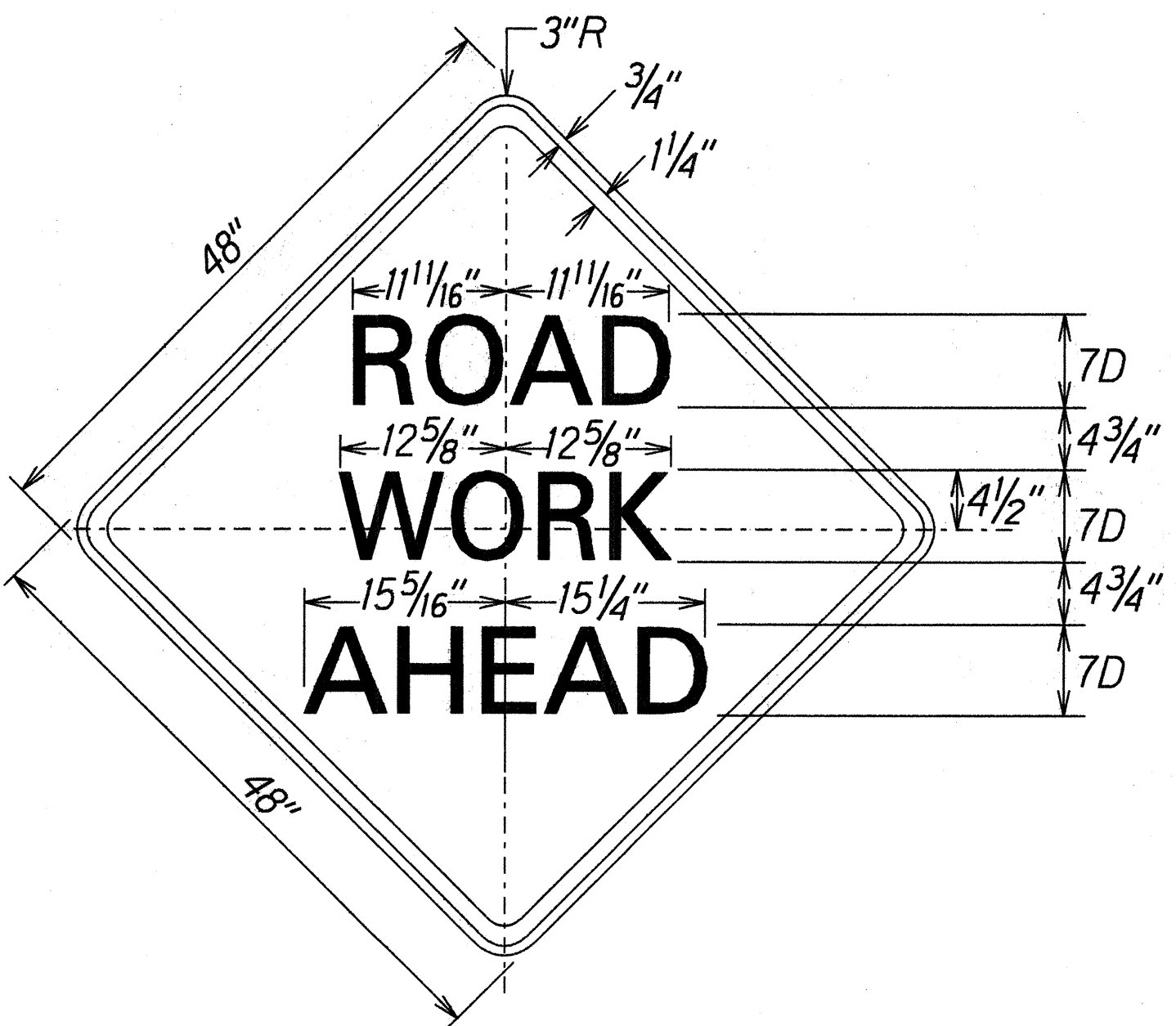
CG20-1A(5)  
Scale: 1 1/2" = 1'-0"



M3-4  
Not to Scale



M3-2  
Not to Scale



CW20-1A(d)  
Scale: 1" = 1'-0"

|               |      |                |
|---------------|------|----------------|
| ORIGINAL PLAN | DATE | 4/17/96        |
| DESIGNED BY   | BY   | W. T. H. H. H. |
| NOTED BY      | BY   | W. T. H. H. H. |
| QUANTITIES BY | BY   | W. T. H. H. H. |
| CHECKED BY    | BY   | W. T. H. H. H. |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TRAFFIC SIGN DETAIL**  
KAMEHAMEHA HIGHWAY RESURFACING  
Crouching Lion to Makao Road  
Project No. 83D-01-96M  
Not to Scale  
Date: Apr., 1996

SHEET No. T14 OF 15 SHEETS



| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 83D-01-96M | 1996        | 50        | 50           |

| 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 POSTS |
| R1-1                 | STOP                                                                              | 5                  | 1        |                         |           |
| R2-1(35)             | SPEED LIMIT 35                                                                    |                    |          | 10                      |           |
| R4-1                 | DO NOT PASS                                                                       | 12                 |          |                         |           |
| R6-1(R)              |  |                    | 2        |                         |           |
| R6-1(L)              |  | 2                  |          |                         |           |
| R7-107b**            | BUS STOP SIGN                                                                     | 40                 |          |                         |           |
| R16-1                | BUCKLE UP IT'S THE LAW                                                            | 3                  |          |                         |           |
| W1-2(R)              |  | 1                  |          |                         |           |
| W1-2(L)              |  | 1                  |          |                         |           |
| W1-4(L)              |  | 2                  |          |                         |           |
| W1-8                 |  | 13*                |          |                         |           |
| W2-2                 |  | 2                  |          |                         |           |
| W11-2                |  | 10                 |          |                         |           |
| W11A-2               |  | 14                 |          |                         |           |
| W13-1(25)            |  |                    | 2        |                         |           |
| W14-3                | NO PASSING ZONE                                                                   | 5                  | 7        |                         |           |
| TOTAL                |                                                                                   | 110                | 12       | 10                      | ∅         |

| PAVEMENT MARKING SUMMARY                   |  |             |
|--------------------------------------------|--|-------------|
| DESCRIPTION                                |  | QUANTITY    |
| PAVEMENT MARKERS                           |  |             |
| TYPE C                                     |  | 1,384 EA.   |
| TYPE D                                     |  | 1,325 EA.   |
| TYPE H                                     |  | 8 EA.       |
| TYPE J                                     |  | 132 EA.     |
| TAPE - TYPE I OR THERMOPLASTIC EXTRUSION   |  |             |
| 4-INCH PAVEMENT STRIPE (YELLOW)            |  | 320 L.F.    |
| DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW)     |  | 26,165 L.F. |
| TAPE - TYPE II OR THERMOPLASTIC EXTRUSION  |  |             |
| 4-INCH PAVEMENT STRIPE (WHITE)             |  | 34,335 L.F. |
| 8-INCH PAVEMENT STRIPE (WHITE)             |  | 19,980 L.F. |
| TAPE - TYPE III OR THERMOPLASTIC EXTRUSION |  |             |
| 12-INCH PAVEMENT STRIPE (WHITE)            |  | 290 L.F.    |
| CROSSWALK MARKINGS                         |  | 14 LANES    |

\*Bi-directional

\*\*For Sign No. R7-107b Detail, contact:  
Alan Kim  
Honolulu Public Transit Authority  
711 Kapiolani Boulevard, Suite 275  
Honolulu, Hawaii 96813  
Ph. No. 534-4734

| CONSTRUCTION SIGN SUMMARY |                        |         |
|---------------------------|------------------------|---------|
| SIGN NO.                  | MESSAGE                | W/POSTS |
| CG20-1A(5)                | ROAD WORK NEXT 5 MILES | 2       |
| CG20-2A                   | END ROAD WORK          | 2       |
| CW20-1A(d)                | ROAD WORK AHEAD        | 2       |
| TOTAL                     |                        | 6       |

| ROUTE MARKER SUMMARY |                      |                                                                                       |                 |          |
|----------------------|----------------------|---------------------------------------------------------------------------------------|-----------------|----------|
| SIGN ASSEMBLY        | SIGN NO. AND MESSAGE |                                                                                       | TYPE A ASSEMBLY |          |
|                      |                      |                                                                                       | W/POST          | W/O POST |
| SRM-1                | M3-2                 |  | 1               |          |
|                      | M1-6(83)             |  |                 |          |
| SRM-2                | M3-4                 |  | 1               |          |
|                      | M1-6(83)             |  |                 |          |
| TOTAL                |                      |                                                                                       | 2               | ∅        |

| MILEPOST MARKER SUMMARY |    |          |          |
|-------------------------|----|----------|----------|
| SIGN NO. AND MESSAGE    |    | QUANTITY |          |
|                         |    | W/POST   | W/O POST |
| D10-2                   | 26 | 1        |          |
| D10-7                   | 83 |          |          |
| D10-2                   | 25 | 1        |          |
| D10-7                   | 83 |          |          |
| D10-2                   | 24 | 1        |          |
| D10-7                   | 83 |          |          |
| D10-2                   | 23 | 1        |          |
| D10-7                   | 83 |          |          |
| TOTAL                   |    | 4        | ∅        |

Note: All milepost markers shall be Bi-Directional.

| REFLECTOR MARKER SUMMARY |          |  |                                     |       |                                     |       |              |       |
|--------------------------|----------|--|-------------------------------------|-------|-------------------------------------|-------|--------------|-------|
| TYPE                     | QUANTITY |  |                                     |       |                                     |       |              |       |
|                          | W/O POST |  | W/FLEXIBLE DELINEATOR POST (TYPE A) |       | W/FLEXIBLE DELINEATOR POST (TYPE B) |       | W/STEEL POST |       |
|                          |          |  | YELLOW                              | WHITE | YELLOW                              | WHITE | YELLOW       | WHITE |
| RM-2                     |          |  |                                     |       |                                     | 60    | 34           |       |
| RM-3                     | 1        |  |                                     |       | 38                                  |       | 38           |       |
| RM-4                     | 1        |  |                                     |       |                                     |       | 27           |       |
| OM-II                    | 600      |  |                                     |       |                                     |       | 52           |       |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC SUMMARIES

KAMEHAMEHA HIGHWAY RESURFACING

Crouching Lion to Makao Road

Project No. 83D-01-96M

Not to Scale      Date: Apr., 1996

SHEET No. 715 OF 15 SHEETS

|               |                   |         |
|---------------|-------------------|---------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE    |
| NOTE BOOK     | DESIGNED BY       | 4/16/76 |
| QUANTITIES BY | TRACED BY         |         |
| CHECKED BY    |                   |         |