

**LEGEND:**

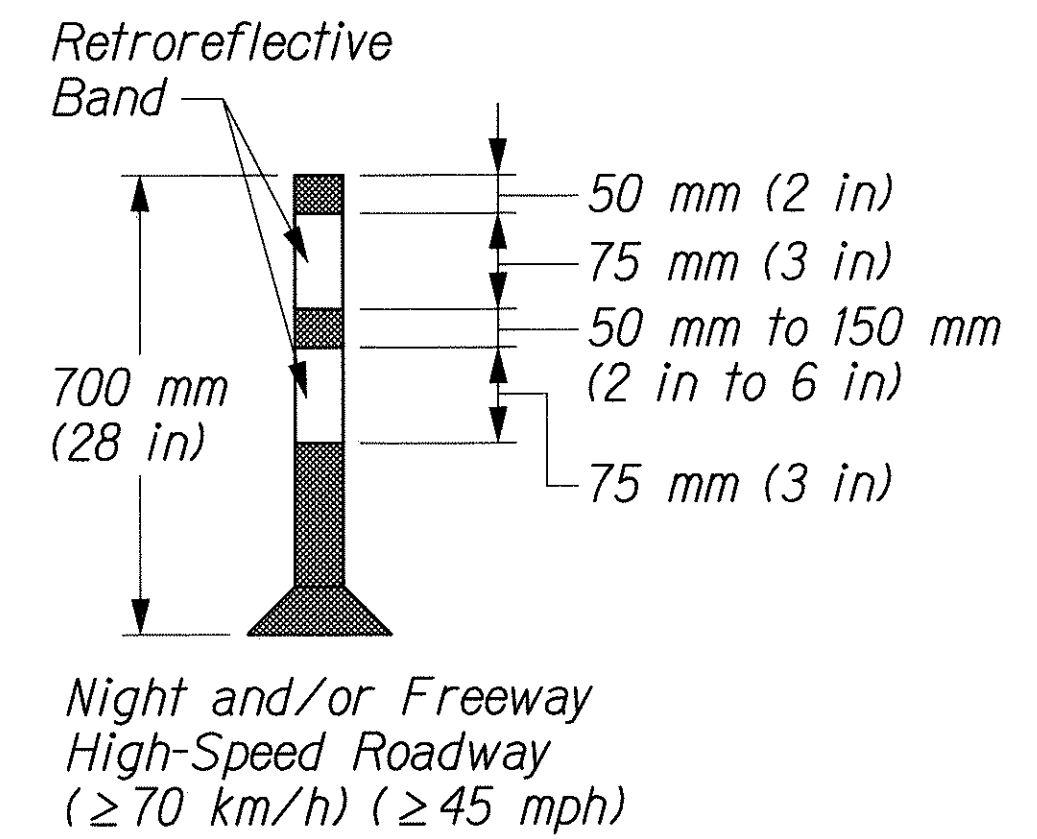
- 4" White Edge Stripe with 4 Type C Markers at 40'
- 4" Yellow Stripe with Type H Markers at 40'
- 4 Type A Markers and Type C Markers at 40'
- 4" White Stripe, with 4 Type A Markers at 40' and Type C Markers at 20'
- 8" White Stripe with Type C Markers at 20'
- 4" or 6" White Guide Lines, 2' long at 6' o.c.
- New or Relocated Sign & Post
- Existing Sign & Post
- Direction of Traffic
- Existing Pavement Arrow
- 12" Stop Bar
- Crosswalk and 12" Stop Bar
- Transverse Median Marking See Standard Plan TE-31
- Pavement Arrow
- Pavement Word
- Channelizing Island
- Transverse Right Shoulder Marking

**ABBREVIATIONS:**

RM Reflector Markers

**SIGN LEGEND:**

Sign  
 \*-\* Sign Reference Number



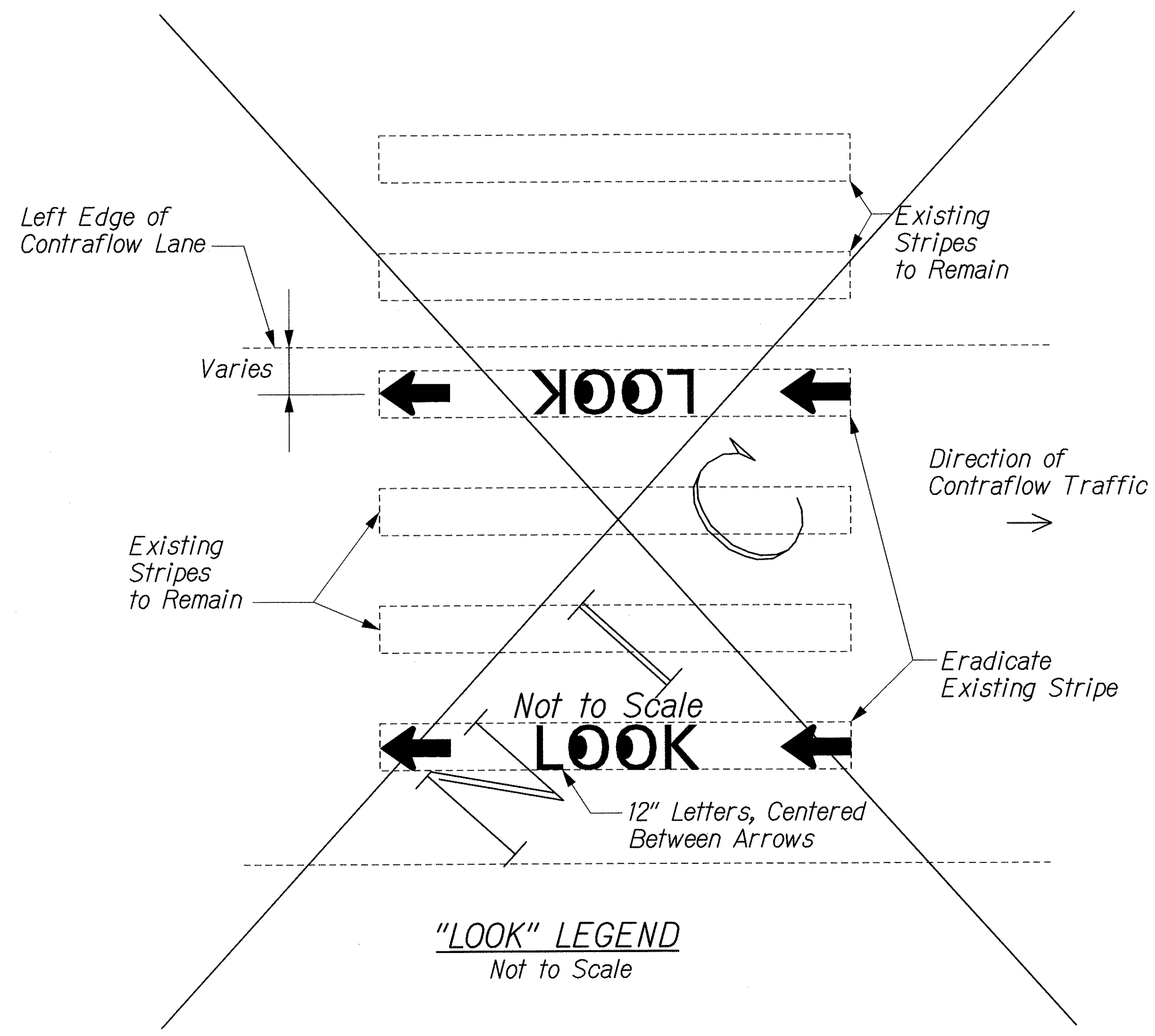
**TUBULAR DELINEATOR**  
 Not to Scale

**SIGNING NOTES:**

- Sign details shall conform to the latest editions and amendments of the following FHWA publications: "Manual on Uniform Traffic Control Devices for Streets and Highways", "Standard Highway Signs" and "Standard Alphabets for Highway Signs".
- For Miscellaneous Sign Details, see Standard Plan TE-01 to TE-18.
- The Contractor shall backfill all holes, depressions and pits left by the removal of the existing signs with embankment material and grass all areas exposed in accordance with Specifications Section 618-Grassed Surfaces.
- All existing signs shall remain unless noted. Removal of signs shall also include the removal of post and foundation to a minimum depth of 1-foot below the ground. Payment for the removal of signs shall be considered incidental to the various contract items.

**PAVEMENT MARKING NOTES:**

- Pavement edge striping shall be reflective thermoplastic compound pavement markings or permanent preformed pavement marking tape Type II. Lane striping shall be reflective thermoplastic compound pavement markings or permanent preformed pavement marking tape Type I. Symbols, legends and intersection markings shall be reflective thermoplastic compound pavement markings or permanent preformed pavement marking tape Type III.
- Location of pavement markers is shown schematically. For exact location of markers in relation to stripe, see Standard Plans TE-30, TE-31, TE-32 & TE-33.



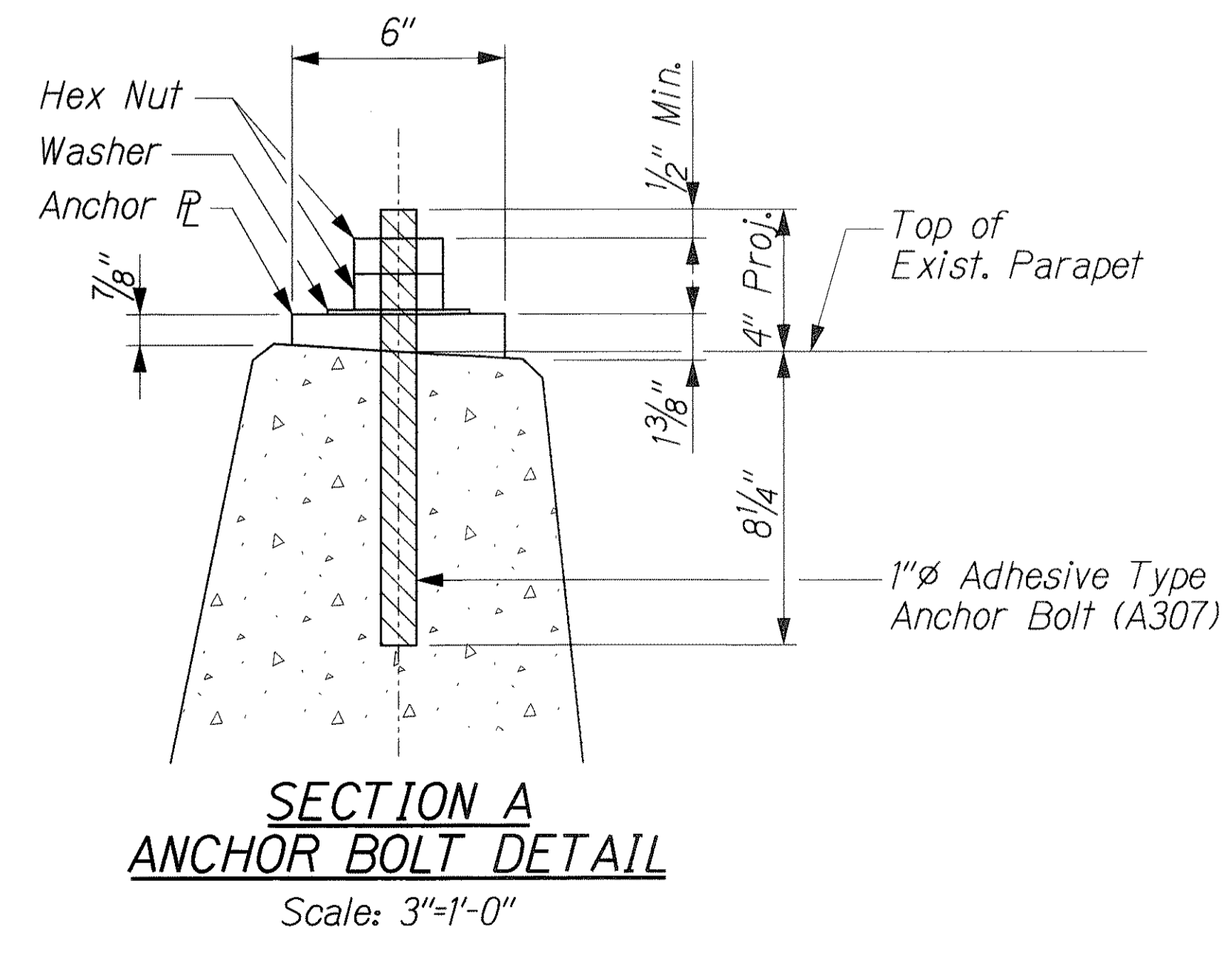
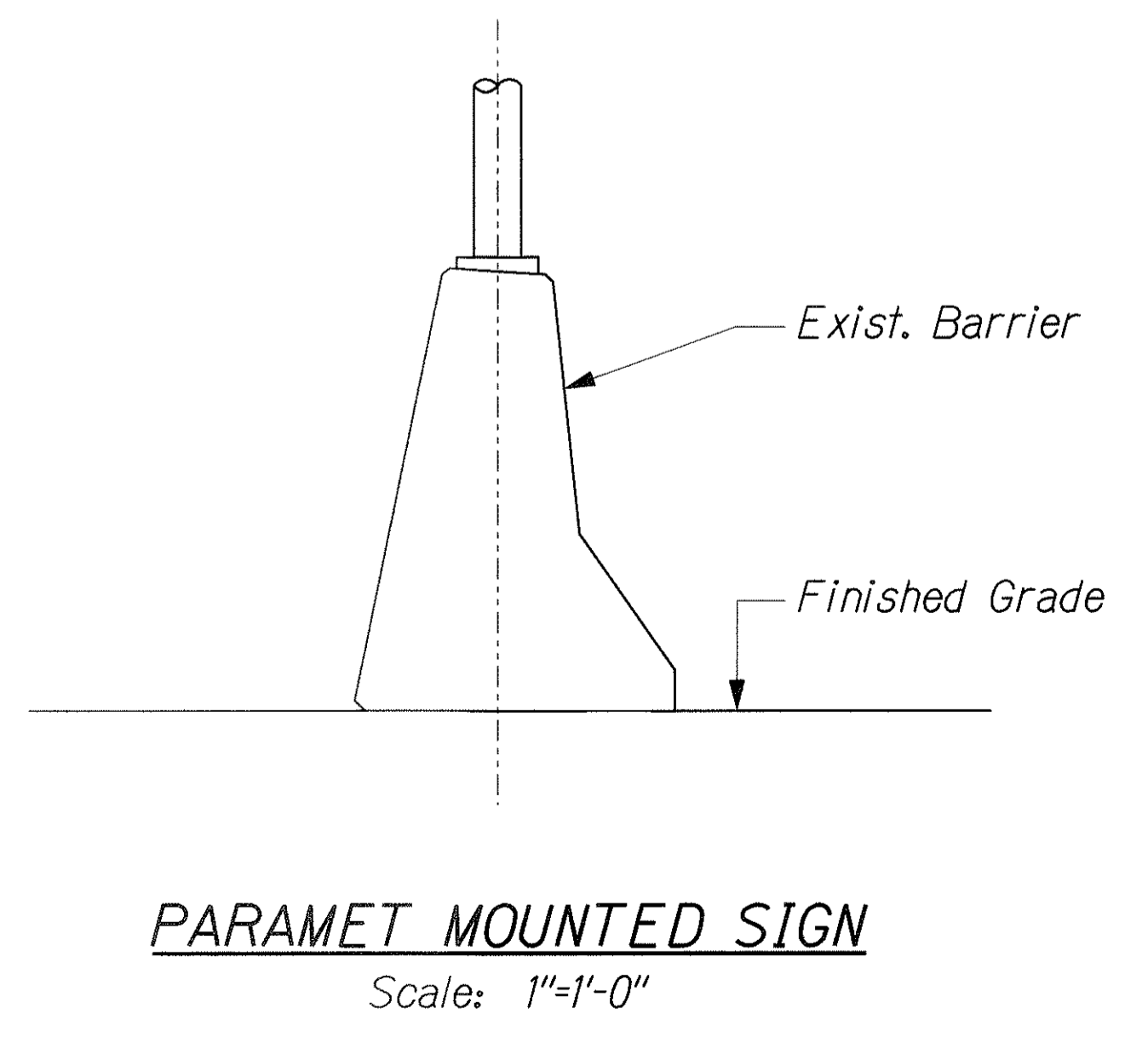
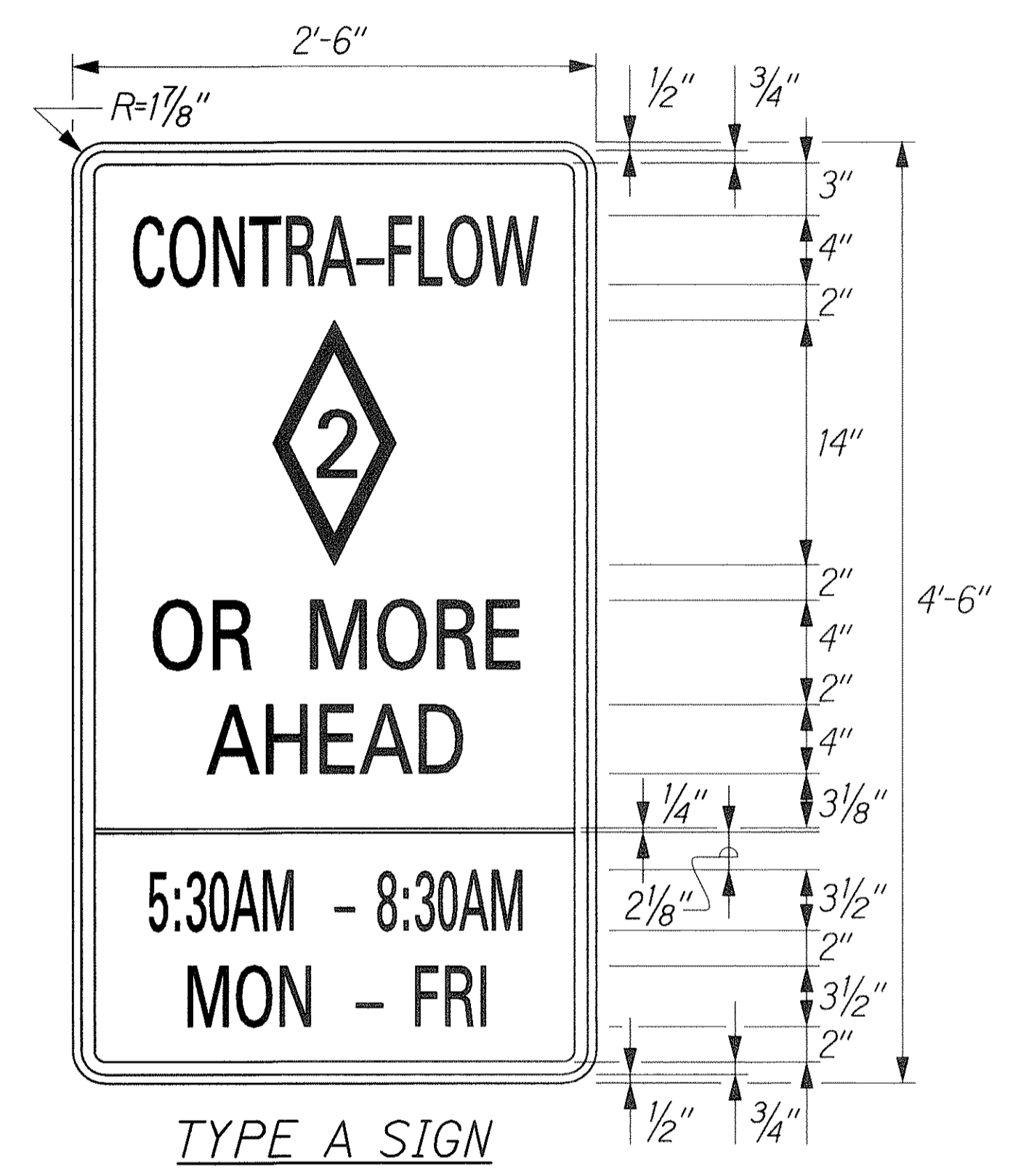
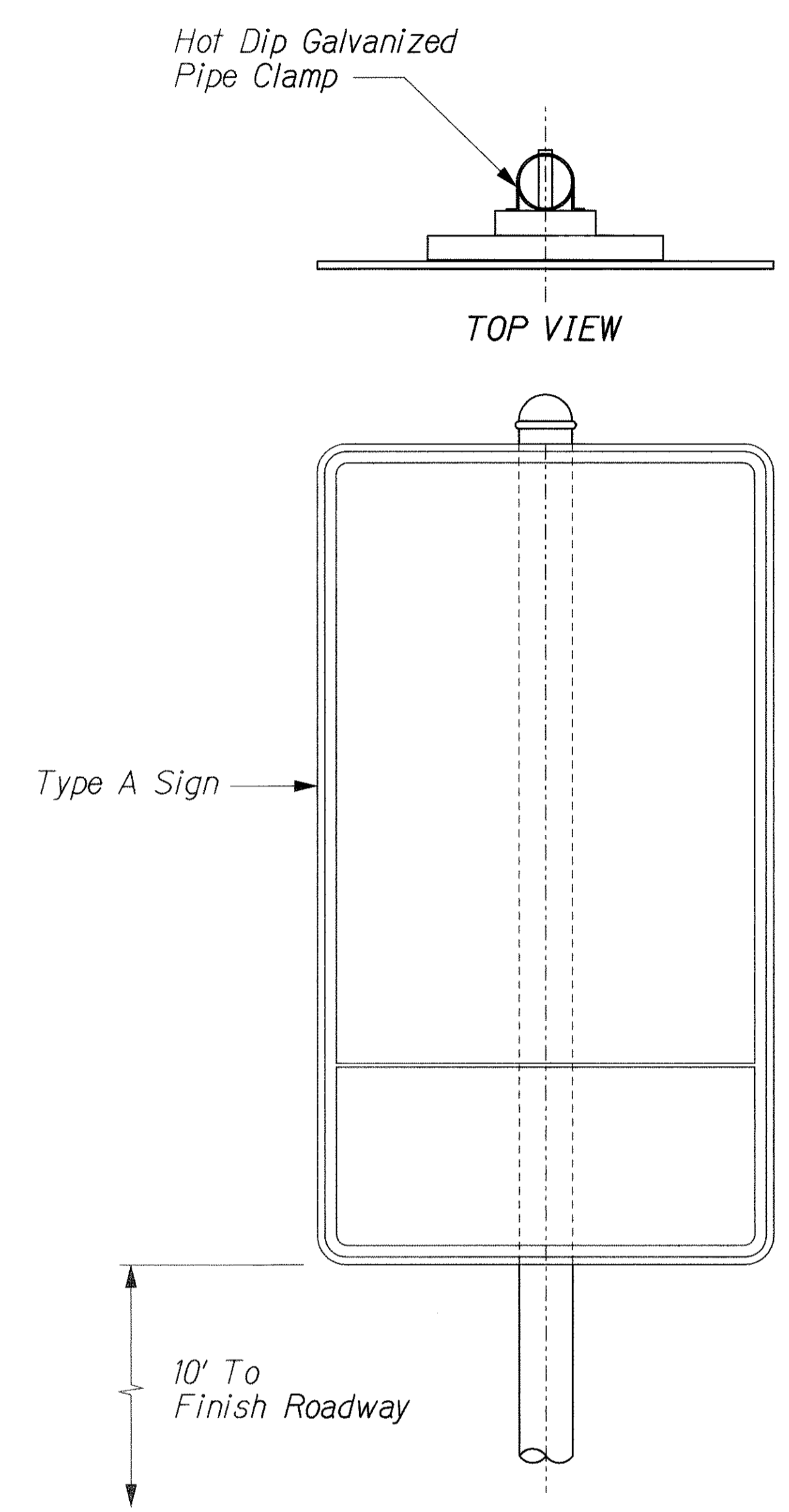
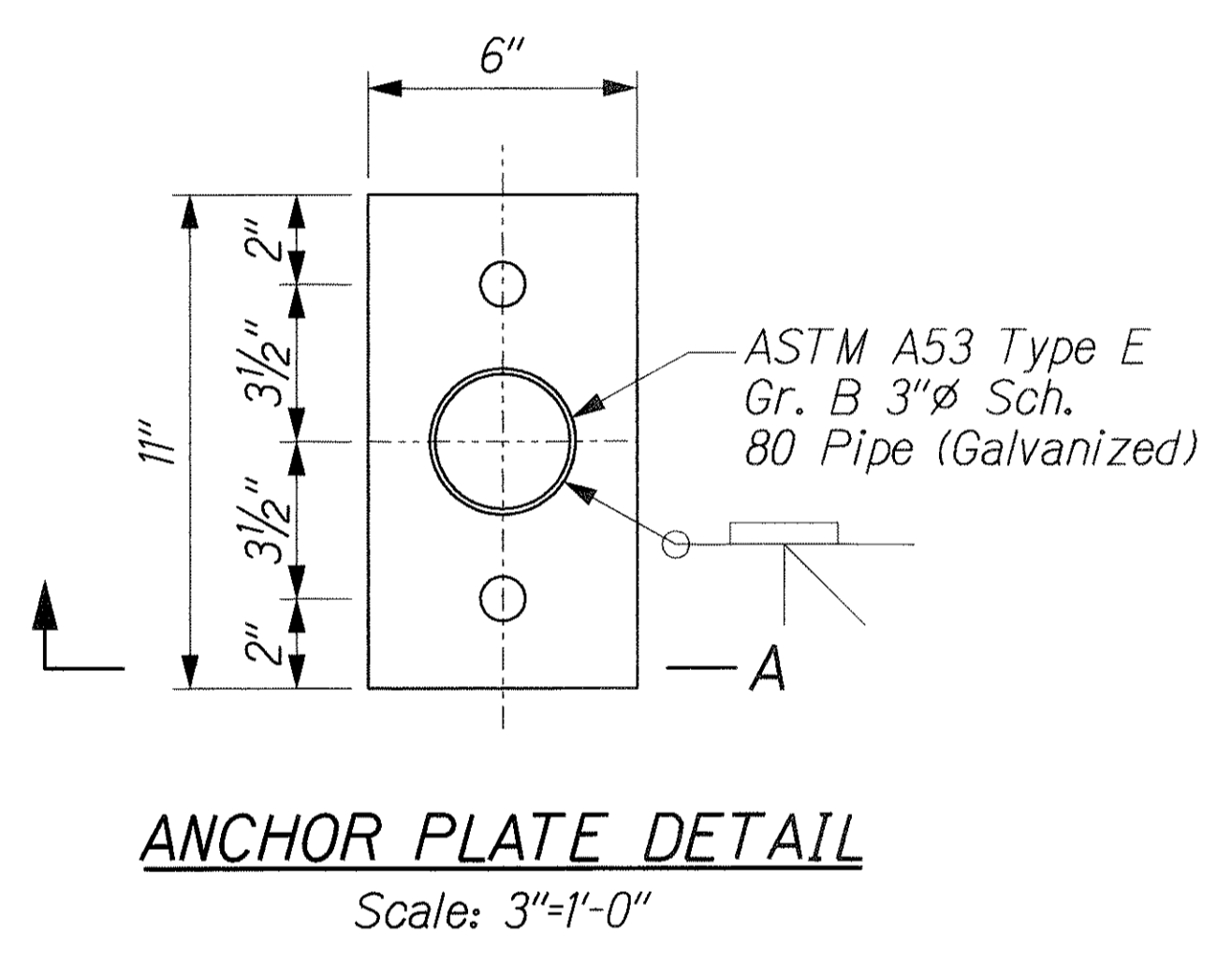
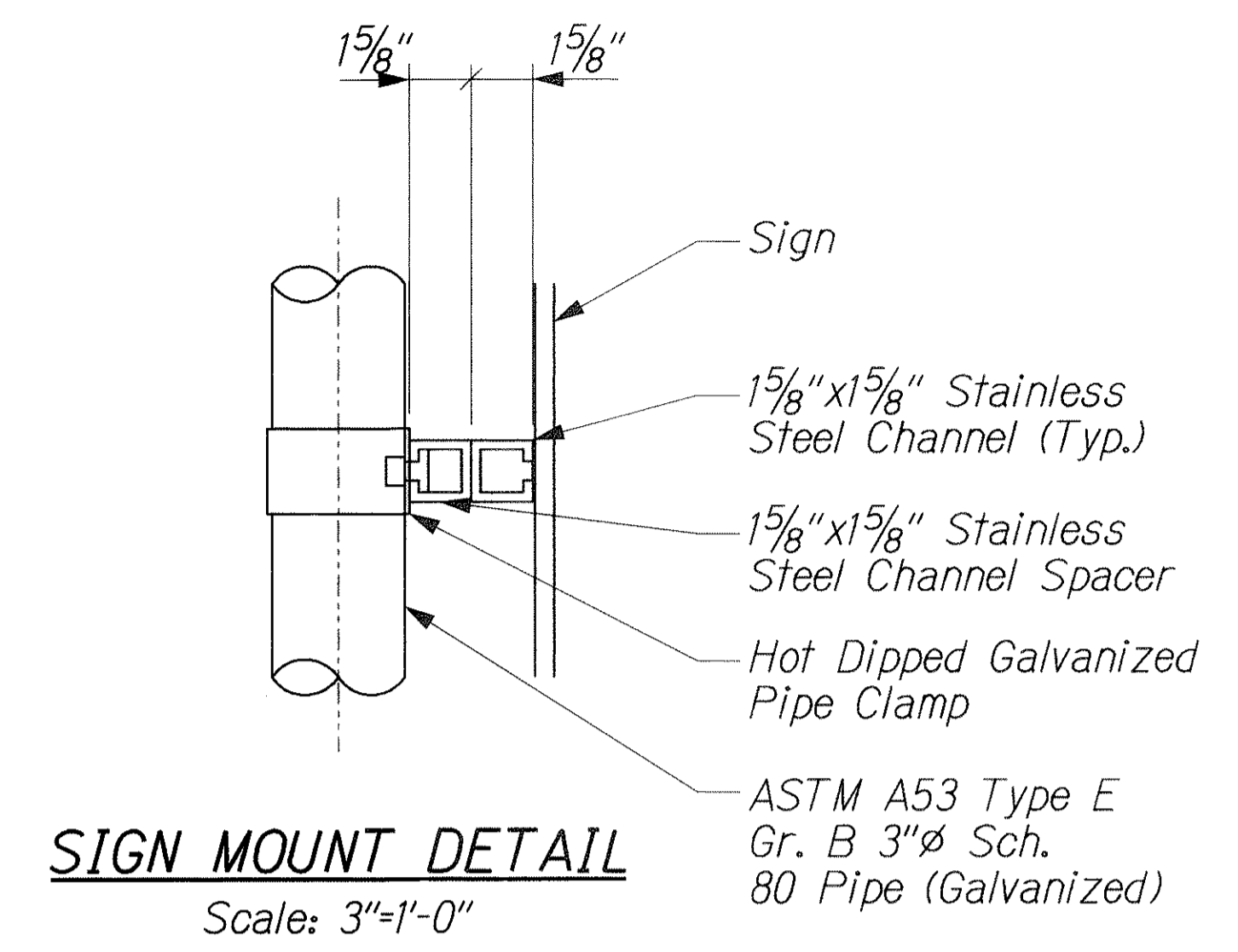
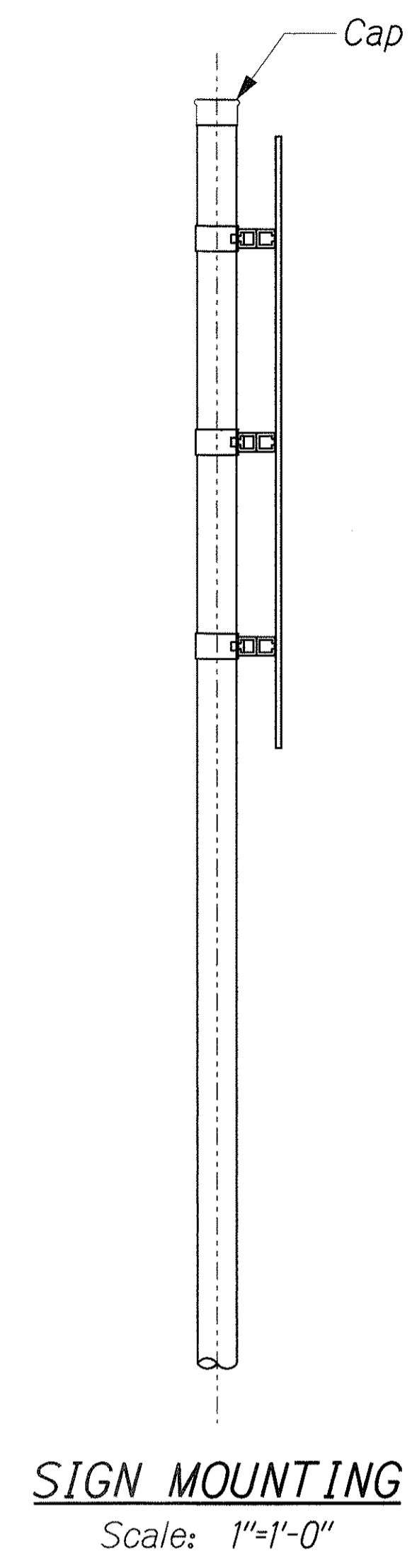
**"LOOK" LEGEND**  
 Not to Scale

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

J:\NIMITZ\_CF\SIGN\SS-NOTES.dgn

|  |   |
|--|---|
|  | STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION                        |
|  | <b>SIGNING AND PAVEMENT MARKINGS</b><br><b>NOTES, LEGEND &amp; DETAILS</b>                  |
|  | NIMITZ HIGHWAY IMPROVEMENTS<br>KEEHI INTERCHANGE TO PACIFIC STREET<br>PROJECT NO. 92A-01-03 |
|  | Scale: None Date: March 2, 2003   |

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | 51        | 69           |



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

PERRY M. SMALL  
LICENSED PROFESSIONAL ENGINEER  
No. 8627-C  
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

*Perry M. Small*

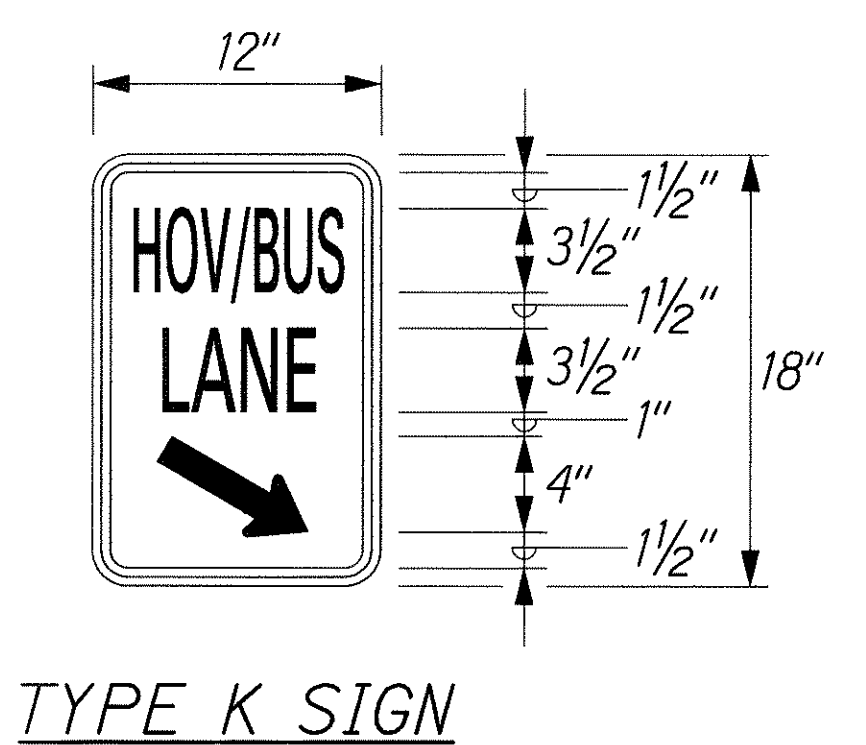
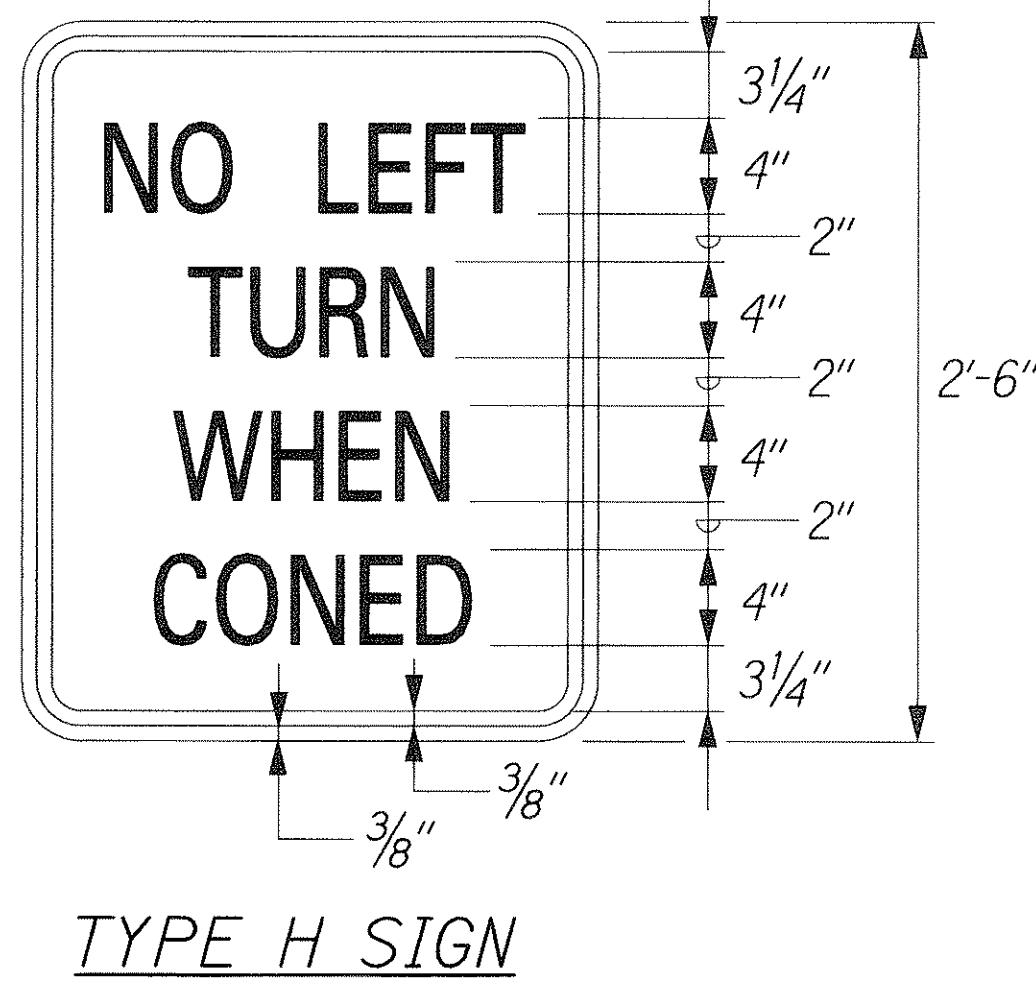
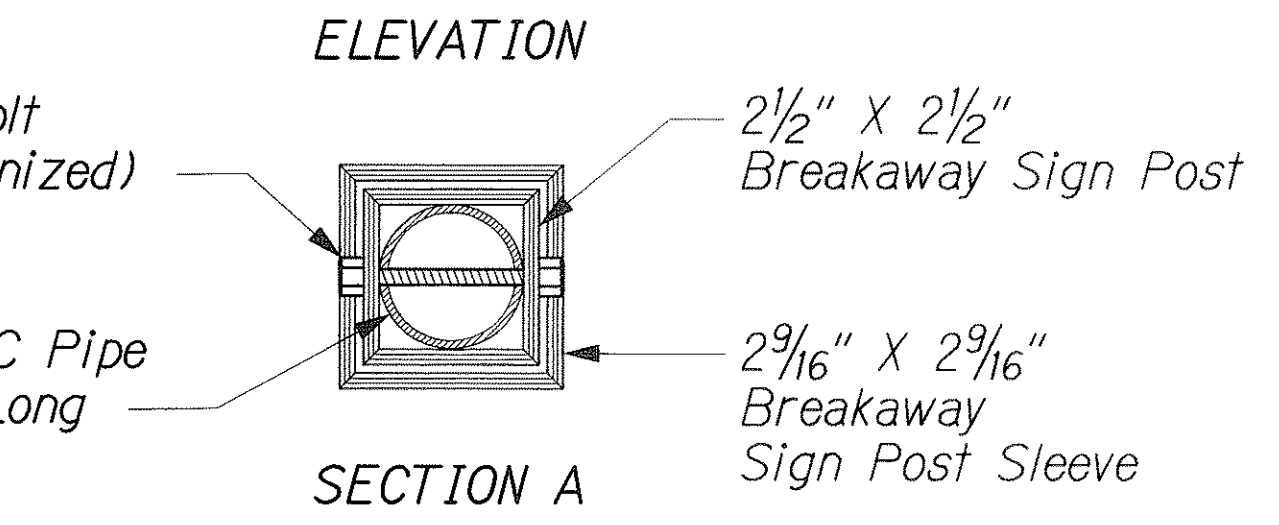
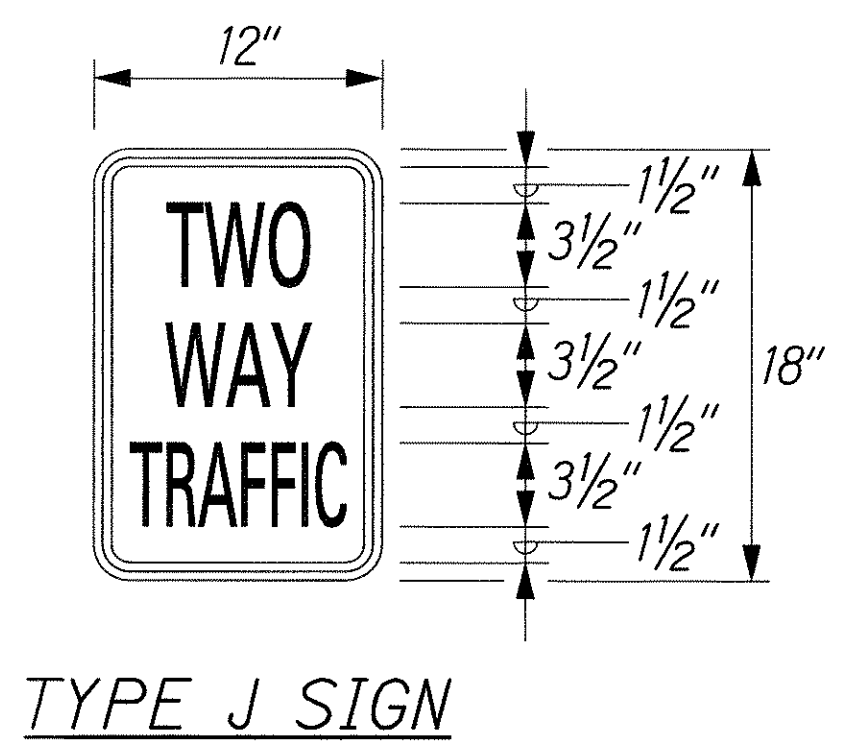
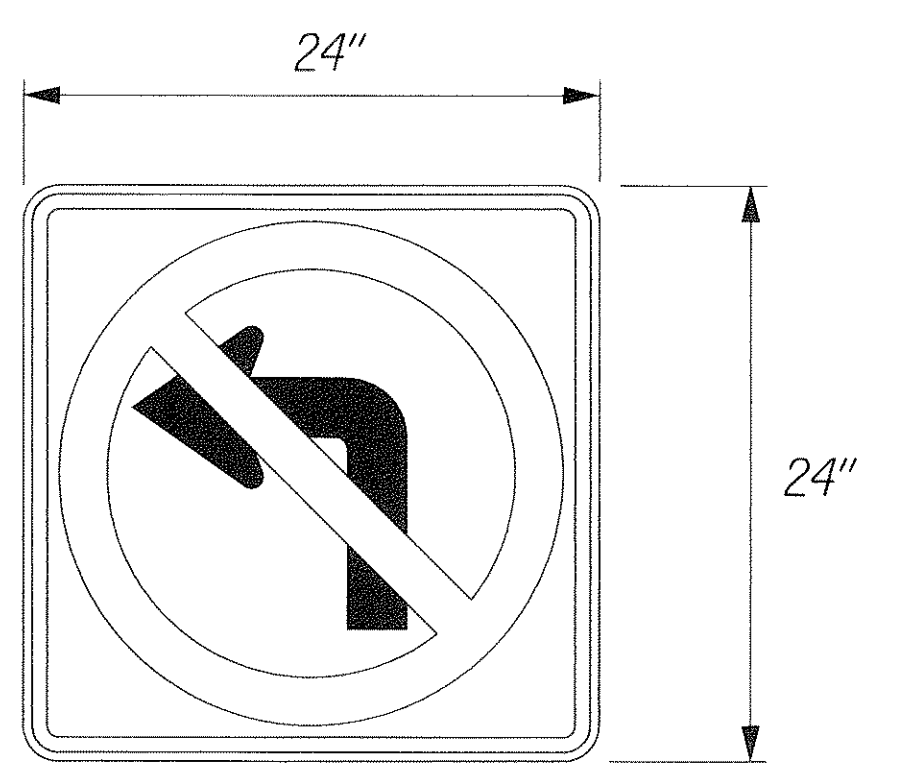
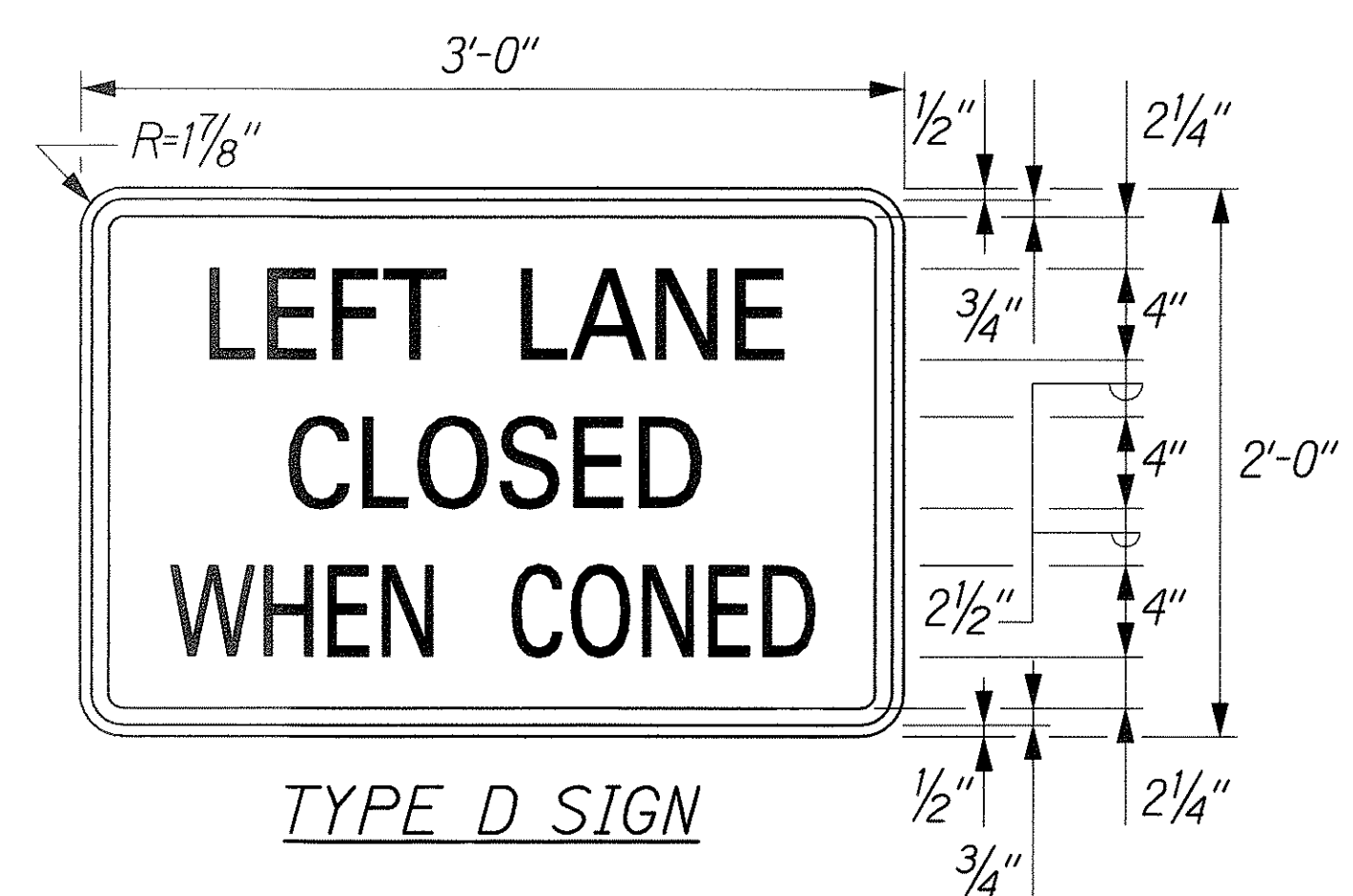
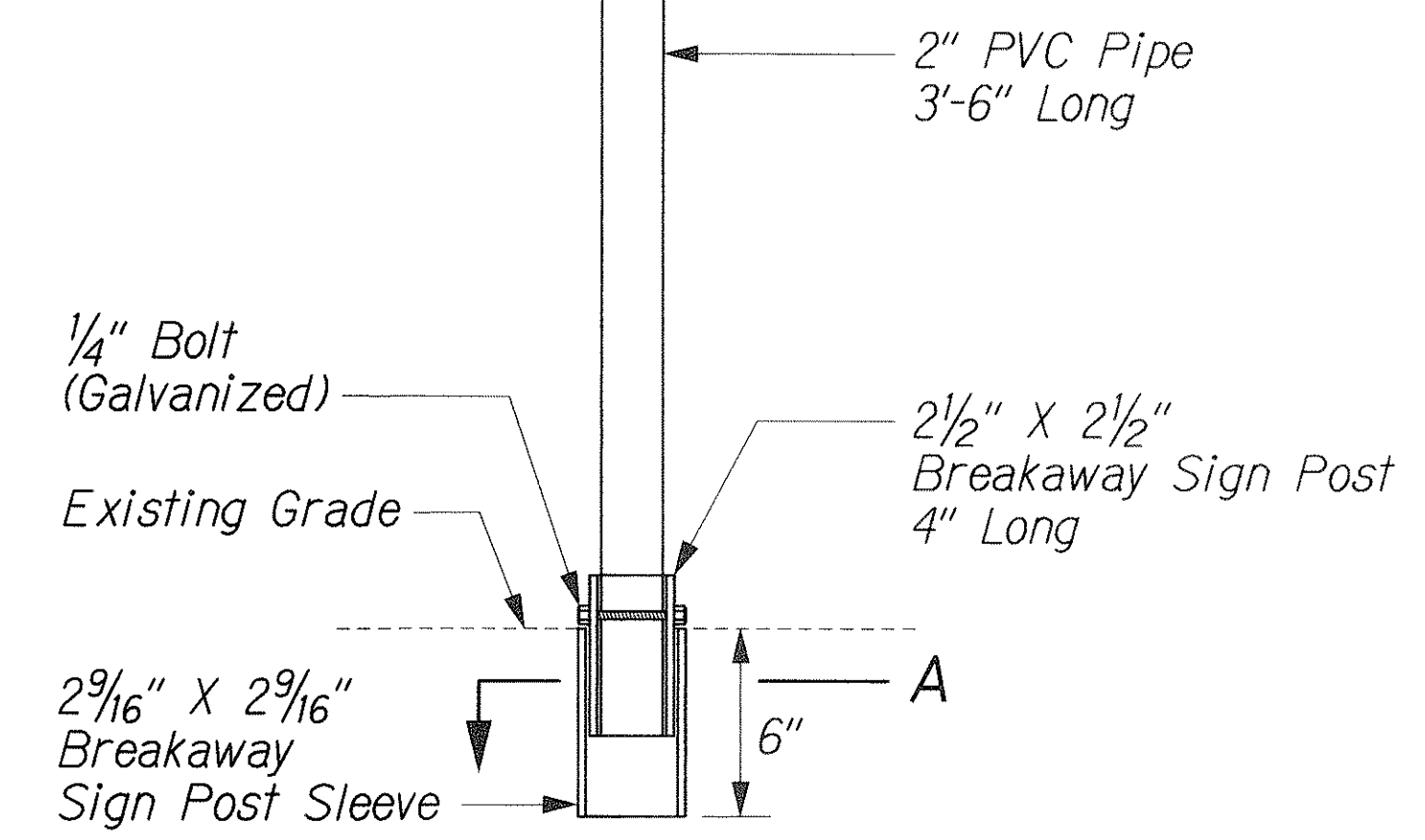
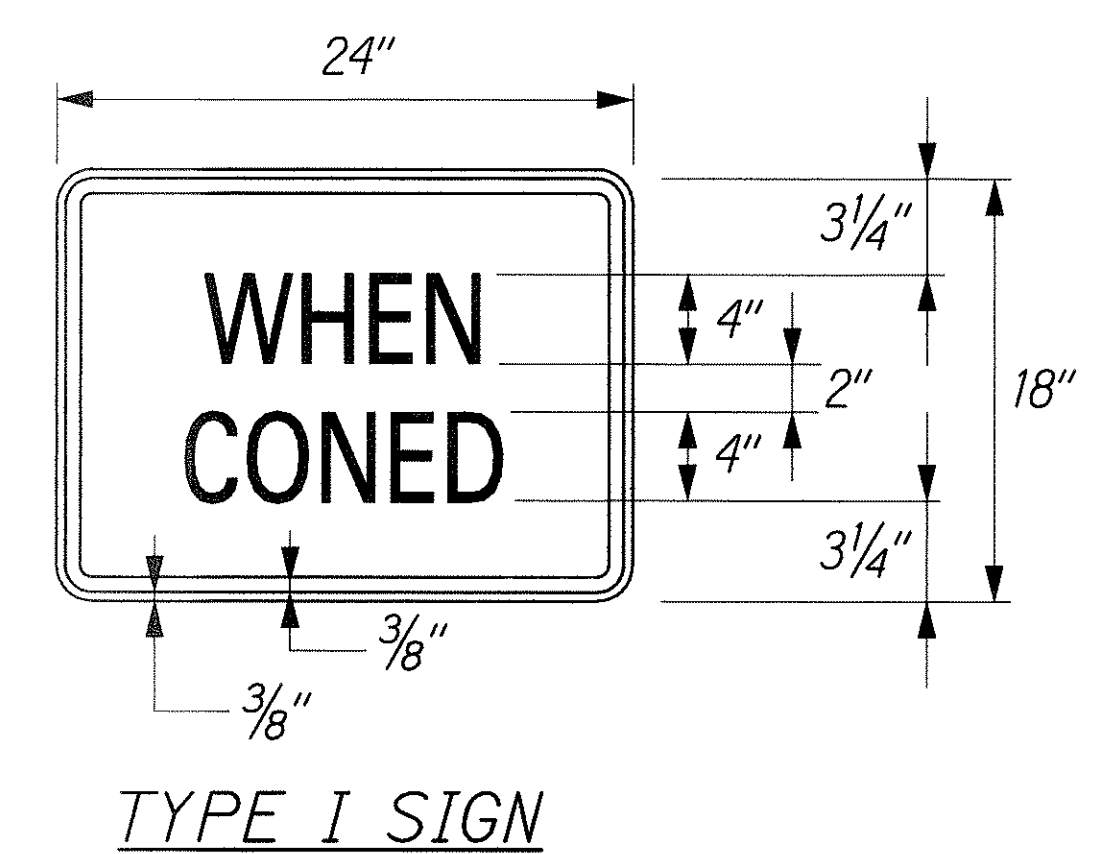
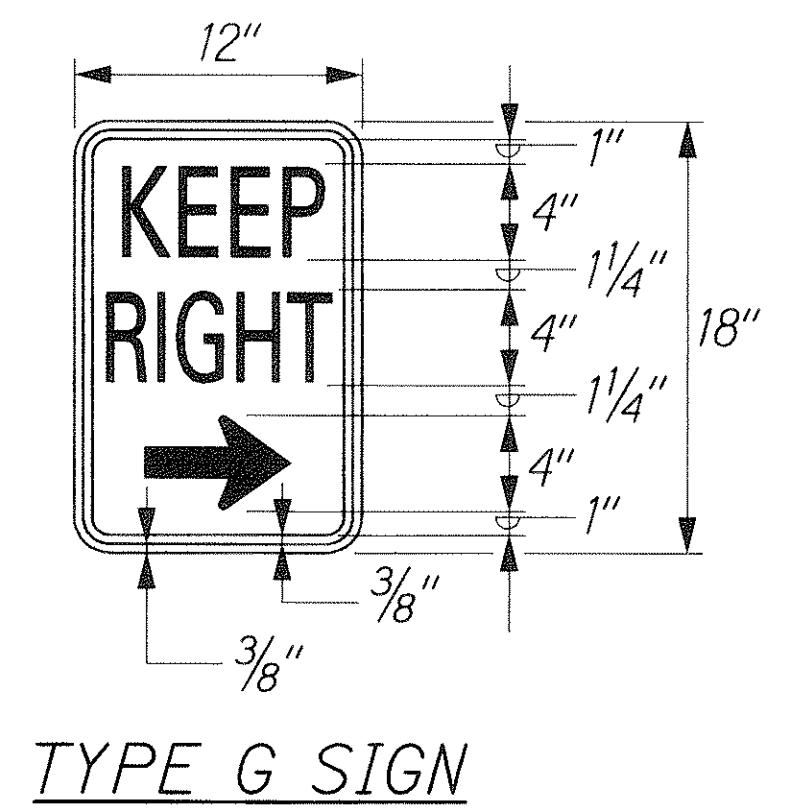
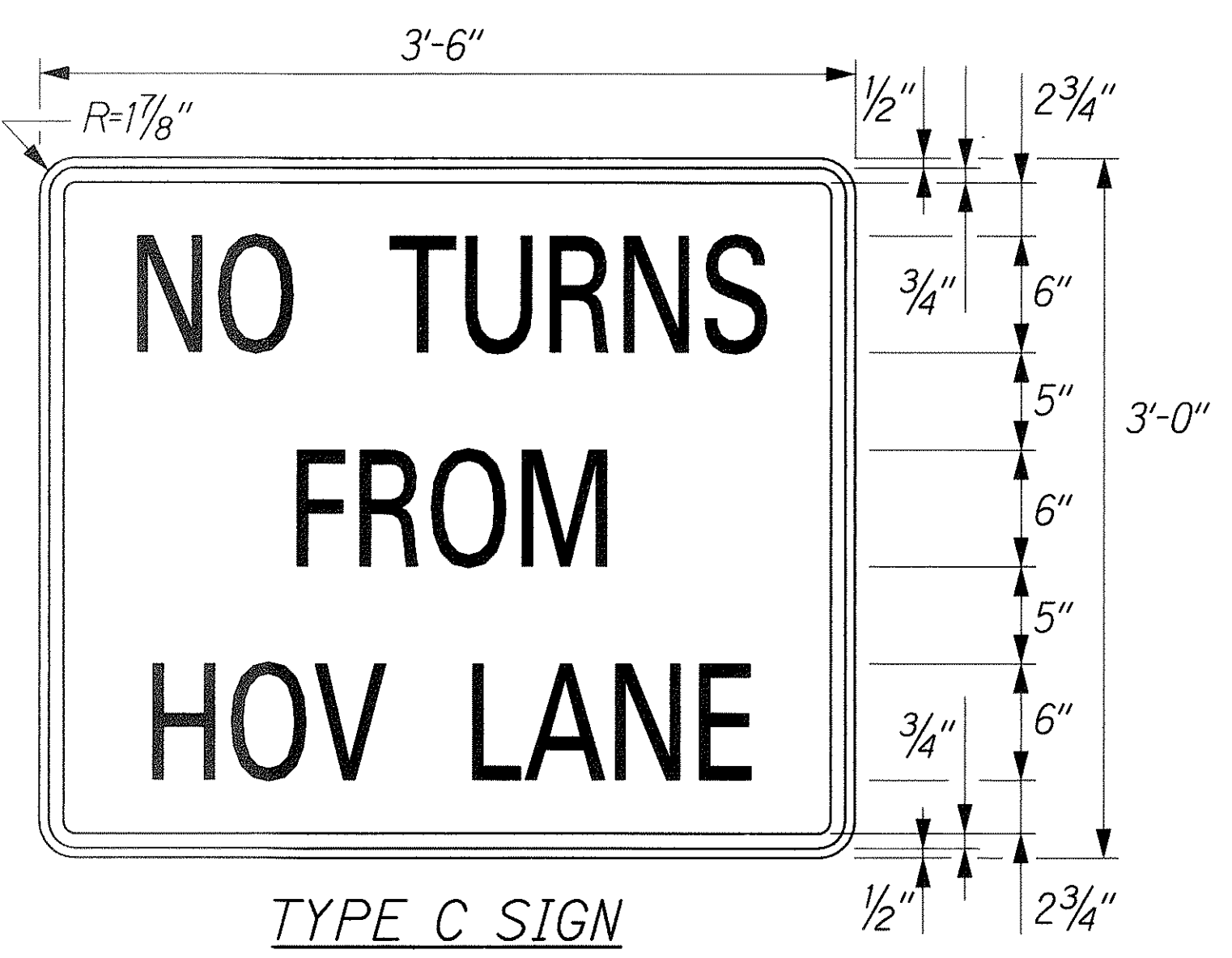
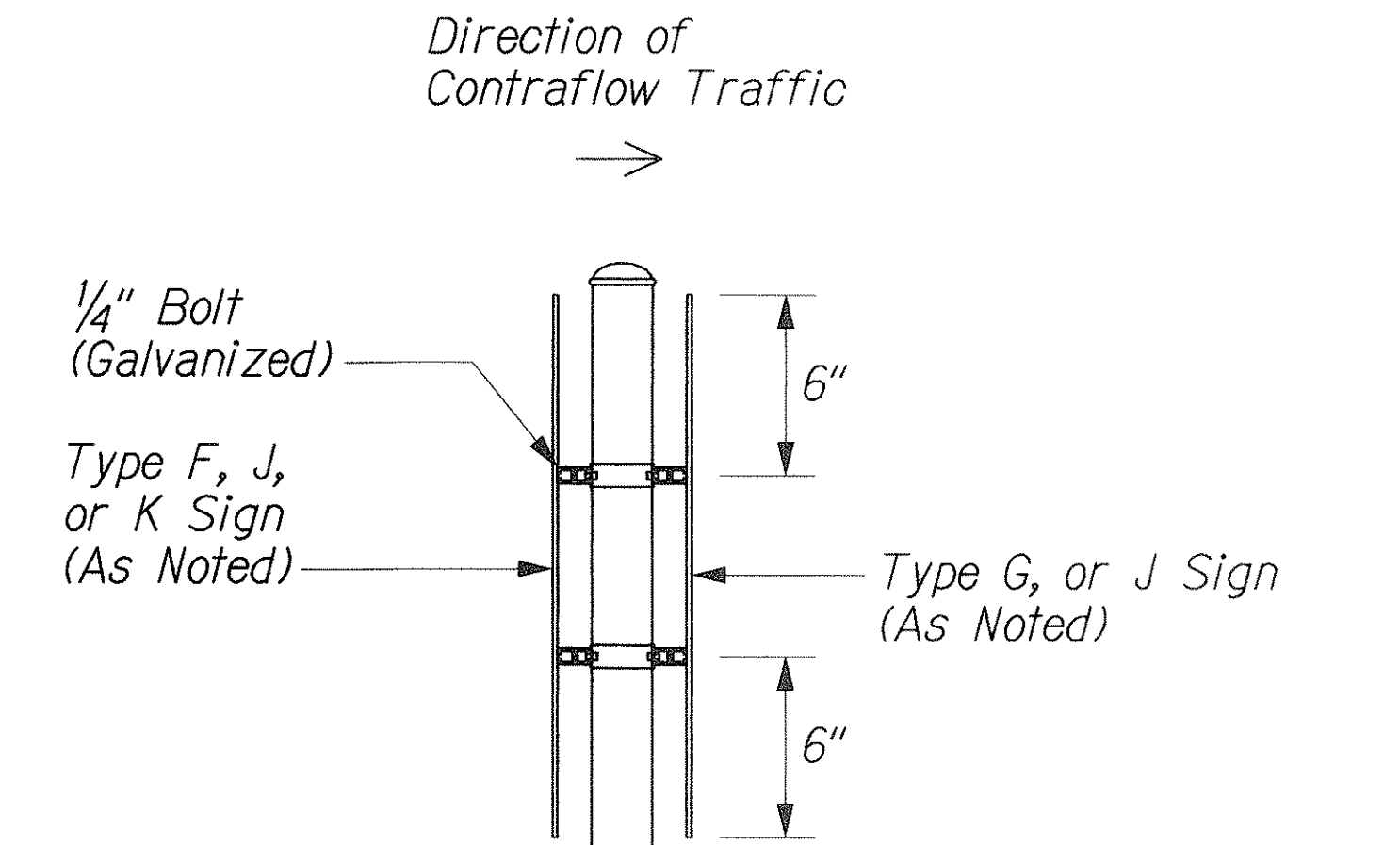
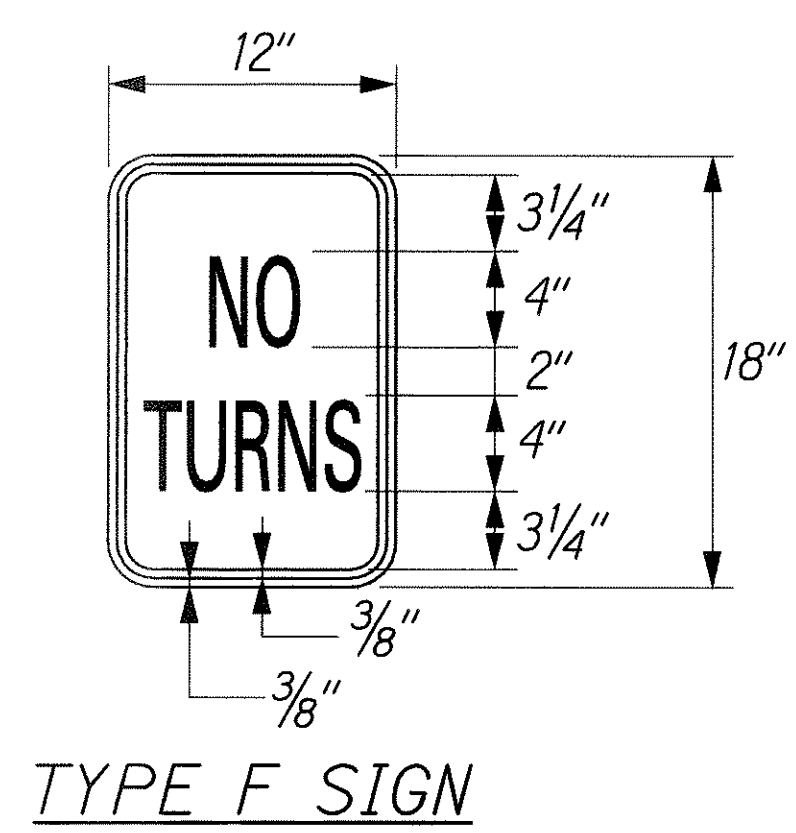
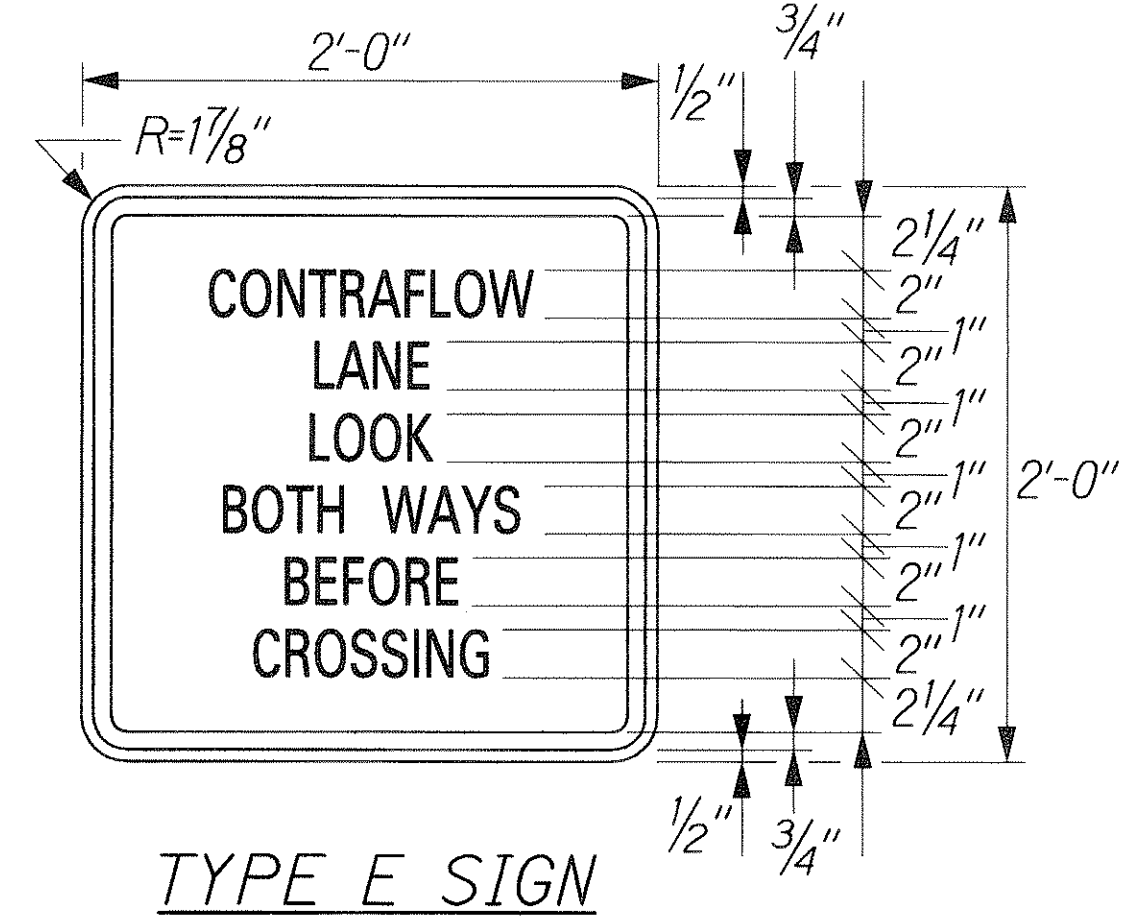
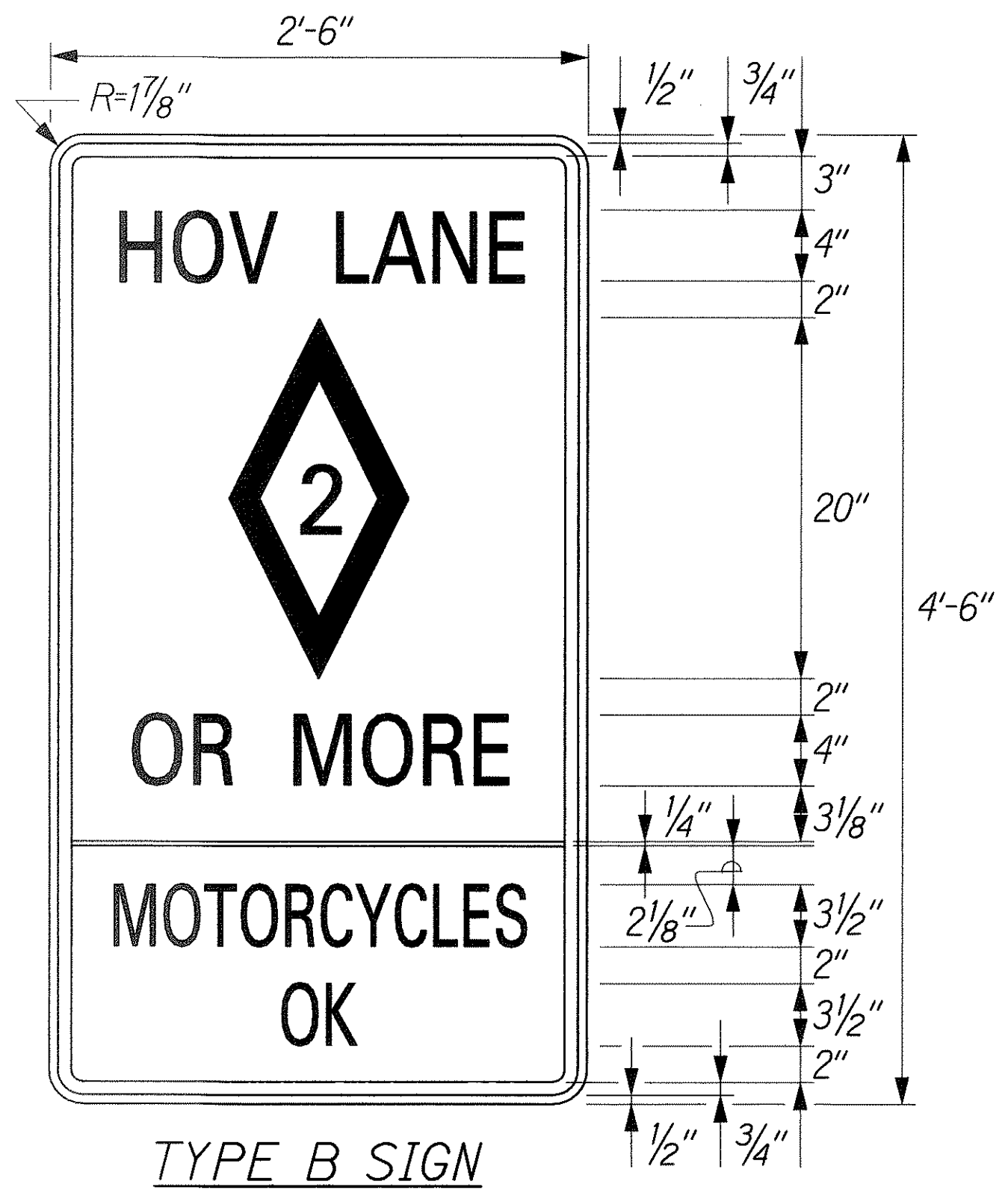
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PARAPET MOUNTED TYPE A SIGN DETAILS**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: As Noted Date: March 2, 2003

SHEET No. P2 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | ADD. 52   | 70           |

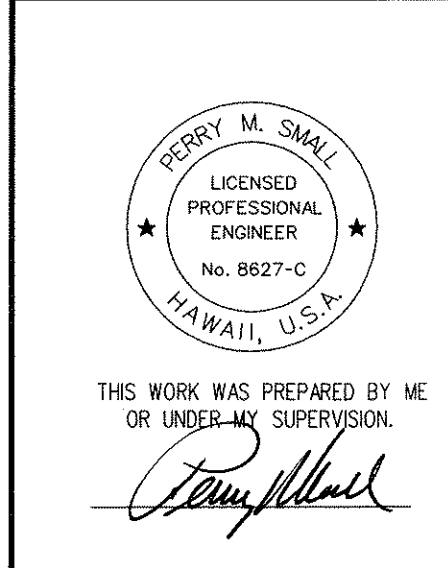


**DROP-IN SIGN DETAIL**  
Not to Scale

| Date    | Revision                       |
|---------|--------------------------------|
| 4/08/03 | Revised Notes, Added New Signs |

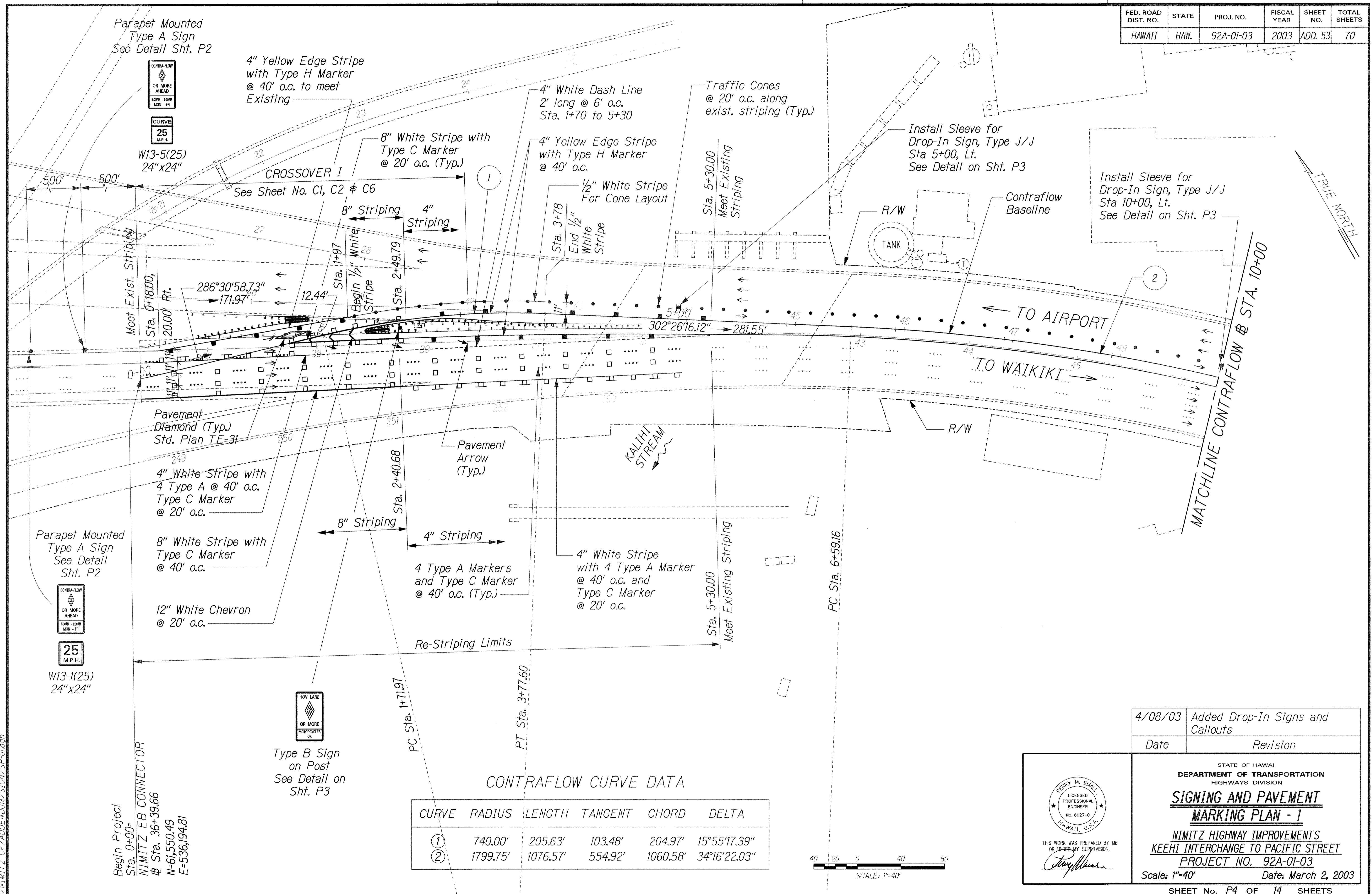
DESIGNED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 QUANTITIES BY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 ORIGINAL PLAN \_\_\_\_\_

NIMITZ, CE/ADDENDUM/SIGN/SS-DET/Sign



STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING DETAILS**  
 NIMITZ HIGHWAY IMPROVEMENTS  
 KEEHI INTERCHANGE TO PACIFIC STREET  
 PROJECT NO. 92A-01-03  
 Scale: None Date: March 2, 2003

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | ADD. 53   | 70           |



Parapet Mounted  
Type A Sign  
See Detail Sht. P2

4" Yellow Edge Stripe  
with Type H Marker  
@ 40' o.c. to meet  
Existing

4" White Dash Line  
2' long @ 6' o.c.  
Sta. 1+70 to 5+30

Traffic Cones  
@ 20' o.c. along  
exist. striping (Typ.)

Install Sleeve for  
Drop-In Sign, Type J/J  
Sta 5+00, Lt.  
See Detail on Sht. P3

Install Sleeve for  
Drop-In Sign, Type J/J  
Sta 10+00, Lt.  
See Detail on Sht. P3

Pavement  
Diamond (Typ.)  
Std. Plan TE-31

4" White Stripe with  
4 Type A @ 40' o.c.  
Type C Marker  
@ 20' o.c.

Parapet Mounted  
Type A Sign  
See Detail  
Sht. P2

8" White Stripe with  
Type C Marker  
@ 40' o.c.

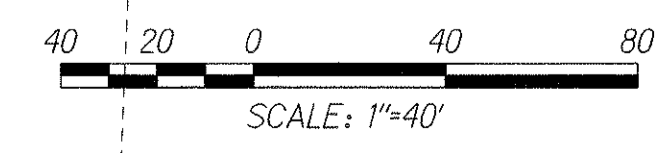
12" White Chevron  
@ 20' o.c.

Re-Striping Limits

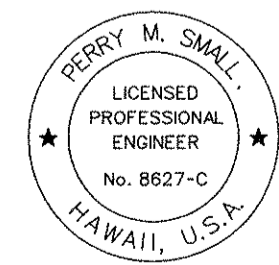
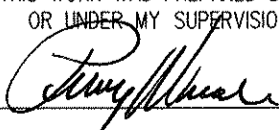
4" White Stripe  
with 4 Type A Marker  
@ 40' o.c. and  
Type C Marker  
@ 20' o.c.

CONTRAFLOW CURVE DATA

| CURVE | RADIUS   | LENGTH   | TANGENT | CHORD    | DELTA        |
|-------|----------|----------|---------|----------|--------------|
| ①     | 740.00'  | 205.63'  | 103.48' | 204.97'  | 15°55'17.39" |
| ②     | 1799.75' | 1076.57' | 554.92' | 1060.58' | 34°16'22.03" |



|         |                                  |
|---------|----------------------------------|
| 4/08/03 | Added Drop-In Signs and Callouts |
| Date    | Revision                         |

  
 THIS WORK WAS PREPARED BY ME  
 OR UNDER MY SUPERVISION.  


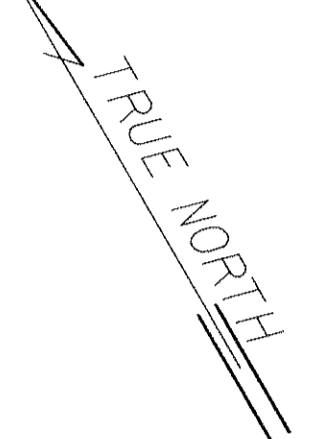
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT**  
**MARKING PLAN - 1**  
 NIMITZ HIGHWAY IMPROVEMENTS  
 KEEHI INTERCHANGE TO PACIFIC STREET  
 PROJECT NO. 92A-01-03  
 Scale: 1"=40' Date: March 2, 2003  
 SHEET No. P4 OF 14 SHEETS

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

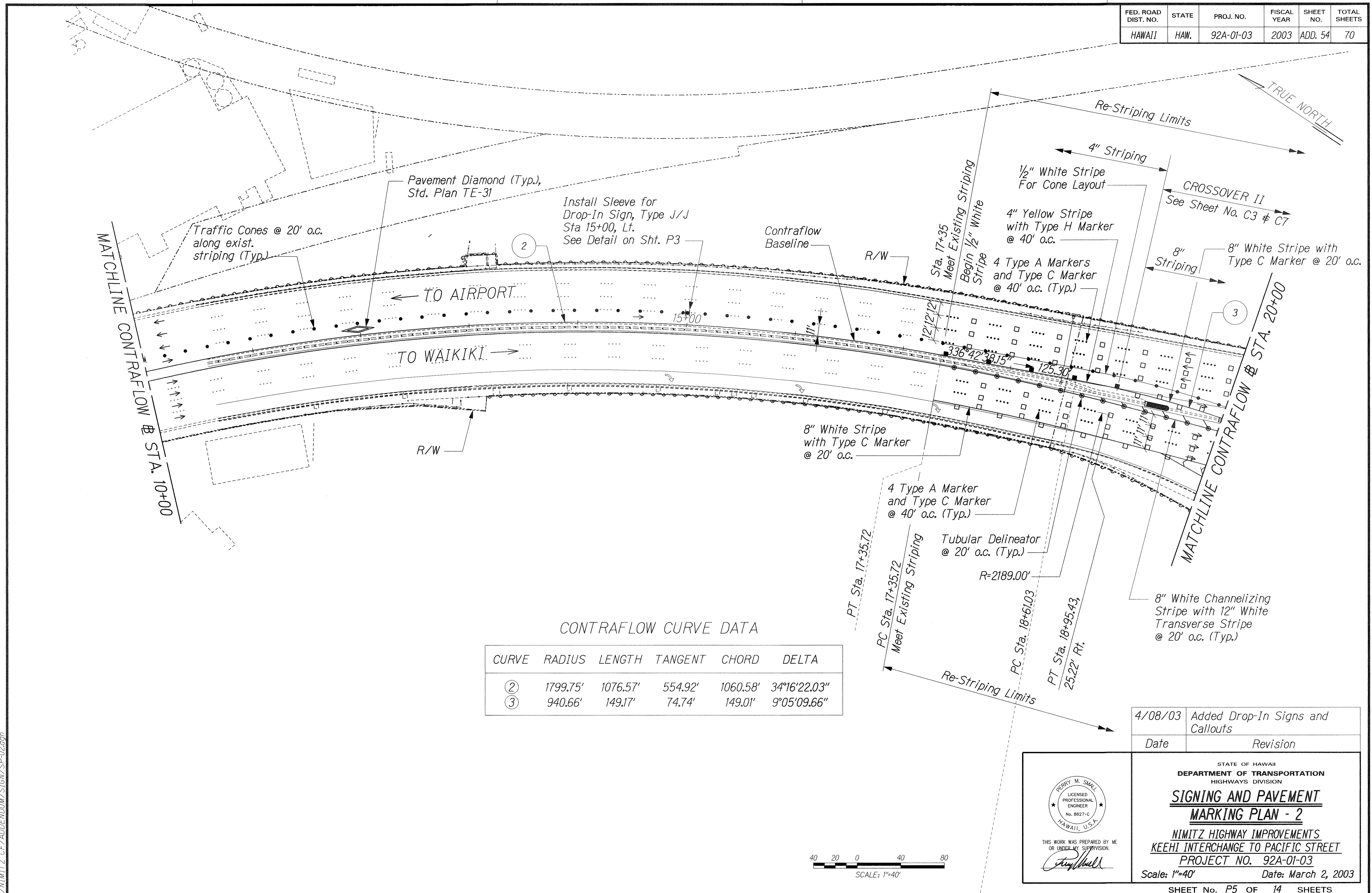
NIMITZ EB CONNECTOR SIGN/SP-01.dgn

Begin Project  
 Sta. 0+00  
 NIMITZ EB CONNECTOR  
 # Sta. 36+39.66  
 N=61,550.49  
 E=536,194.81

Type B Sign  
on Post  
See Detail on  
Sht. P3



|                     |       |           |             |           |              |
|---------------------|-------|-----------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | 92A-01-03 | 2003        | ADD. 54   | 70           |

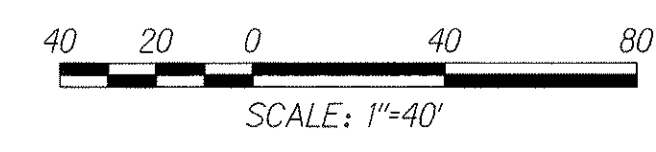


CONTRAFLOW CURVE DATA

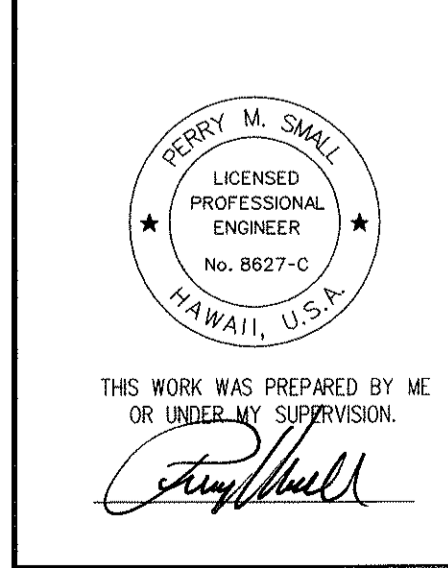
| CURVE | RADIUS   | LENGTH   | TANGENT | CHORD    | DELTA        |
|-------|----------|----------|---------|----------|--------------|
| ②     | 1799.75' | 1076.57' | 554.92' | 1060.58' | 34°16'22.03" |
| ③     | 940.66'  | 149.17'  | 74.74'  | 149.01'  | 9°05'09.66"  |

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DESIGNED BY       |      |
| NOTED BY          |      |
| CHECKED BY        |      |

NIMITZ CF ADDENDUM SIGN/SP-02.dgn



|         |                                  |
|---------|----------------------------------|
| 4/08/03 | Added Drop-In Signs and Callouts |
| Date    | Revision                         |

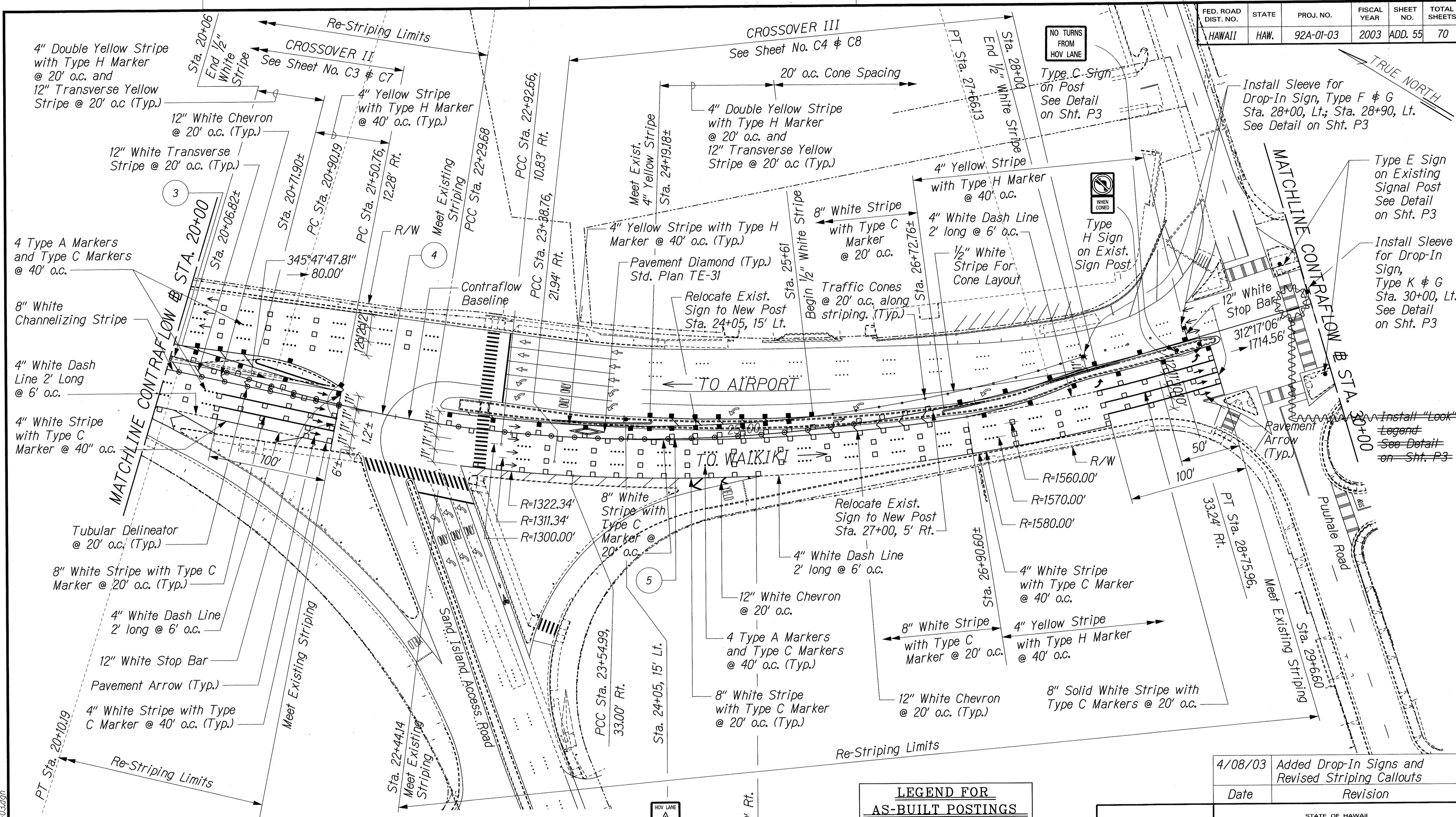


STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 2**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003

SHEET No. P5 OF 14 SHEETS



CONTRAFLOW CURVE DATA

| CURVE | RADIUS   | LENGTH  | TANGENT | CHORD   | DELTA        |
|-------|----------|---------|---------|---------|--------------|
| ③     | 940.66'  | 149.17' | 74.74'  | 149.01' | 9°05'09.66"  |
| ④     | 985.00'  | 139.49' | 69.86'  | 139.37' | 8°06'50.5"   |
| ⑤     | 1210.00' | 536.45' | 272.71' | 532.07' | 25°23'51.31" |

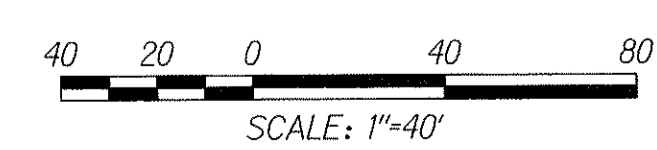
NOTE:  
See Sht. C4 for relocation of existing signs within Crossover III.

**LEGEND FOR AS-BUILT POSTINGS**

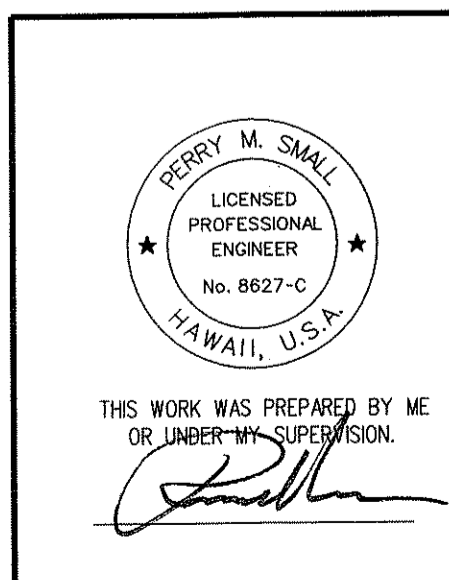
Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting



|         |   |
|---------|---|
| 4/08/03 | Added Drop-In Signs and Revised Striping Callouts |
| Date    | Revision  |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 3**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03

Scale: 1"=40' Date: March 2, 2003

SHEET No. P6 OF 12 SHEETS

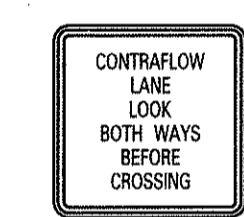
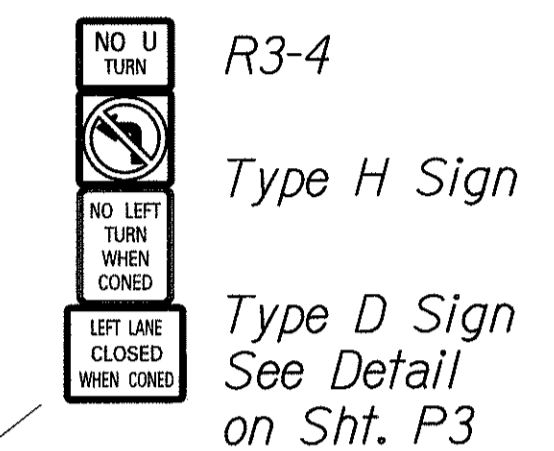
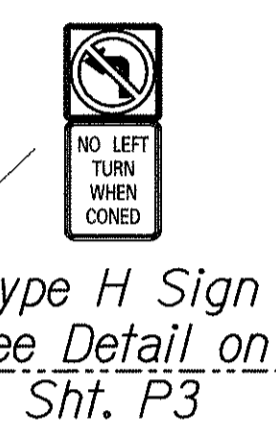
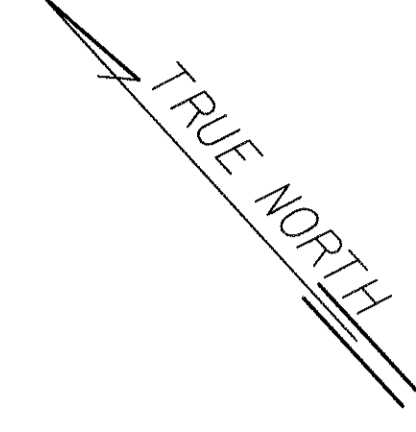
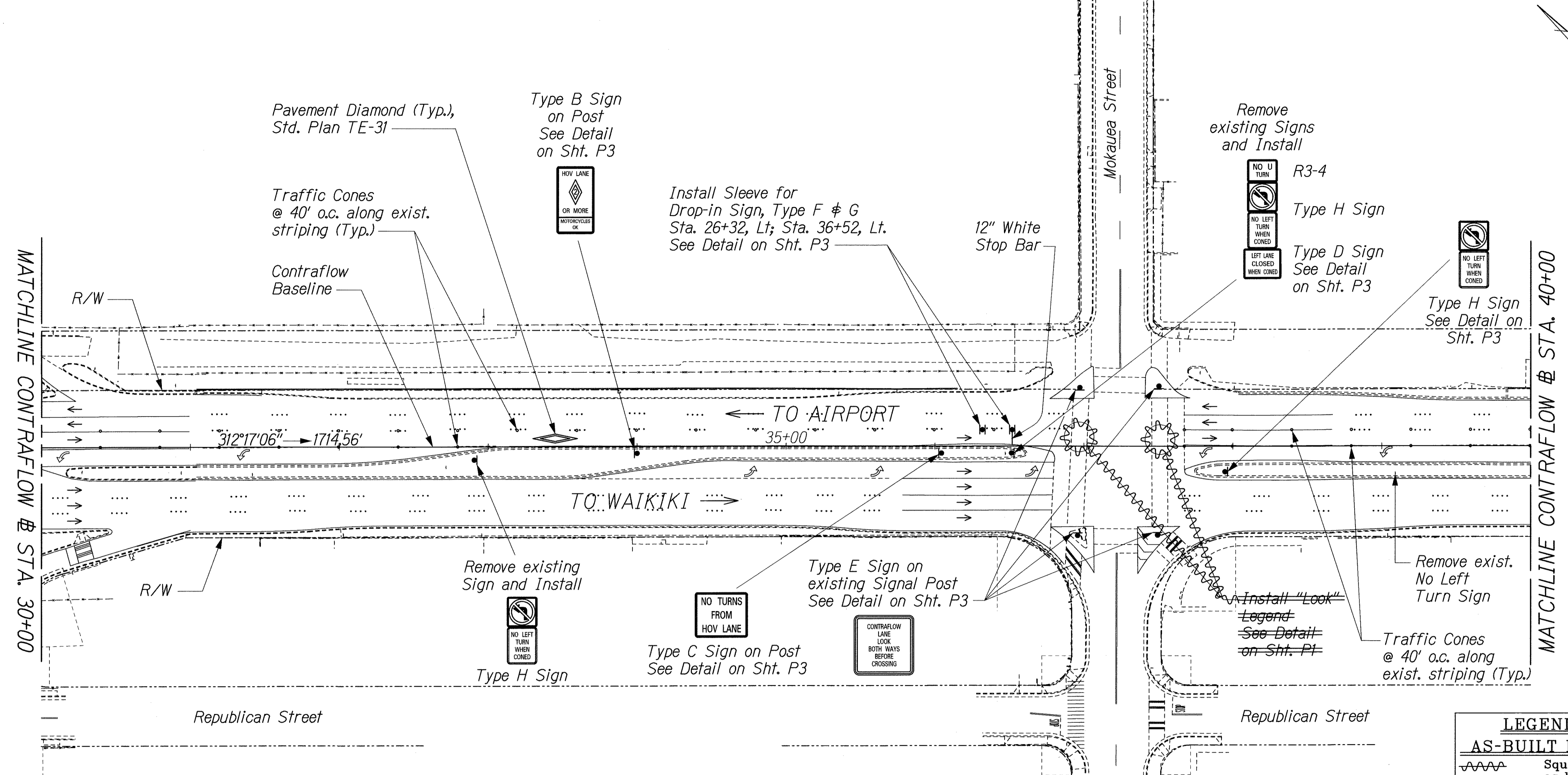
|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DESIGNED BY       |      |
| TRACED BY         |      |
| NOTED BY          |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

NIMITZ OF ADDENDUM SIGN/SP-03.dgn

"AS-BUILT"

ADD. 55

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | 56        | 70           |

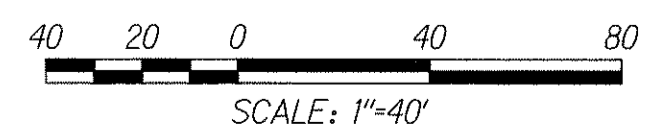


**LEGEND FOR AS-BUILT POSTINGS**

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

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

J:\NIMITZ CF\SIGN\SP-04.dgn



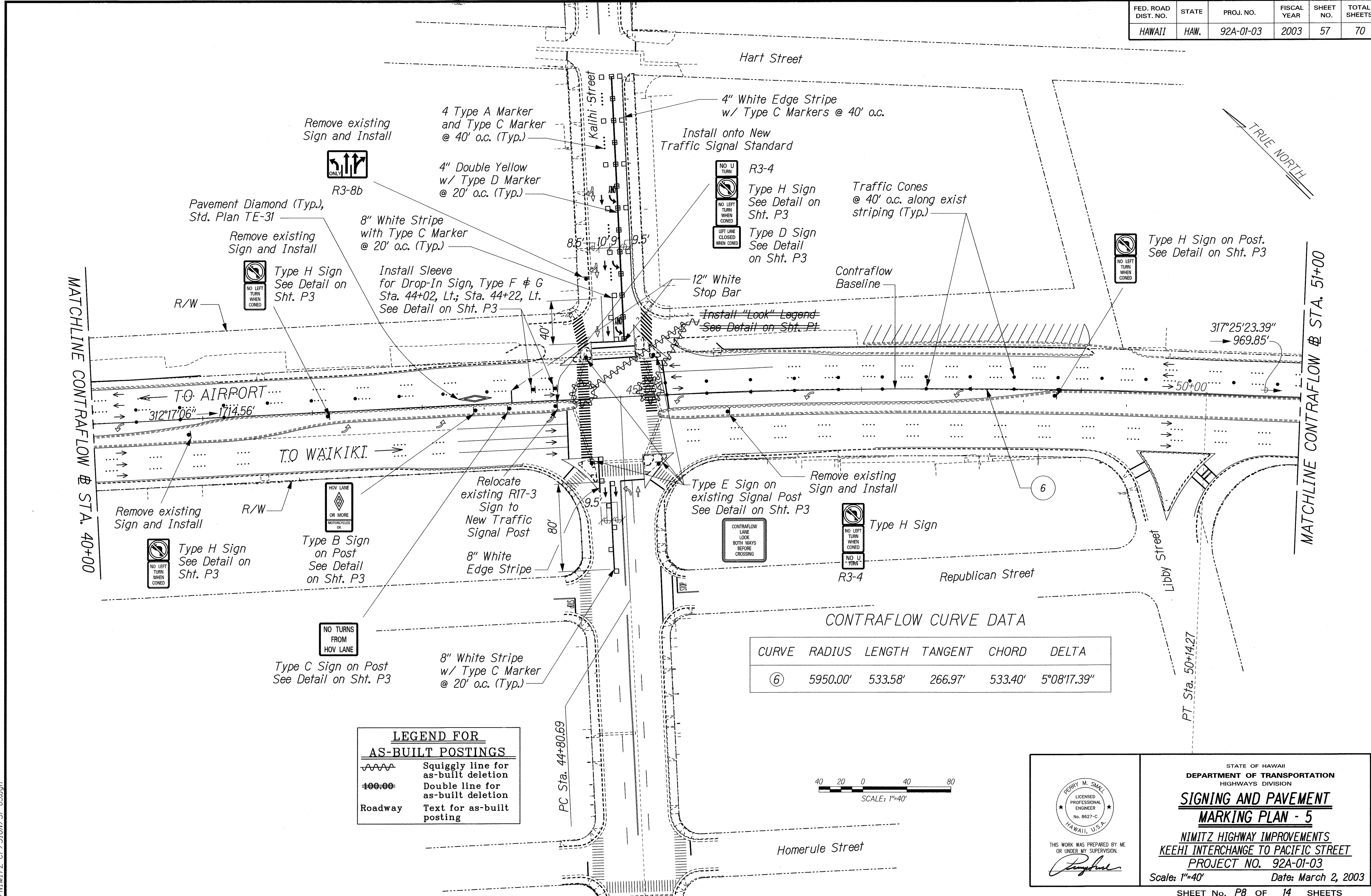
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 4**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003

"AS-BUILT"



DATE: \_\_\_\_\_  
 SURVEY PLOTTED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

J:/NIMITZ CF/SIGN/SP-05.dgn

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 5**

NIMITZ HIGHWAY IMPROVEMENTS  
 KEEHI INTERCHANGE TO PACIFIC STREET  
 PROJECT NO. 92A-01-03

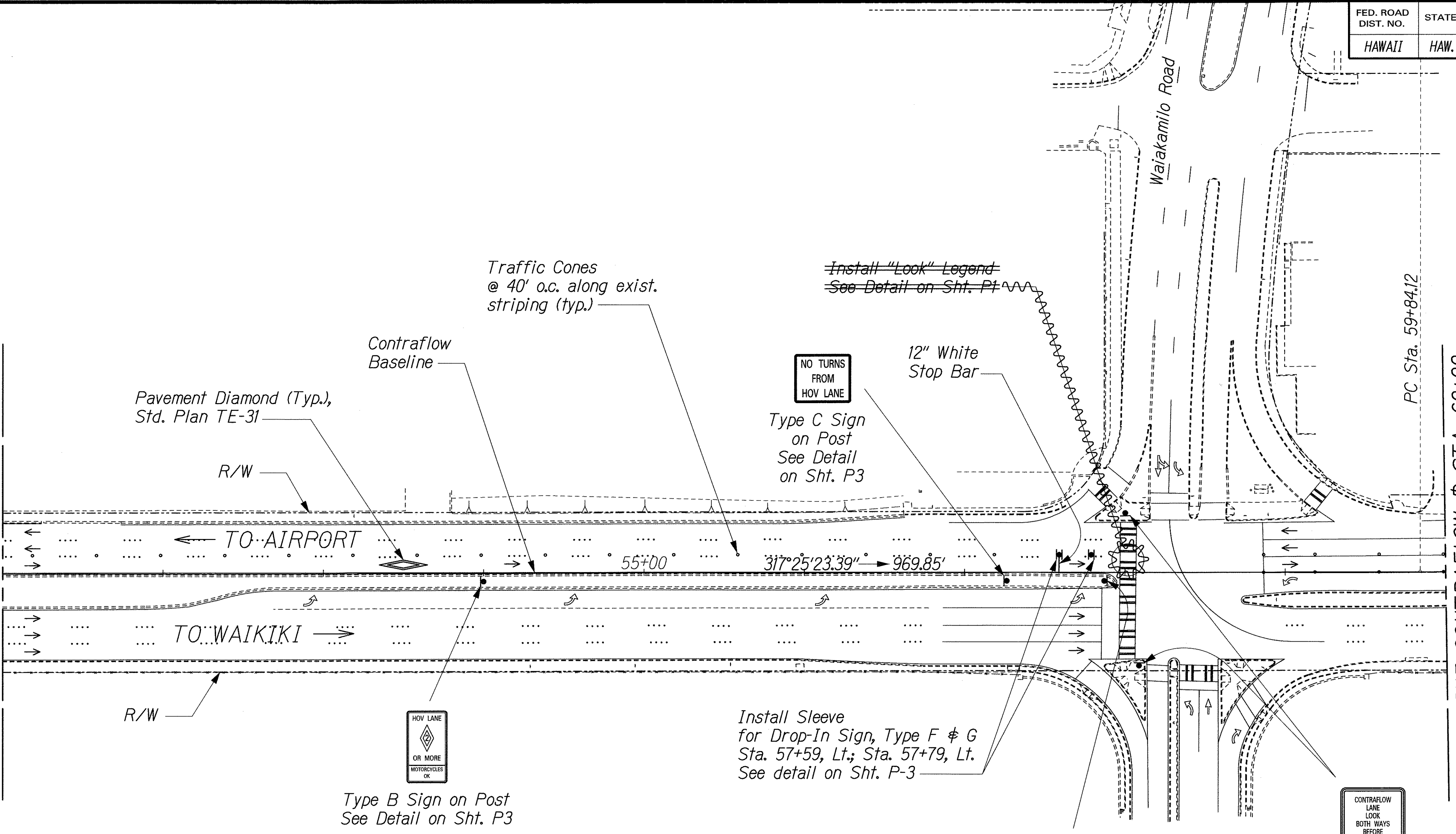
Scale: 1"=40' Date: March 2, 2003

SHEET No. P8 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | 58        | 70           |

MATCHLINE CONTRAFLOW @ STA. 51+00

MATCHLINE CONTRAFLOW @ STA. 60+00

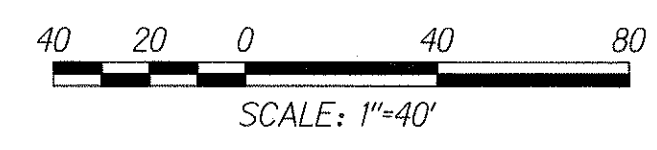


**LEGEND FOR AS-BUILT POSTINGS**

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

**AS-BUILT POSTINGS**

|      |  |                                      |
|------|--|--------------------------------------|
| R3-4 |  | Type H Sign<br>See Detail on Sht. P3 |
|      |  | Type D Sign<br>See Detail on Sht. P3 |



|               |      |
|---------------|------|
| DESIGNED BY   | DATE |
| DRAWN BY      |      |
| TRACED BY     |      |
| DESIGNED BY   |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |

NIMITZ CF/SIGN/SP-06.dgn

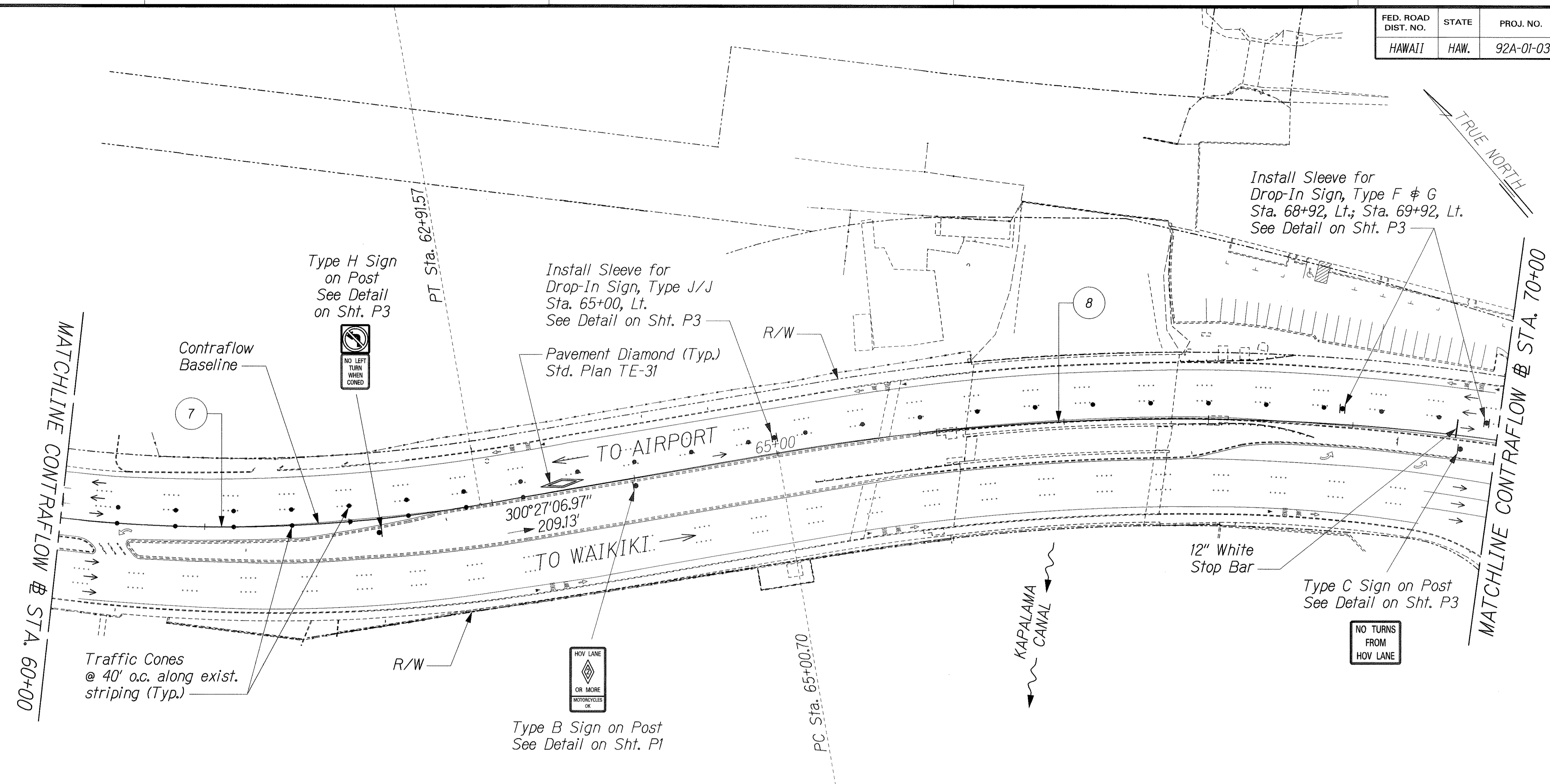
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKING PLAN - 6**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | ADD. 59   | 70           |

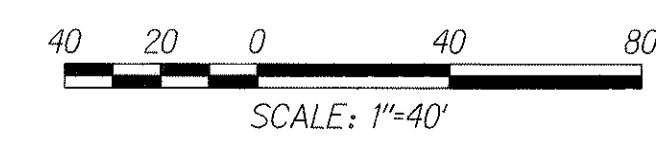


CONTRAFLOW CURVE DATA

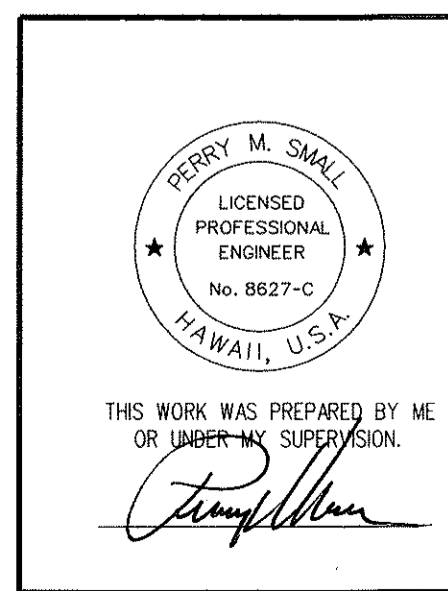
| CURVE | RADIUS   | LENGTH  | TANGENT | CHORD   | DELTA        |
|-------|----------|---------|---------|---------|--------------|
| ⑦     | 1037.96' | 307.45' | 154.85' | 306.32' | 16°58'16.42" |
| ⑧     | 1625.00' | 986.94' | 509.22' | 971.84' | 34°47'55.28" |

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

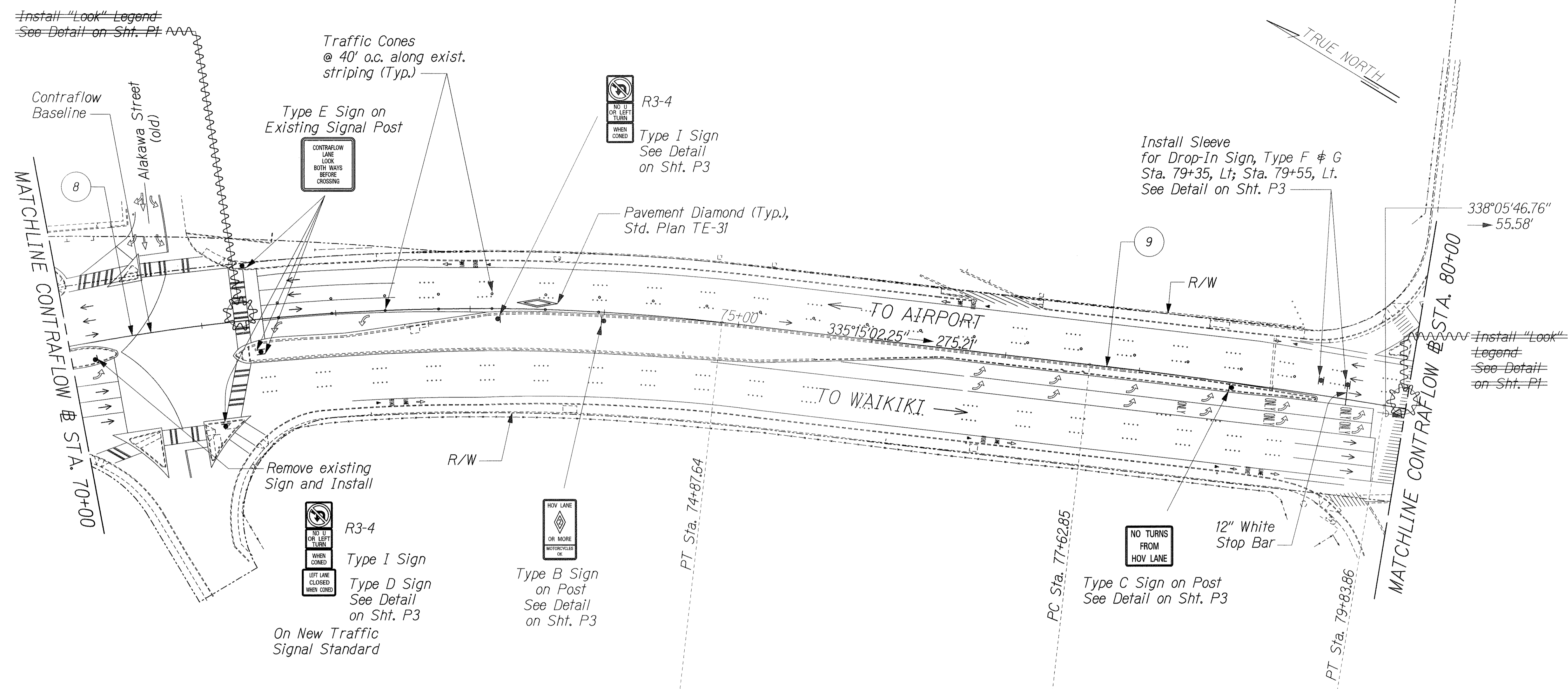
L:\NIMITZ CF\ADDENDUM\SIGN\SP-07.dgn



|         |                                  |
|---------|----------------------------------|
| 4/08/03 | Added Drop-In Signs and Callouts |
| Date    | Revision                         |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN - 7**  
NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003  
SHEET No. P10 OF 14 SHEETS



CONTRAFLOW CURVE DATA

| CURVE | RADIUS   | LENGTH  | TANGENT | CHORD   | DELTA        |
|-------|----------|---------|---------|---------|--------------|
| ⑧     | 1625.00' | 986.94' | 509.22' | 971.84' | 34°47'55.28" |
| ⑨     | 4450.00' | 221.01' | 110.53' | 220.99' | 2°50'44.51"  |

**LEGEND FOR AS-BUILT POSTINGS**

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

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

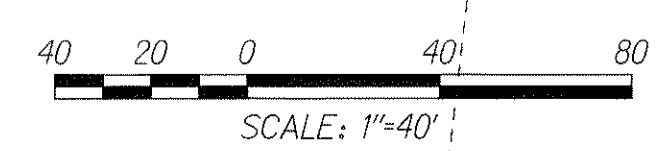
NIMITZ CF SIGN/SP-08.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

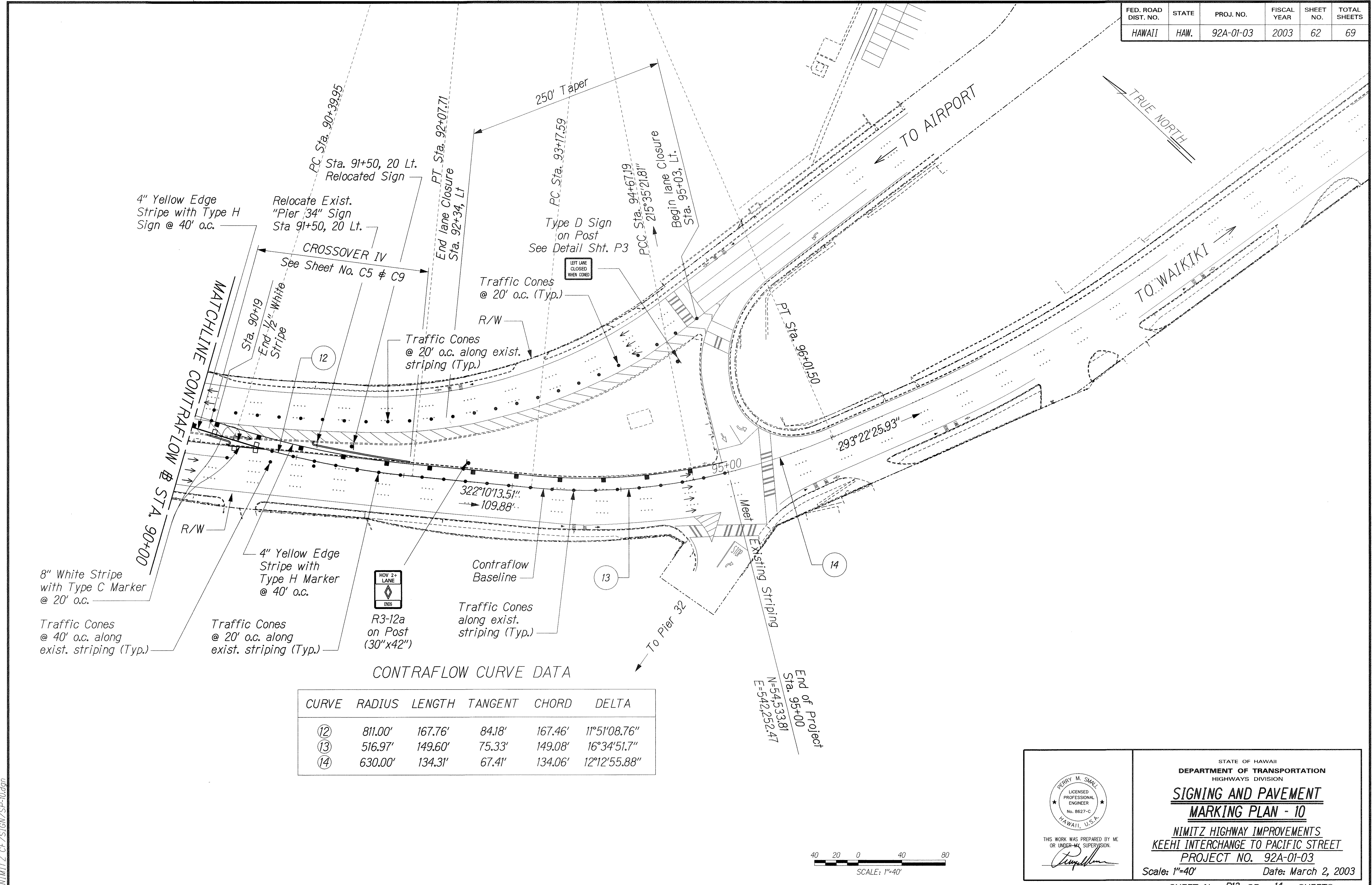
**SIGNING AND PAVEMENT MARKING PLAN - 8**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003





| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | 62        | 69           |

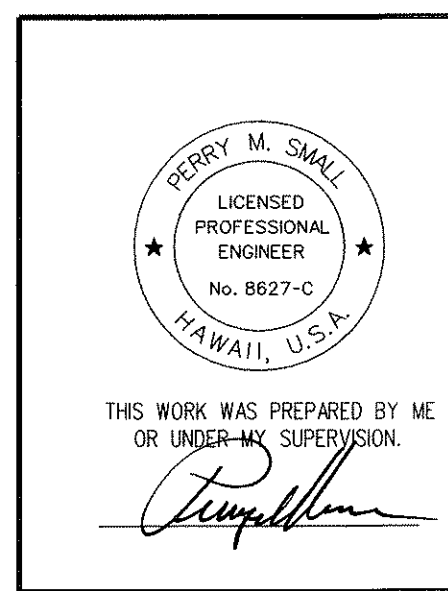


CONTRAFLOW CURVE DATA

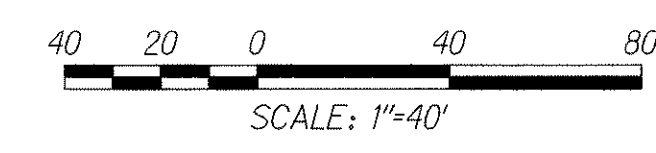
| CURVE | RADIUS  | LENGTH  | TANGENT | CHORD   | DELTA        |
|-------|---------|---------|---------|---------|--------------|
| 12    | 811.00' | 167.76' | 84.18'  | 167.46' | 11°51'08.76" |
| 13    | 516.97' | 149.60' | 75.33'  | 149.08' | 16°34'51.7"  |
| 14    | 630.00' | 134.31' | 67.41'  | 134.06' | 12°12'55.88" |

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| N.                |      |

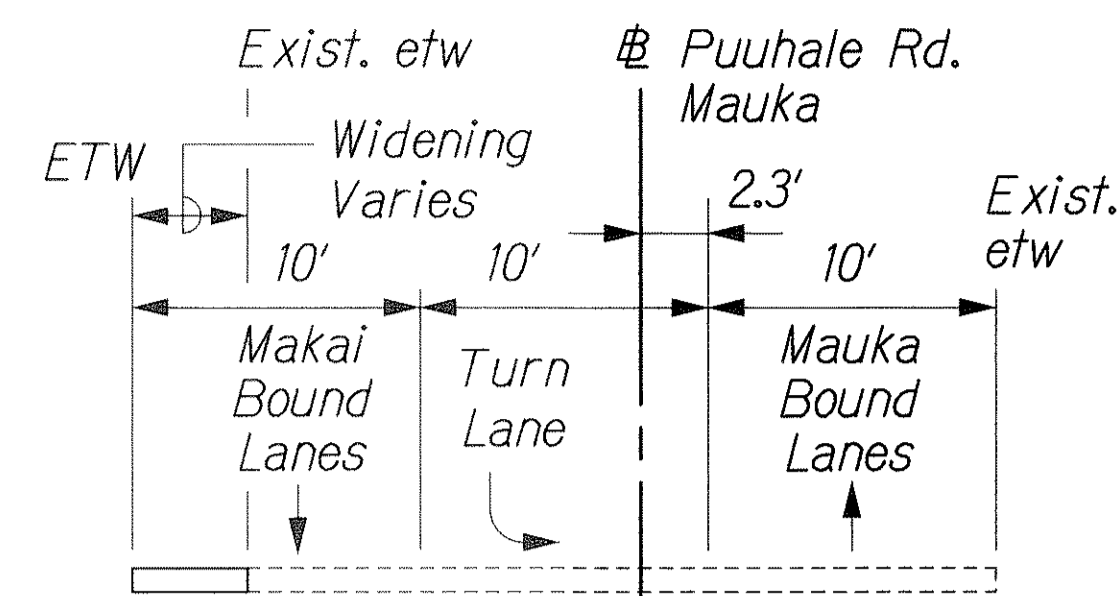
H:\NIMITZ\_CF\SIGN\SP-10.dgn



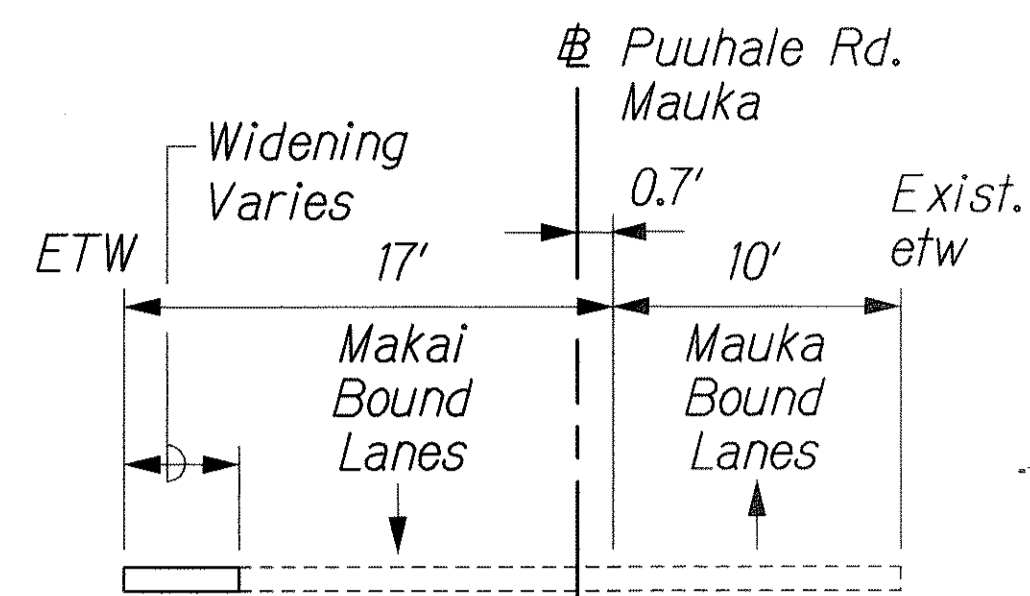
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT**  
**MARKING PLAN - 10**  
NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: March 2, 2003  
SHEET No. P13 OF 14 SHEETS



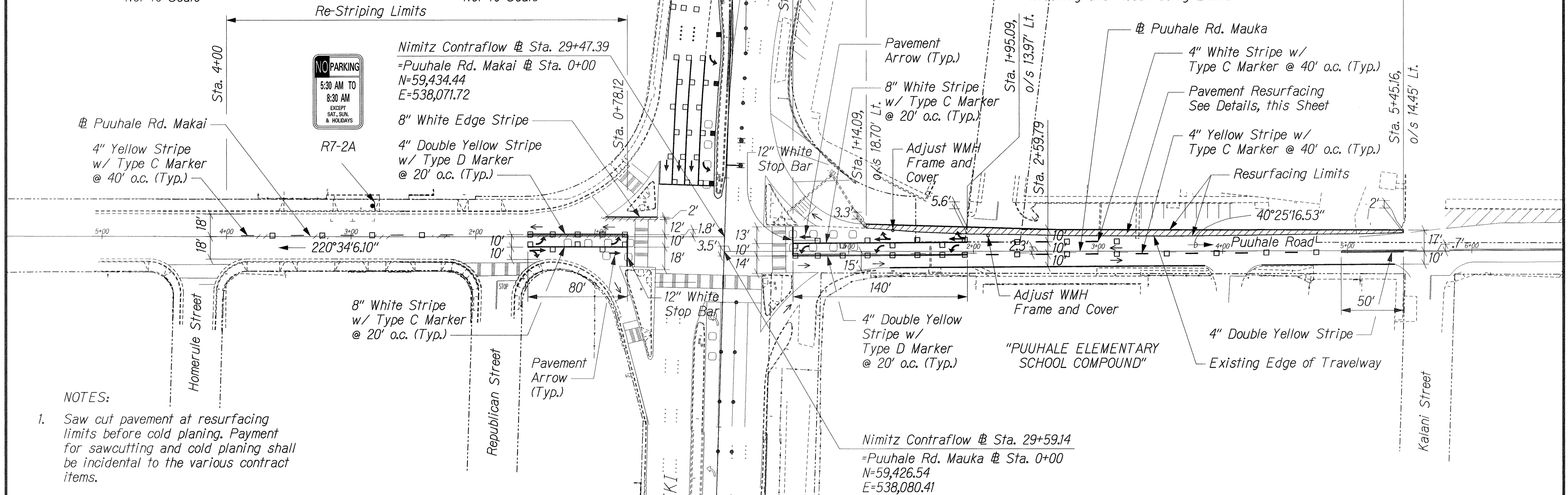
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | C.O. 62A  | 69           |



**SECTION @ PUUHALE RD., MAUKA**  
STA. 2+59.79  
Not to Scale

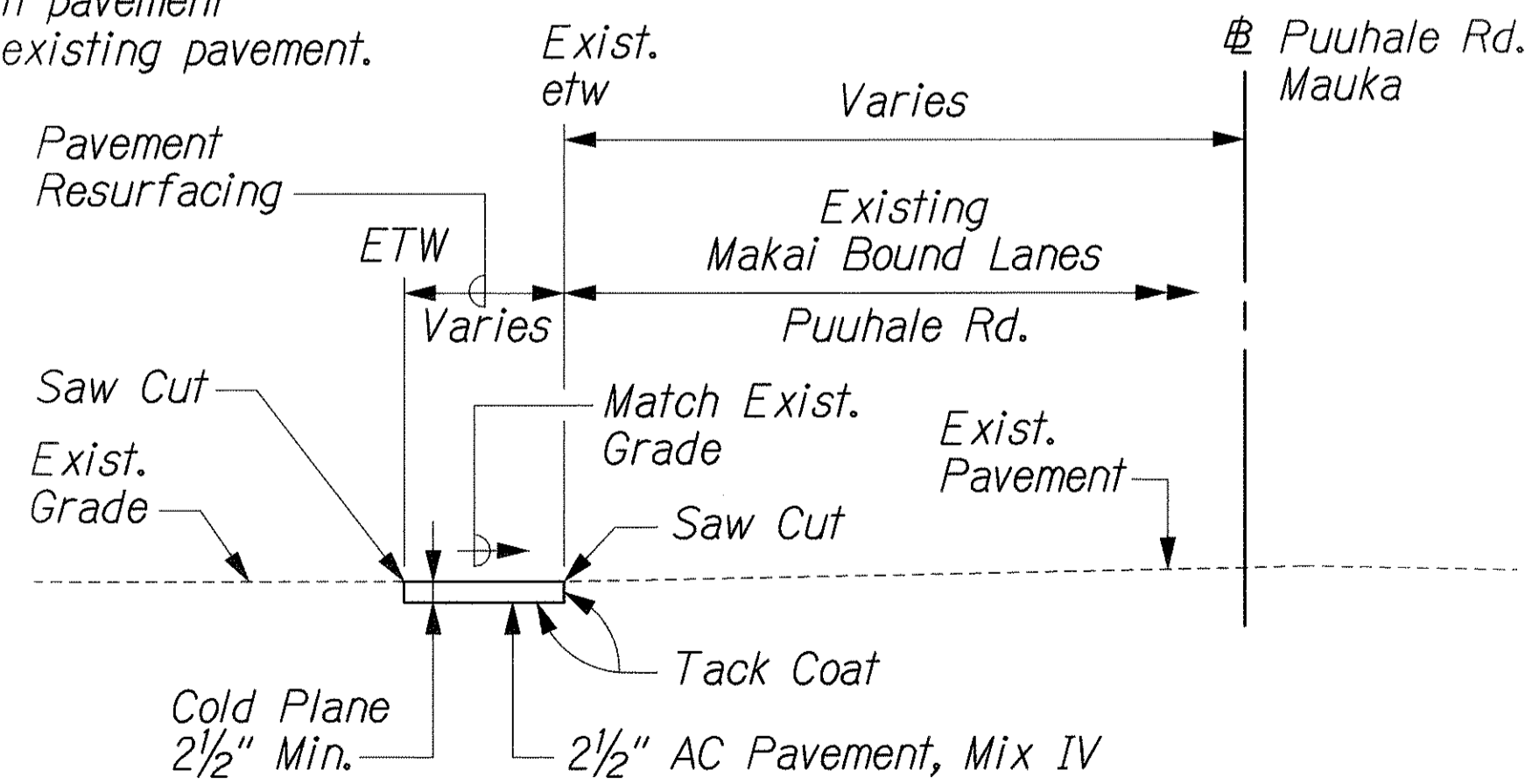


**SECTION @ PUUHALE RD., MAUKA**  
STA. 5+45.16  
Not to Scale

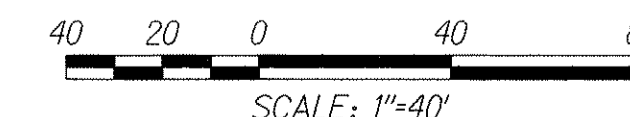


**NOTES:**

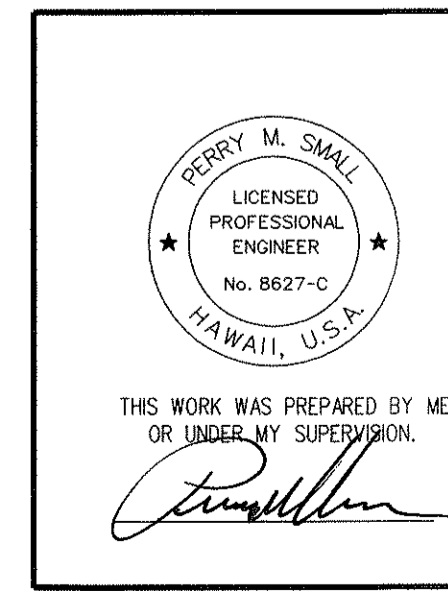
1. Saw cut pavement at resurfacing limits before cold planing. Payment for sawcutting and cold planing shall be incidental to the various contract items.
2. Provide smooth pavement connection to existing pavement.



**PAVEMENT RESURFACING DETAIL**  
Not to Scale



|         |                                      |
|---------|--------------------------------------|
| 8/15/03 | Re-striping and widening Puuhale Rd. |
| Date    | Revision                             |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

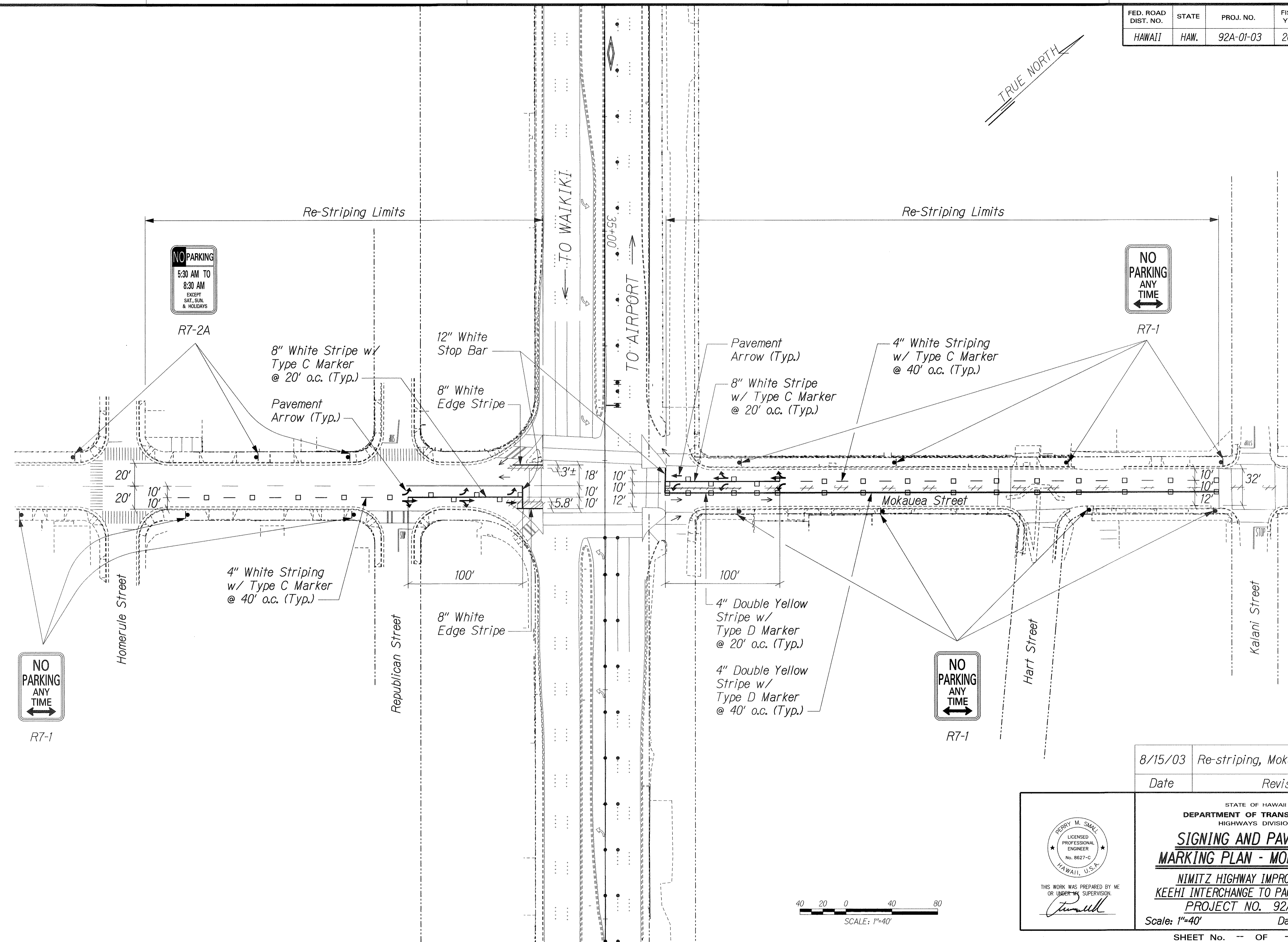
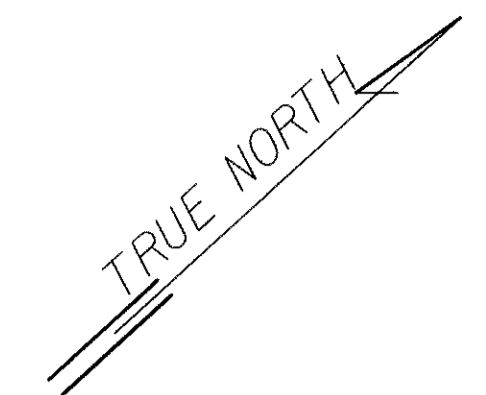
**ROADWAY, SIGNING AND PAVEMENT MARKING PLAN - PUUHALE RD.**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: May 7, 2003

SHEET No. -- OF -- SHEETS

ORIGINAL PLAN NO. \_\_\_\_\_  
 SURVEY PLOTTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 NIMITZ CF CHANGE ORDER/SIGN/SP-11.dgn

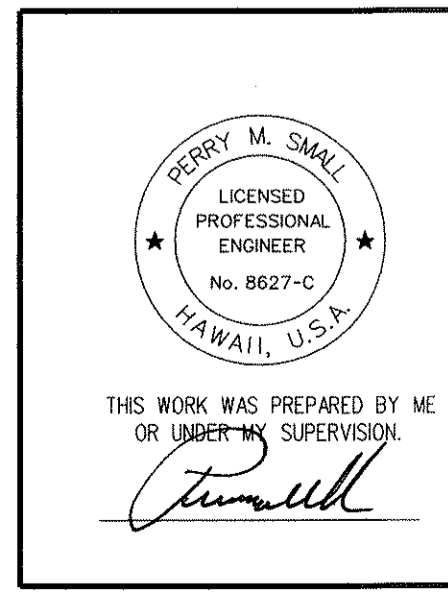
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | C.O. 62B  | 69           |



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

J:/NIMITZ CF/CHANGE ORDER/SIGN/SP-12.dgn

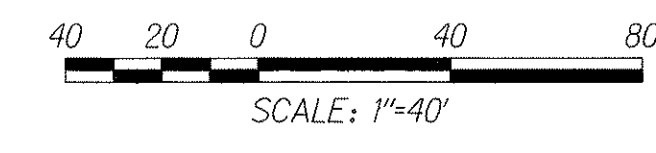
|         |                          |
|---------|--------------------------|
| 8/15/03 | Re-striping, Mokauea St. |
| Date    | Revision                 |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT  
MARKING PLAN - MOKAUEA ST.**

NIMITZ HIGHWAY IMPROVEMENTS  
KEEHI INTERCHANGE TO PACIFIC STREET  
PROJECT NO. 92A-01-03  
Scale: 1"=40' Date: May 7, 2003



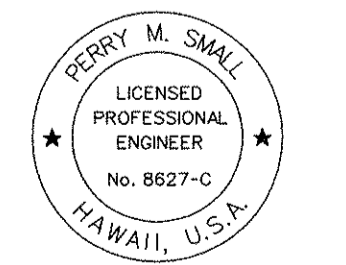
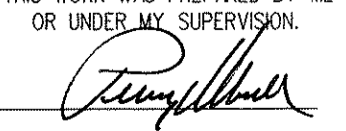
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 92A-01-03 | 2003        | 63        | 69           |

| PAVEMENT MARKING QUANTITY                  |          |
|--|----------|
| DESCRIPTION                                | QUANTITY |
| PAVEMENT MARKERS                           |          |
| TYPE A                                     | 468 EA   |
| TYPE C                                     | 312 EA   |
| TYPE H                                     | 85 EA    |
| TAPE, TYPE I OR THERMOPLASTIC EXTRUSION    |          |
| 4-INCH PAVEMENT STRIPING (WHITE)           | 600 LF   |
| 4-INCH PAVEMENT STRIPING (WHITE DASH LINE) | 744 LF   |
| 4-INCH PAVEMENT STRIPING (YELLOW)          | 1006 LF  |
| 4-INCH DOUBLE PAVEMENT STRIPING (YELLOW)   | 522 LF   |
| 8-INCH PAVEMENT STRIPING                   | 3218 LF  |
| TAPE, TYPE II OR THERMOPLASTIC EXTRUSION   |          |
| 4-INCH PAVEMENT STRIPING (WHITE)           | 214 LF   |
| 4-INCH PAVEMENT STRIPING (YELLOW)          | 1668 LF  |
| 6-INCH PAVEMENT STRIPING (WHITE)           | 0 LF     |
| 8-INCH PAVEMENT STRIPING                   | 32 LF    |
| 8-INCH CHANNELIZE STRIPING (WHITE)         | 412 LF   |
| 12-INCH PAVEMENT STRIPING                  | 274 LF   |
| TAPE, TYPE III OR THERMOPLASTIC EXTRUSION  |          |
| 12-INCH PAVEMENT STRIPING                  | 169 LF   |
| YIELD LINE                                 | 0 LANE   |
| CROSSWALK MARKING                          | 0 LANE   |
| PAVEMENT ARROW                             | 48 EA    |
| PAVEMENT WORD                              | 18 EA    |
| PAVEMENT SYMBOL                            | 9 EA     |

| REGULATORY AND WARNING SIGN QUANTITY                            |          |
|---|----------|
| DESCRIPTION   | QUANTITY |
| REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS)            | 65 EA    |
| REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS), WITH POST | 7 EA     |
| RELOCATION OF EXISTING SIGN ON NEW POST                         | 3 EA     |
| REMOVE EXISTING SIGN(S) AND POST                                | 9 EA     |
| STREET NAME SIGN ON TRAFFIC SIGNAL MAST ARM                     | 8 EA     |
| TUBULAR DELINEATOR  | 44 EA    |

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

H:\NIMITZ CP\SIGN\SS-SUM.dgn

|  |   |
|--|---|
| <br><small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.</small><br> | <small>STATE OF HAWAII</small><br><b>DEPARTMENT OF TRANSPORTATION</b><br><small>HIGHWAYS DIVISION</small><br><b>SIGNING AND PAVEMENT</b><br><b>MARKING QUANTITIES</b><br><b>NIMITZ HIGHWAY IMPROVEMENTS</b><br><b>KEEHI INTERCHANGE TO PACIFIC STREET</b><br><b>PROJECT NO. 92A-01-03</b><br><small>Scale: None Date: March 2, 2003</small> |
|  | <small>SHEET No. P14 OF 14 SHEETS</small>   |