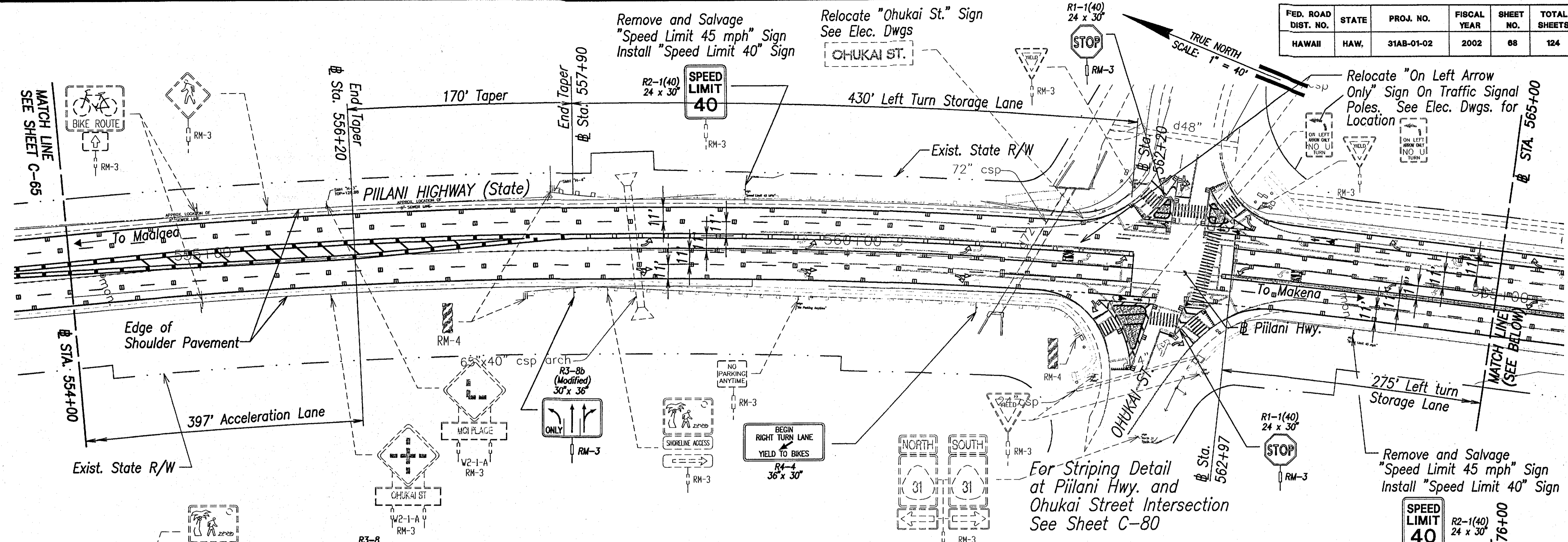


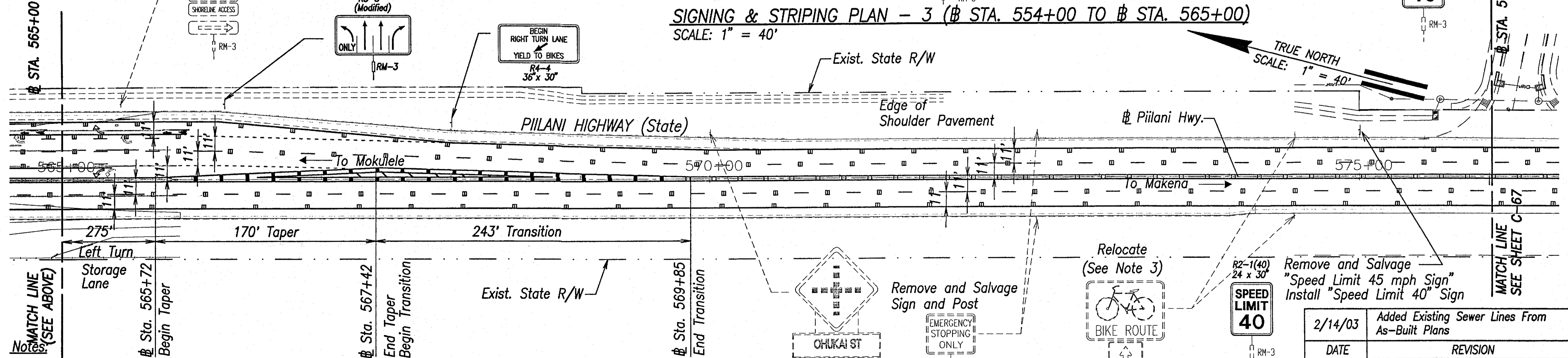




| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 68        | 124          |

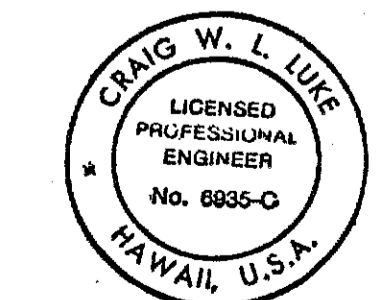
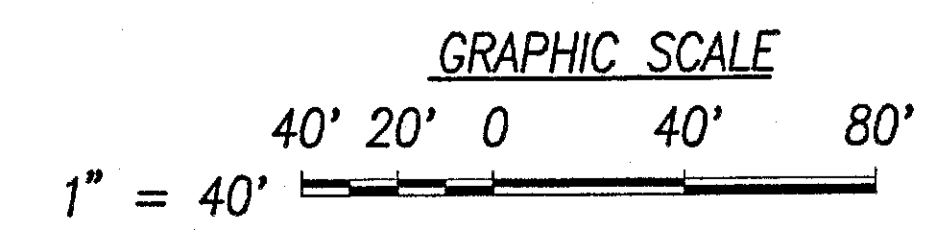


**SIGNING & STRIPING PLAN - 3 (Sta. 554+00 TO Sta. 565+00)**  
SCALE: 1" = 40'



**SIGNING & STRIPING PLAN - 3 (Sta. 565+00 TO Sta. 576+00)**  
SCALE: 1" = 40'

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.



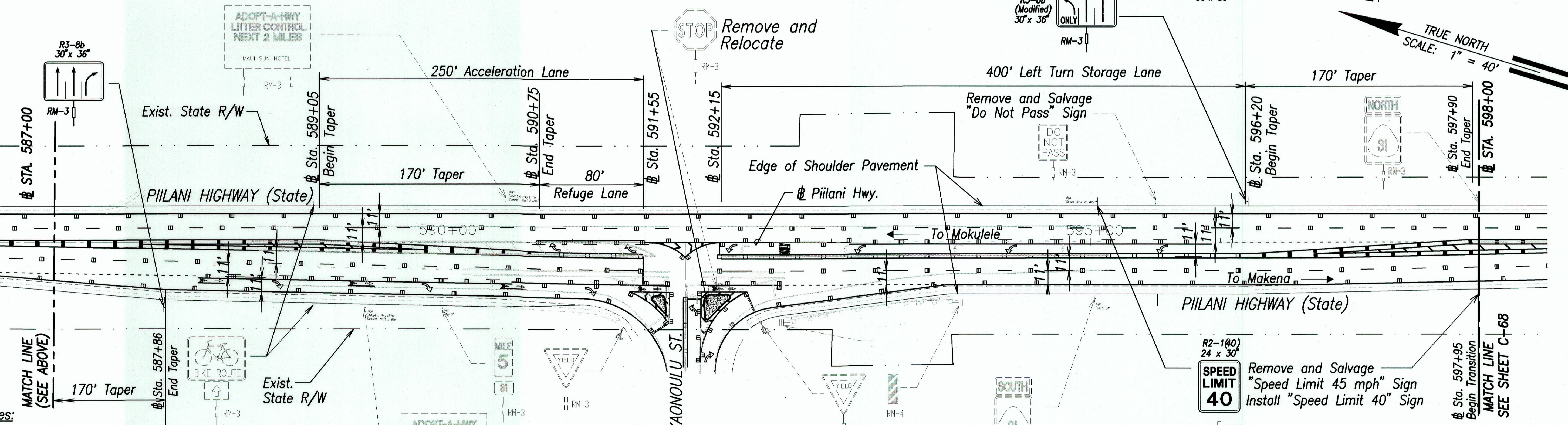
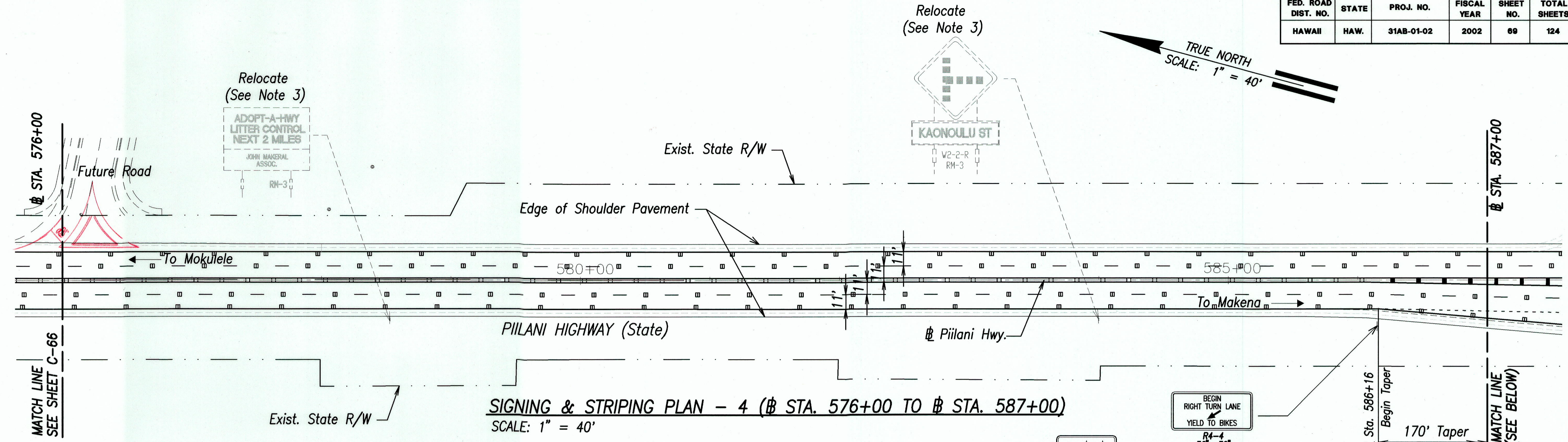
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
SIGNATURE DATE

| DATE    | REVISION                                       |
|---------|--|
| 2/14/03 | Added Existing Sewer Lines From As-Built Plans |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SIGNAGE AND STRIPING PLAN-3**  
(Sta. 554+00 TO Sta. 576+00)  
PIILANI HIGHWAY INTERIM WIDENING  
Project No. 31AB-01-02  
Scale: 1" = 40' Date: May 1, 2002  
SHEET No.C-66 OF 124 SHEETS

|               |  |
|---------------|--|
| DATE          |  |
| DESIGNED BY   |  |
| DRAWN BY      |  |
| CHECKED BY    |  |
| QUANTITIES BY |  |
| NO. OF SHEETS |  |
| NO.           |  |

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 69        | 124          |

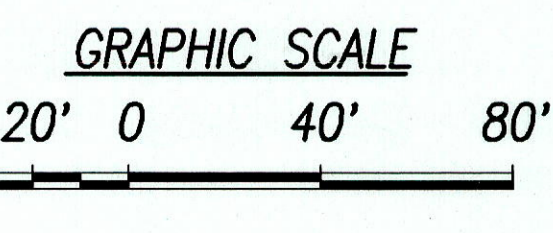


**Notes:**

1. Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
2. Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
3. Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

For Striping Detail at Piilani Hwy. and Kaonoulu Street Intersection See Sheet C-80

**SIGNING & STRIPING PLAN - 4 (Sta. 587+00 TO Sta. 598+00)**  
SCALE: 1" = 40'



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

R2-1(40)  
24 x 30"  
**SPEED LIMIT 40**

Remove and Salvage "Speed Limit 45 mph" Sign  
Install "Speed Limit 40" Sign

CRAG W. L. LUI  
LICENSED PROFESSIONAL ENGINEER  
No. 6835-C  
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

5/1/02  
DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNAGE AND STRIPING PLAN-4**  
(Sta. 576+00 TO Sta. 598+00)

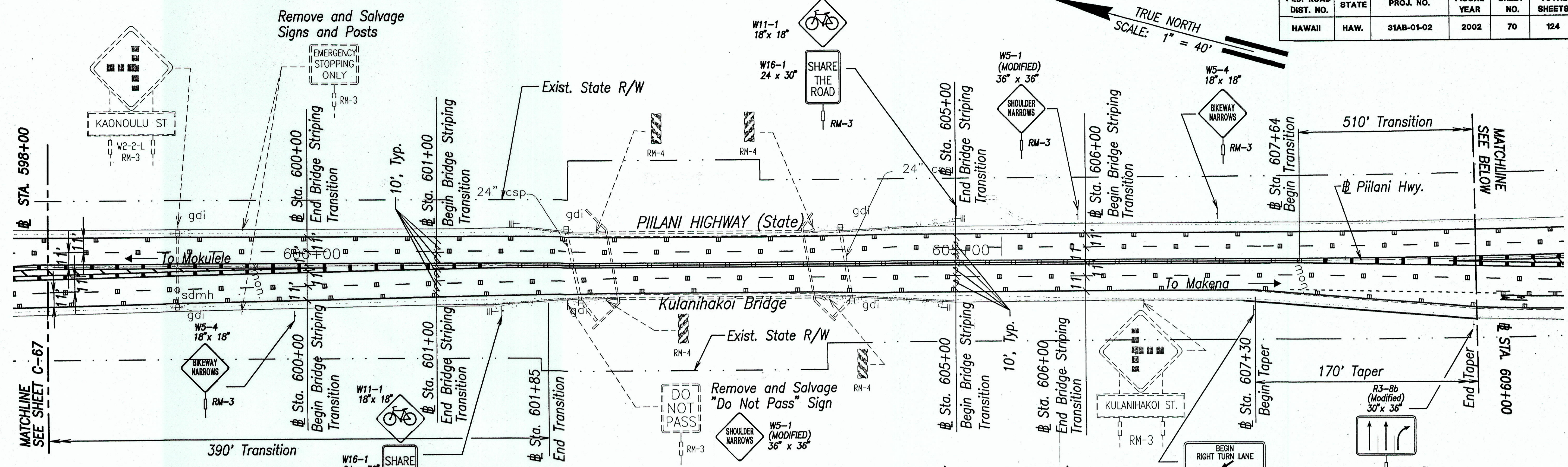
PIILANI HIGHWAY INTERIM WIDENING  
Project No. 31AB-01-02

Scale: 1" = 40' Date: May 1, 2002

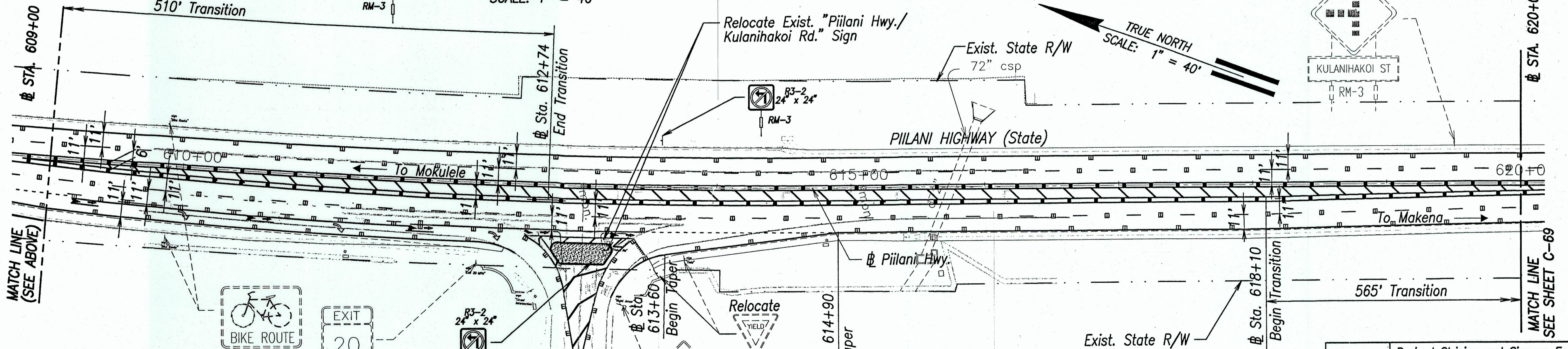
SHEET No. C-67 OF 124 SHEETS

"AS-BUILT"

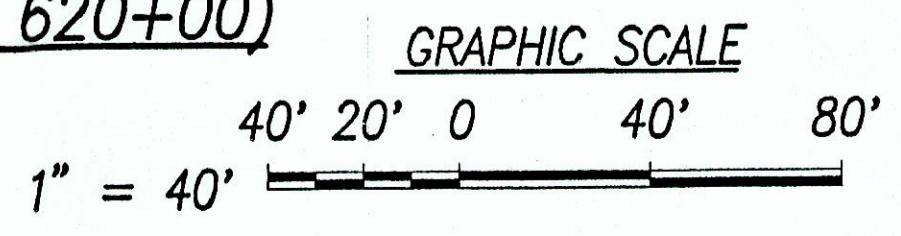
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 70        | 124          |



**SIGNING & STRIPING PLAN - 5 (Sta. 598+00 TO Sta. 609+00)**  
SCALE: 1" = 40'



**SIGNING & STRIPING PLAN - 5 (Sta. 609+00 TO Sta. 620+00)**  
SCALE: 1" = 40'

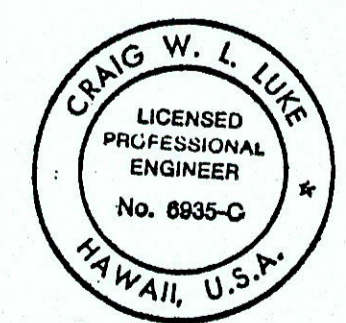


**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

For Striping Detail at Piilani Hwy. and Kulanihako'i Road Intersection See Sheet C-81

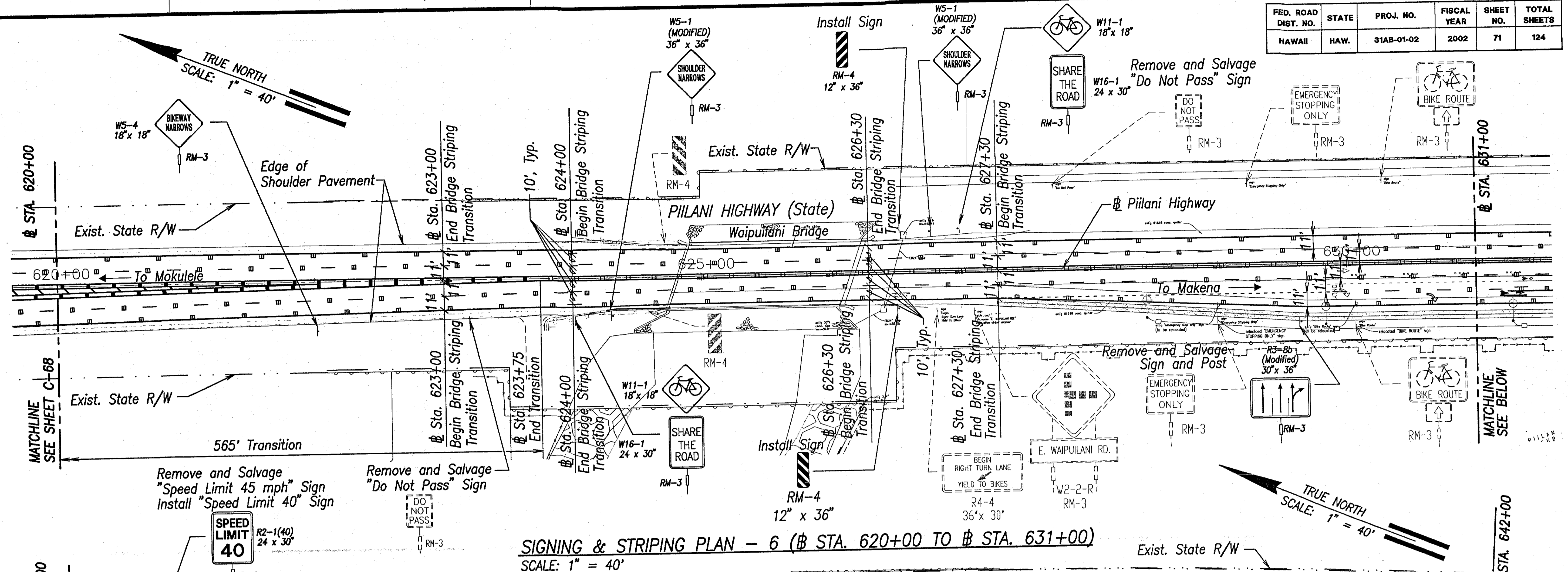
|             |  |
|-------------|--|
| DATE        |  |
| DESIGNED BY |  |
| CHECKED BY  |  |
| NO.         |  |



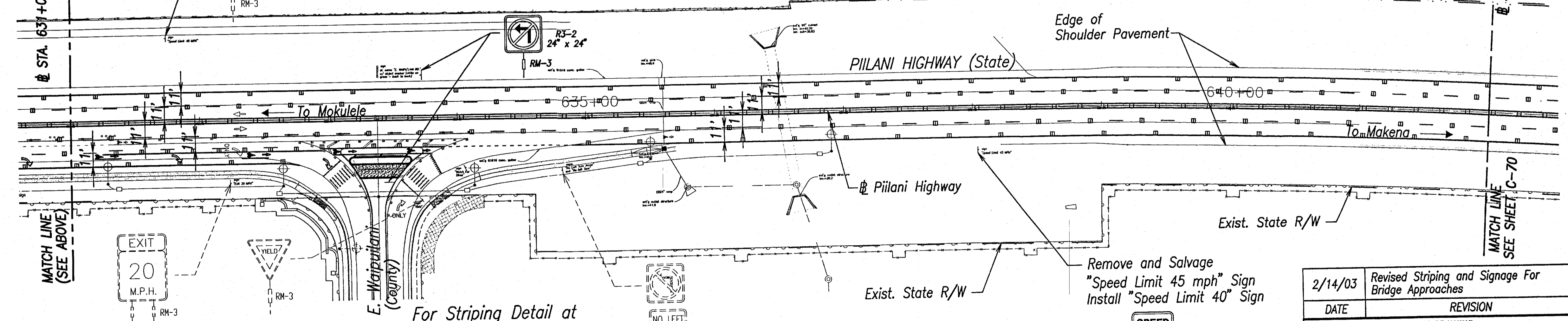
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
SIGNATURE DATE

|  |  |
|--|--|
| 2/14/03  | Revised Striping and Signage For Bridge Approaches |
| DATE   | REVISION   |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |  |
| <b>SIGNAGE AND STRIPING PLAN-5</b><br>(Sta. 598+00 TO Sta. 620+00)   |  |
| Piiilani Highway Interim Widening<br>Project No. 31AB-01-02          |  |
| Scale: 1" = 40'  | Date: May 1, 2002                                  |
| SHEET No.C-68 OF 124 SHEETS  |  |

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 71        | 124          |



**SIGNING & STRIPING PLAN - 6 (Sta. 620+00 TO Sta. 631+00)**  
SCALE: 1" = 40'



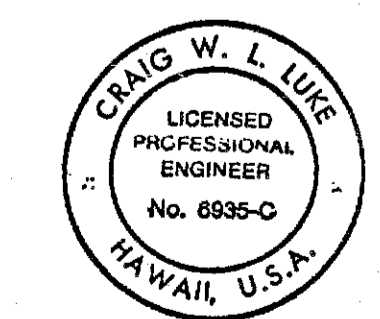
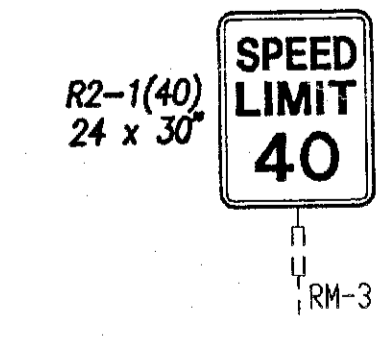
**SIGNING & STRIPING PLAN - 5 (Sta. 631+00 TO Sta. 642+00)**  
SCALE: 1" = 40'

**Notes:**

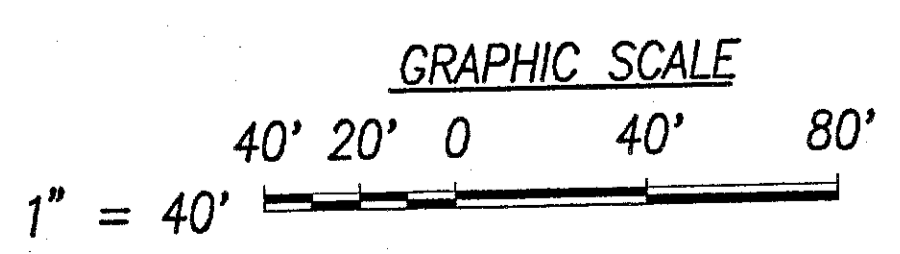
1. Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
2. Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
3. Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

For Striping Detail at Piilani Hwy. and E. Wapuilani Road Intersection See Sheet C-81

Remove and Salvage "Speed Limit 45 mph" Sign  
Install "Speed Limit 40" Sign



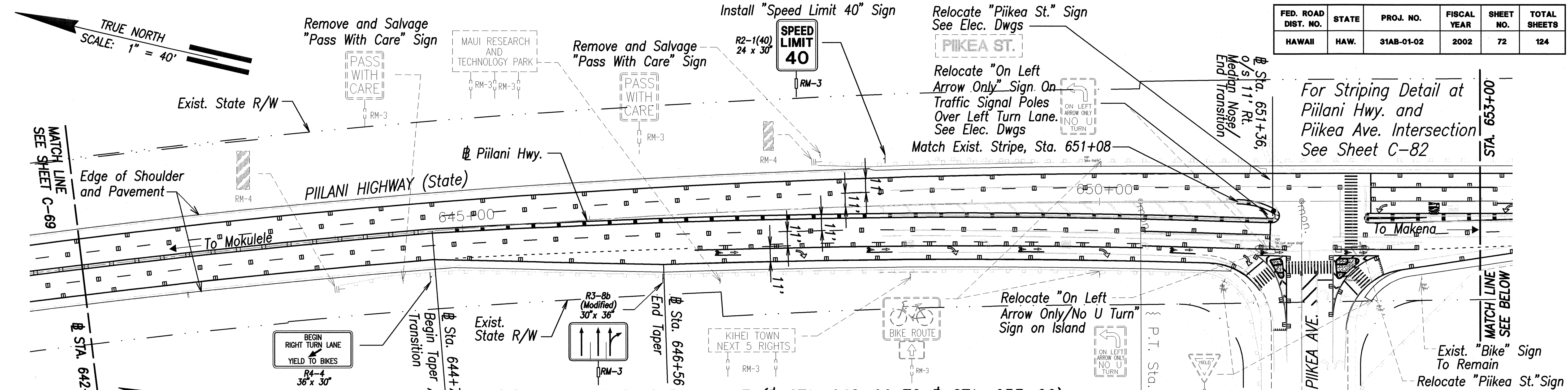
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
SIGNATURE DATE



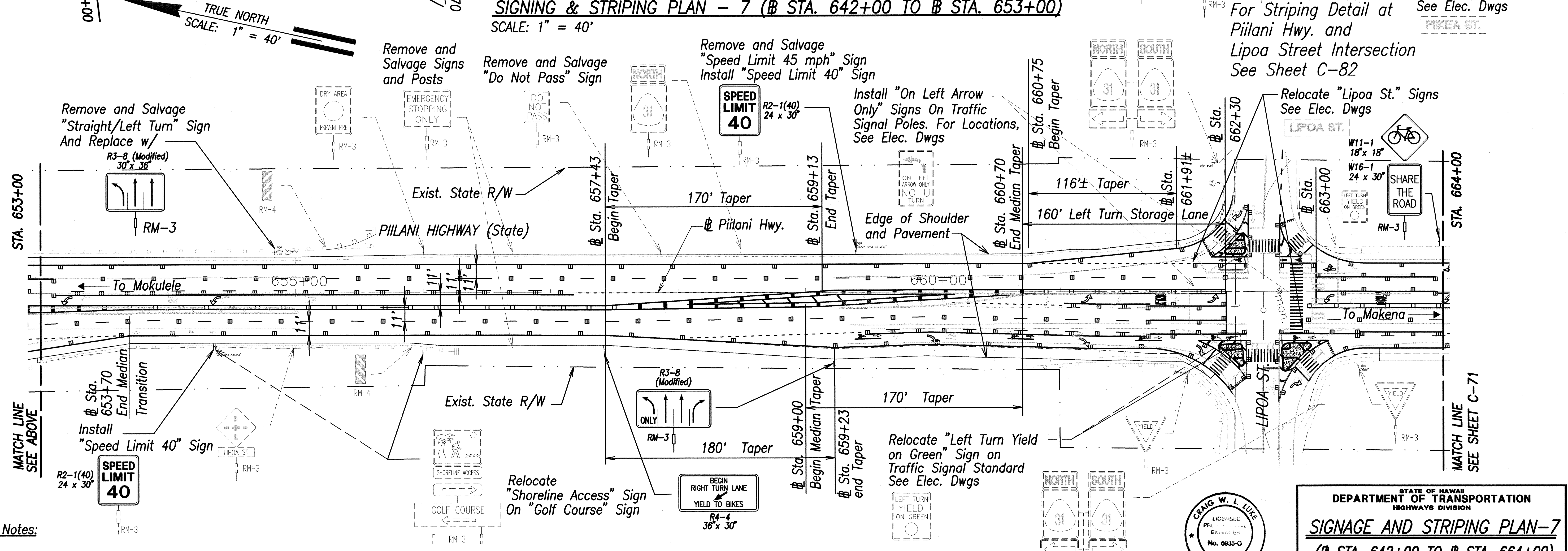
|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| CHECKED BY    |      |
| QUANTITIES BY |      |
| REVISIONS     |      |
| NO.           |      |

|  |  |
|--|--|
| 2/14/03  | Revised Striping and Signage For Bridge Approaches |
| DATE   | REVISION   |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |  |
| <b>SIGNAGE AND STRIPING PLAN-6</b><br>(Sta. 620+00 TO Sta. 642+00)   |  |
| PIILANI HIGHWAY INTERIM WIDENING<br>Project No. 31AB-01-02           |  |
| Scale: 1" = 40'  | Date: May 1, 2002                                  |
| SHEET No.C-69 OF 124 SHEETS  |  |

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 72        | 124          |



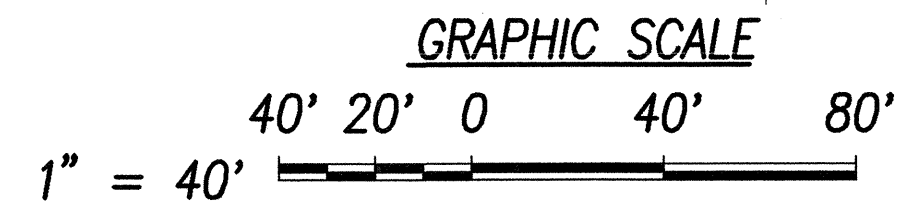
**SIGNING & STRIPING PLAN - 7 (Sta. 642+00 TO Sta. 653+00)**  
SCALE: 1" = 40'



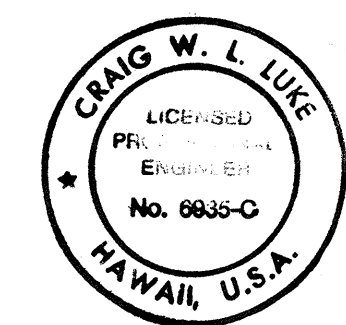
**SIGNING & STRIPING PLAN - 7 (Sta. 653+00 TO Sta. 664+00)**  
SCALE: 1" = 40'

**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.



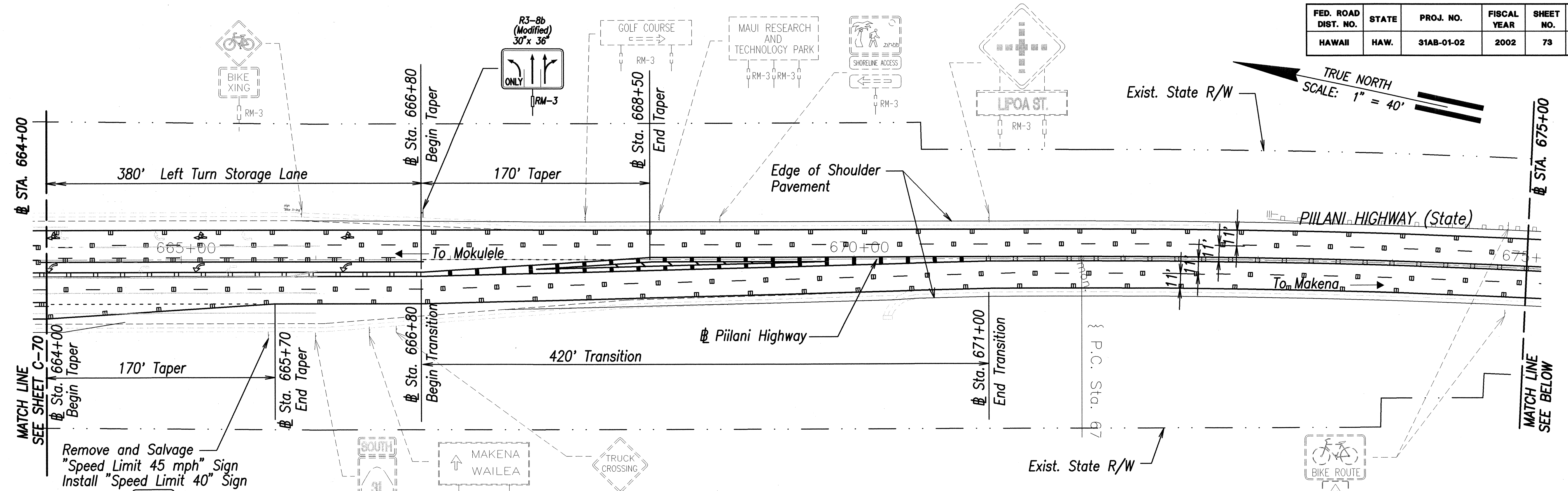
|                   |  |
|-------------------|--|
| DATE              |  |
| SURVEY PLATTED BY |  |
| DRAWN BY          |  |
| TRACED BY         |  |
| DESIGNED BY       |  |
| QUANTITIES BY     |  |
| CHECKED BY        |  |
| ORIGINAL PLAN     |  |
| NOTE BOOK         |  |
| No.               |  |



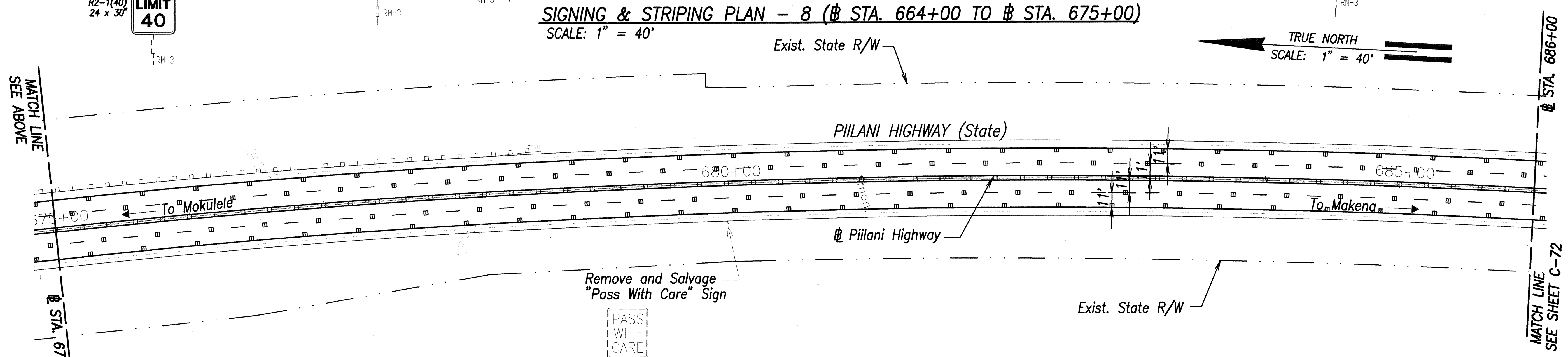
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 SIGNATURE: [Signature] DATE: 5/1/02

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNAGE AND STRIPING PLAN-7**  
 (Sta. 642+00 TO Sta. 664+00)  
 PIIHAAI HIGHWAY INTERIM WIDENING  
 Project No. 31AB-01-02  
 Scale: 1" = 40' Date: May/July 2002  
 SHEET No. C-70 OF 124 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 73        | 124          |



**SIGNING & STRIPING PLAN - 8 (# STA. 664+00 TO # STA. 675+00)**  
SCALE: 1" = 40'

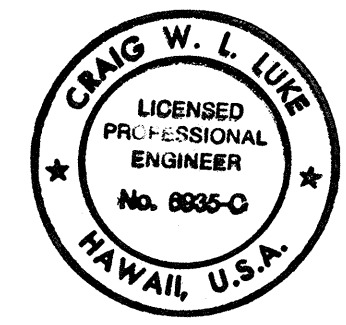
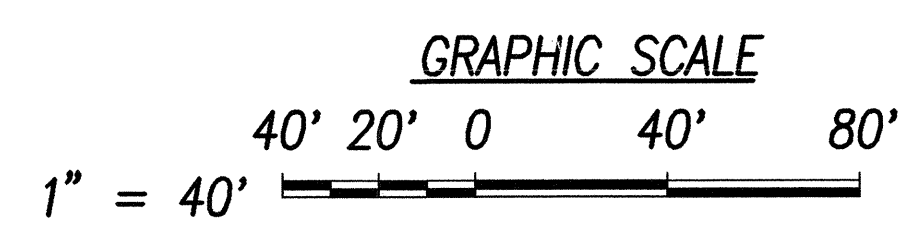


**SIGNING & STRIPING PLAN - 8 (# STA. 675+00 TO # STA. 686+00)**  
SCALE: 1" = 40'

**Notes:**

1. Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
2. Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
3. Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

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



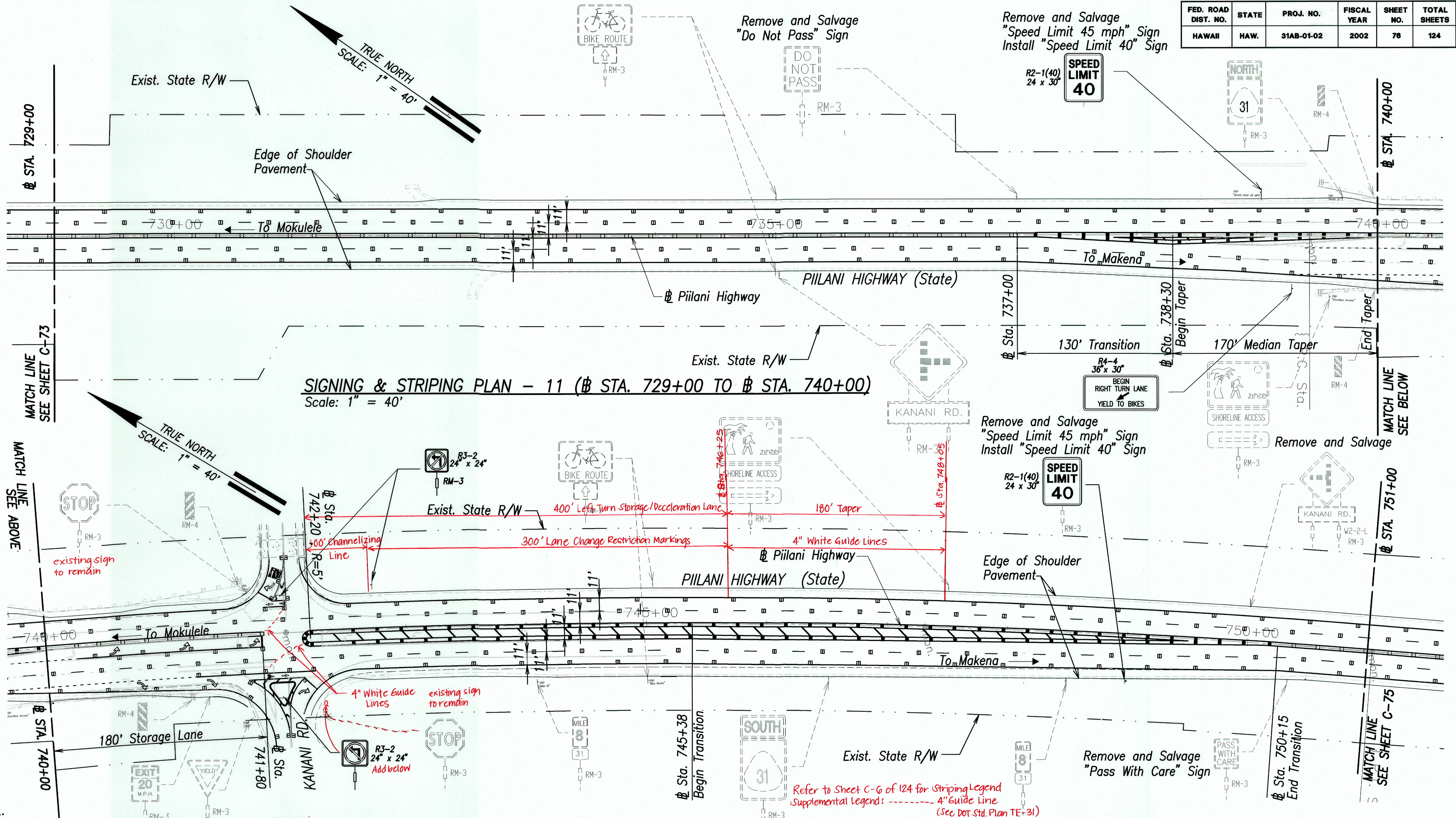
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 SIGNATURE: [Signature] DATE: 5/1/02

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNAGE AND STRIPING PLAN-8**  
 (# STA. 664+00 TO # STA. 686+00)  
 PIILANI HIGHWAY INTERIM WIDENING  
 Project No. 31AB-01-02  
 Scale: 1" = 40' Date: May 1, 2002  
 SHEET No.C-71 OF 124 SHEETS





| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 78        | 124          |



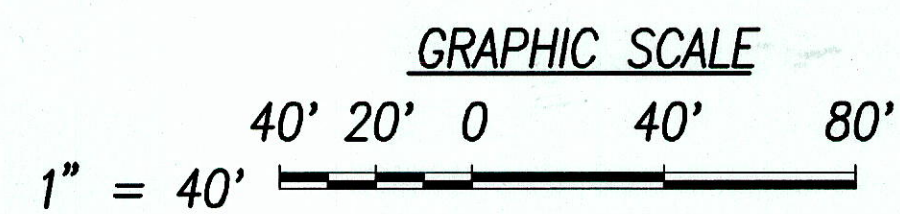
**SIGNING & STRIPING PLAN - 11 (# STA. 729+00 TO # STA. 740+00)**  
Scale: 1" = 40'

**SIGNING & STRIPING PLAN - 11 (# STA. 740+00 TO # STA. 751+00)**  
Scale: 1" = 40'

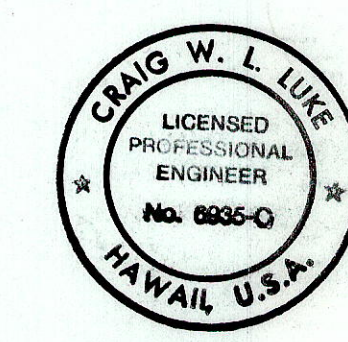
**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

For Striping Detail at Piilani Hwy. and Kanani Road Intersection, See Sheet C-84.



|                   |      |
|-------------------|------|
| DATE              | ____ |
| SURVEY PLOTTED BY | ____ |
| DESIGNED BY       | ____ |
| QUANTITIES BY     | ____ |
| CHECKED BY        | ____ |
| ORIGINAL PLAN     | ____ |
| NOTE BOOK         | ____ |
| No.               | ____ |

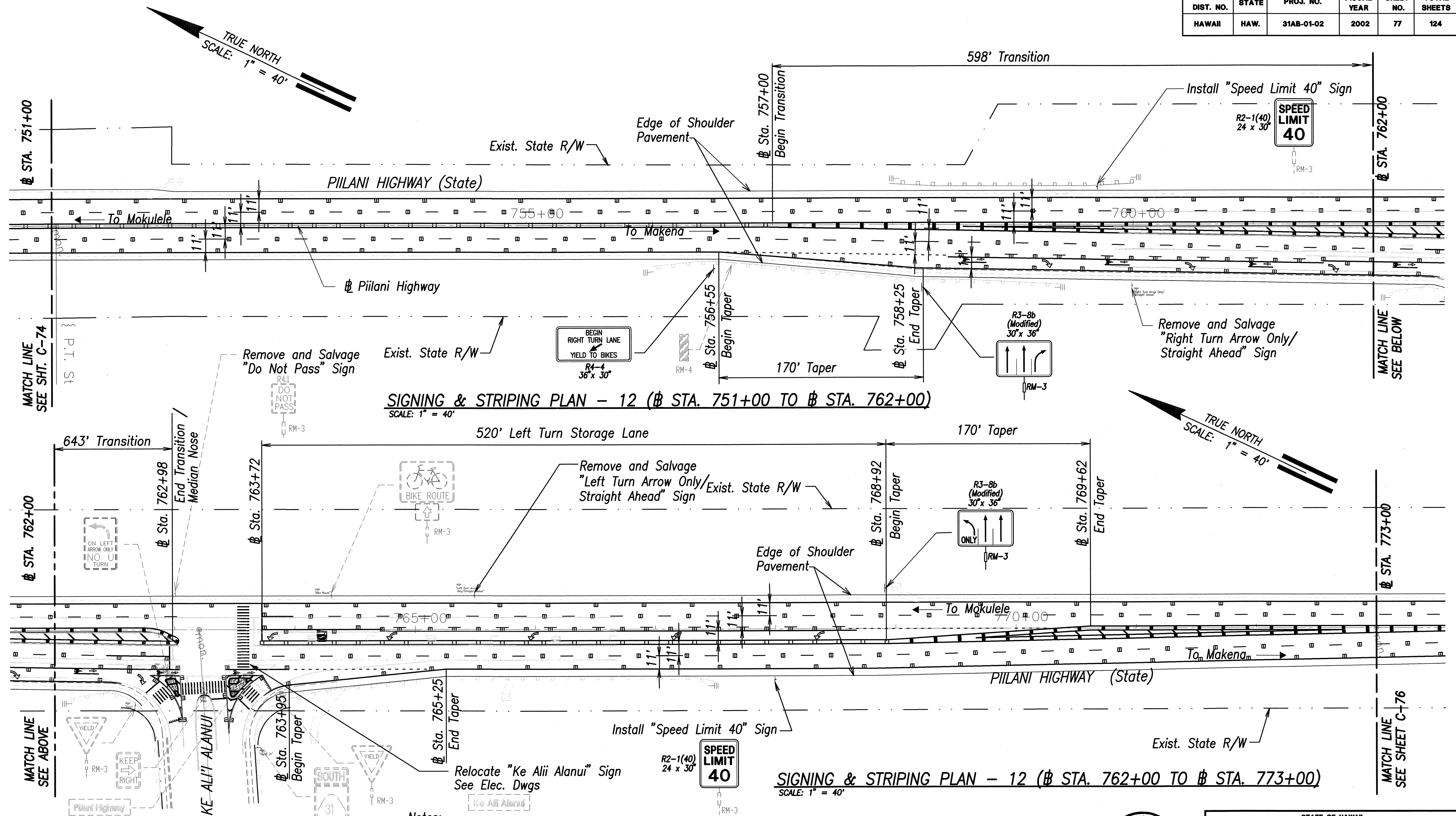


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 SIGNATURE: *[Signature]* DATE: 5/1/02

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNAGE AND STRIPING PLAN-11**  
 (# STA. 729+00 TO # STA. 751+00)  
 PIILANI HIGHWAY INTERIM WIDENING  
 Project No. 31AB-01-02  
 Scale: 1" = 40' Date: May 1, 2002  
 SHEET No.C-74 OF 124 SHEETS

**"AS-BUILT"**

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 77        | 124          |



**SIGNING & STRIPING PLAN - 12 (Sta. 751+00 TO Sta. 762+00)**  
SCALE: 1" = 40'

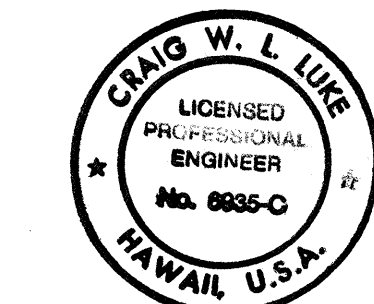
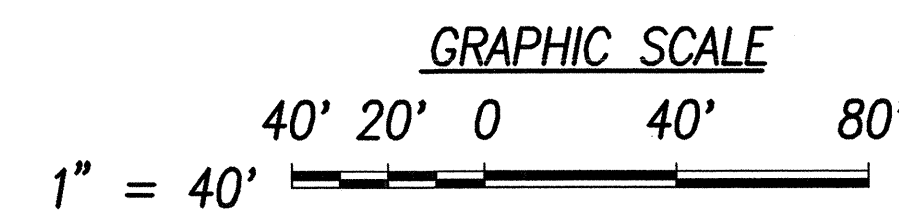
**SIGNING & STRIPING PLAN - 12 (Sta. 762+00 TO Sta. 773+00)**  
SCALE: 1" = 40'

**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

For Striping Detail at Piilani Hwy. and Ke Ali'i Alanui Road Intersection See Sheet C-84

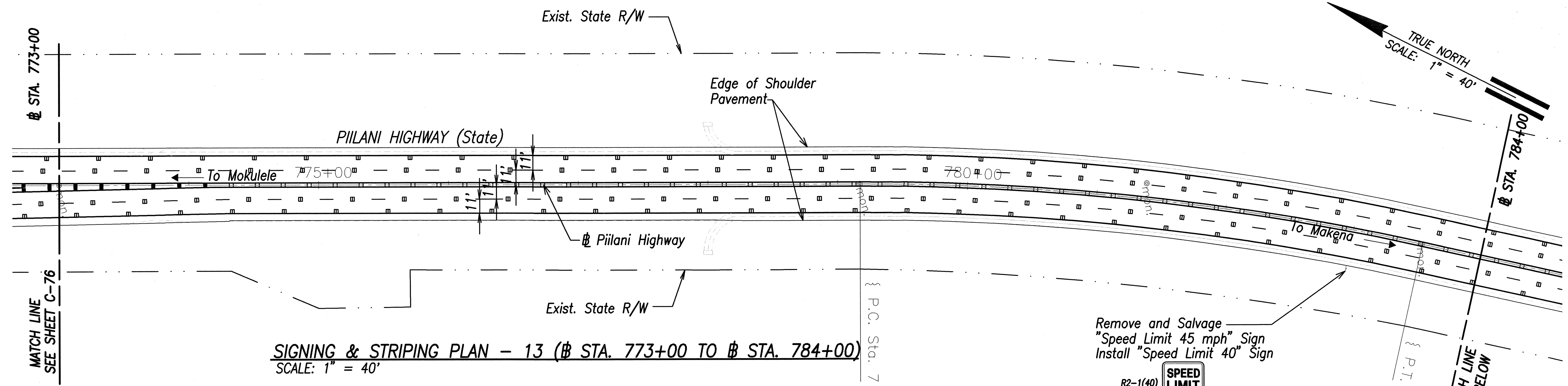
|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| DRAWN BY      |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| NO.           |      |



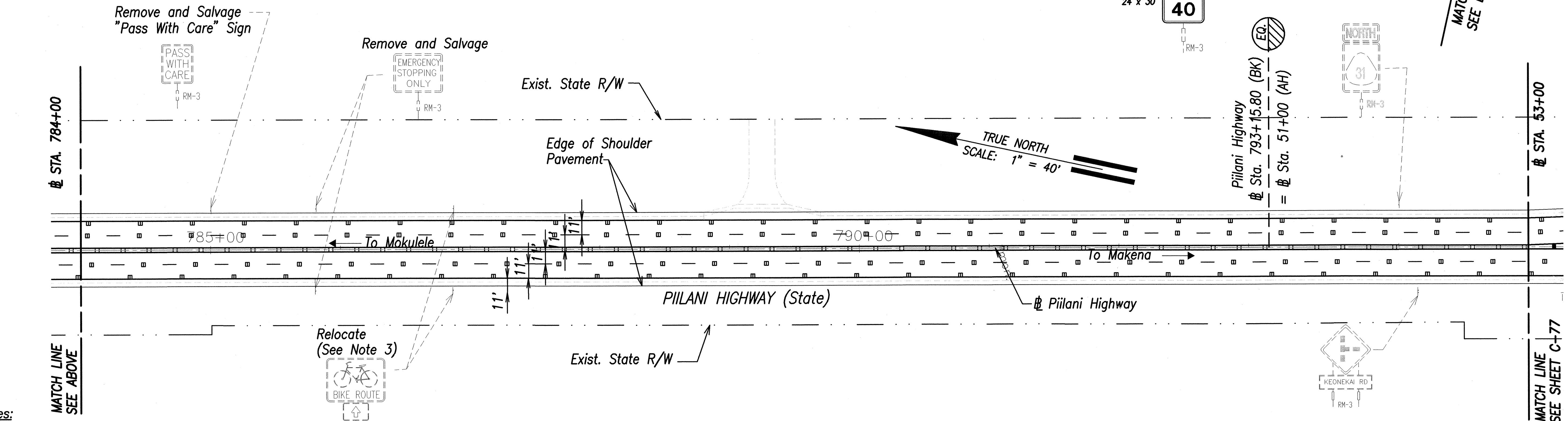
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 SIGNATURE: [Signature] DATE: 5/1/02

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNAGE AND STRIPING PLAN-12**  
 (Sta. 751+00 TO Sta. 773+00)  
 PIILANI HIGHWAY INTERIM WIDENING  
 Project No. 31AB-01-02  
 Scale: 1" = 40' Date: May 1, 2002  
 SHEET No.C-75 OF 124 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 78        | 124          |



**SIGNING & STRIPING PLAN - 13 (STA. 773+00 TO STA. 784+00)**  
SCALE: 1" = 40'

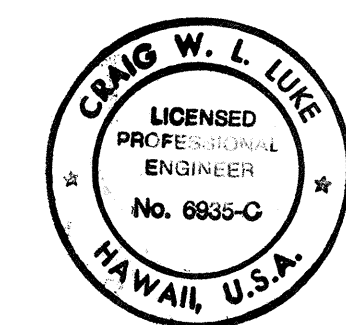
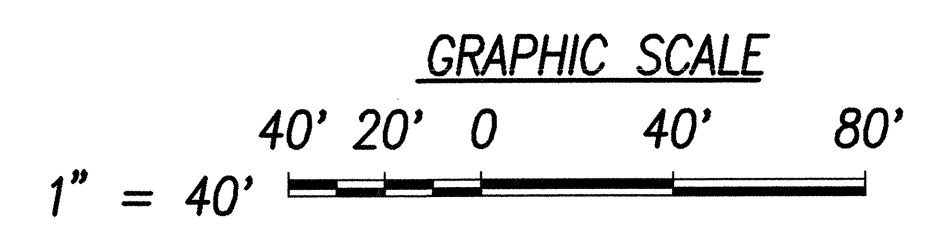


**SIGNING & STRIPING PLAN - 13 (STA. 784+00 TO STA. 53+00)**  
SCALE: 1" = 40'

**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

|              |      |
|--------------|------|
| DESIGNED BY  | DATE |
| DRAWN BY     |      |
| CHECKED BY   |      |
| IN CHARGE    |      |
| PROJECT NO.  |      |
| SHEET NO.    |      |
| TOTAL SHEETS |      |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 SIGNATURE: *[Signature]* DATE: *[Date]*

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

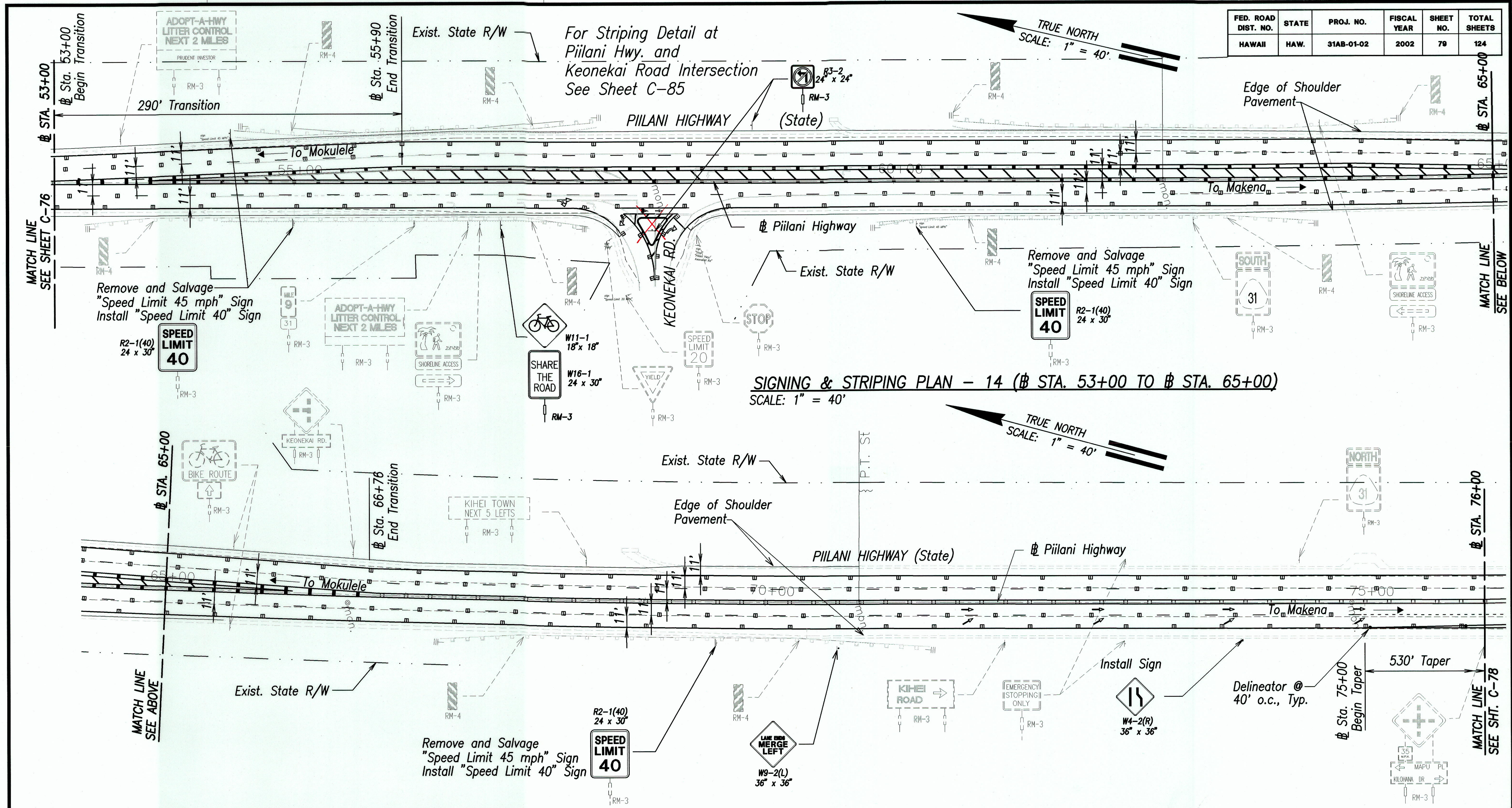
**SIGNAGE AND STRIPING PLAN-13**  
 (STA. 773+00 TO STA. 53+00)

**PIILANI HIGHWAY INTERIM WIDENING**  
 Project No. 31AB-01-02

Scale: 1" = 40' Date: May 1, 2002

SHEET No. C-76 OF 124 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 31AB-01-02 | 2002        | 79        | 124          |



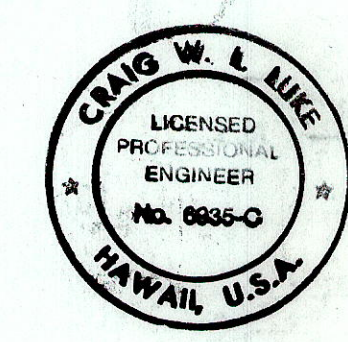
**SIGNING & STRIPING PLAN - 14 (# STA. 53+00 TO # STA. 65+00)**  
SCALE: 1" = 40'

**SIGNING & STRIPING PLAN - 14 (# STA. 65+00 TO # STA. 76+00)**  
SCALE: 1" = 40'

**Notes:**

- Contractor shall remove Stripings, Markings, and Raised Pavt. Markers that conflicts with constructed Stripings, Markings, and Raised Pavt. Markers.
- Contractor shall neatly bundle signs to be removed and salvaged and deliver to the State Dept. of Transportation Highways Division Kahului Baseyard.
- Contractor shall relocate signs and posts to have a minimum of 6' clear from edge of pavement, See Detail Sht. C-87.

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLANNED BY | _____ |
| DRAWN BY          | _____ |
| DESIGNED BY       | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTE BOOK         | _____ |
| No.               | _____ |



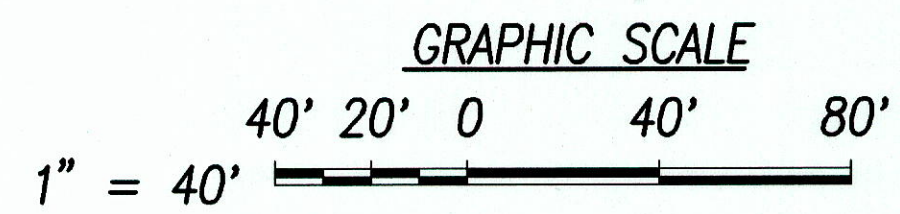
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNAGE AND STRIPING PLAN-14**  
**(# STA. 53+00 TO # STA. 76+00)**

*PIILANI HIGHWAY INTERIM WIDENING*  
Project No. 31AB-01-02

Scale: 1" = 40'      Date: May 1, 2002

SHEET No. C-77 OF 124 SHEETS



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

*[Signature]* 5/1/02  
SIGNATURE      DATE

