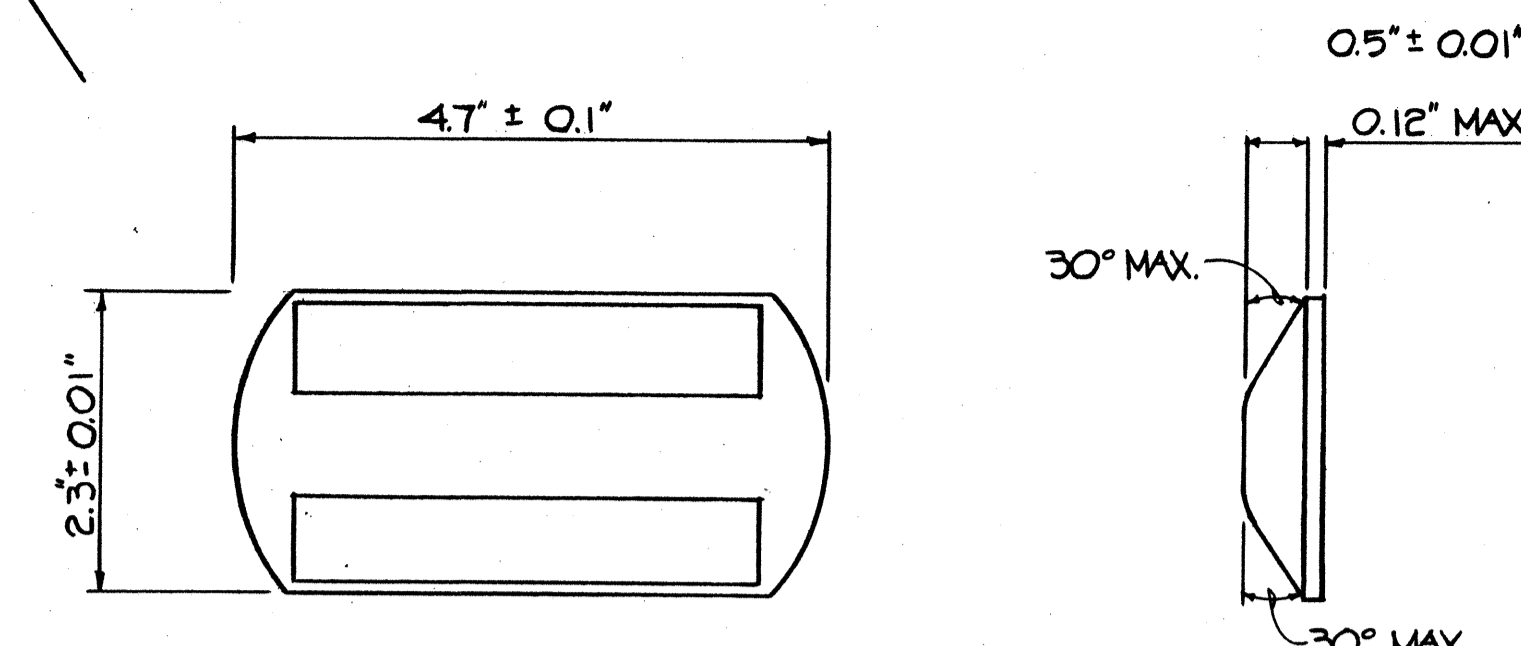


**LEGEND**

- 4 EACH TYPE "A" RAISED PAVEMENT MARKERS  
TYPE "CL" RAISED PAVEMENT MARKERS @ 40'-0" O.C.
- 4 EACH TYPE "J" RAISED PAVEMENT MARKERS  
TYPE "DL" RAISED PAVEMENT MARKERS @ 40'-0" O.C.
- 8" WHITE STRIPE WITH TYPE "CL" RAISED PAVEMENT MARKERS @ 20'-0" O.C.
- 4" DOUBLE SOLID YELLOW STRIPES WITH TYPE "DL" RAISED PAVEMENT MARKERS @ 20'-0" O.C.
- 4" DOUBLE SOLID YELLOW STRIPES WITH TYPE "HL" RAISED PAVEMENT MARKERS @ 20'-0" O.C.
- 4" YELLOW EDGE STRIPE WITH TYPE "HL" RAISED PAVEMENT MARKERS @ 40'-0" O.C.
- 4" DOUBLE SOLID WHITE STRIPE WITH TYPE "CL" RAISED PAVEMENT MARKERS @ 20'-0" O.C.
- LANE CHANGE RESTRICTION MARKING  
4 EACH TYPE "A" RAISED PAVEMENT MARKERS  
TYPE "CL" RAISED PAVEMENT MARKERS @ 20'-0" O.C.  
4" WHITE STRIPE
- 4" WHITE OR YELLOW EDGE STRIPE (PAINT)
- 4" WHITE GUIDE LINES
- TRANSVERSE MEDIAN MARKING
- TRANSVERSE SHOULDER MARKING
- CHANNELIZING ISLAND OR DECELERATION LANE GORE
- 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.
- PAVEMENT ARROW
- EXTENSION OF EDGE LINE, 4" WIDE x 2'-0" LONG.  
WHITE STRIPE @ 10'-0" O.C. WITH TYPE "CL" MARKERS @ 40'-0" O.C.
- 4" WHITE EDGE STRIPE w/ TYPE "CL" MARKERS @ 40'-0" O.C.

NOTE:  
PROVIDE STRIPING & MARKING SIMILAR TO EXISTING. VERIFY IN FIELD PRIOR TO PAVEMENT GRADE ADJUSTMENT.



- TYPE CL  
RED - CLEAR REFLECTIVE MARKER
  - TYPE DL  
TWO - WAY YELLOW REFLECTIVE MARKER
  - TYPE HL  
ONE - WAY YELLOW REFLECTIVE MARKER
- NOT TO SCALE

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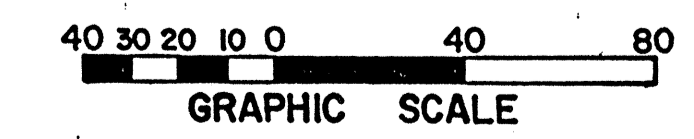
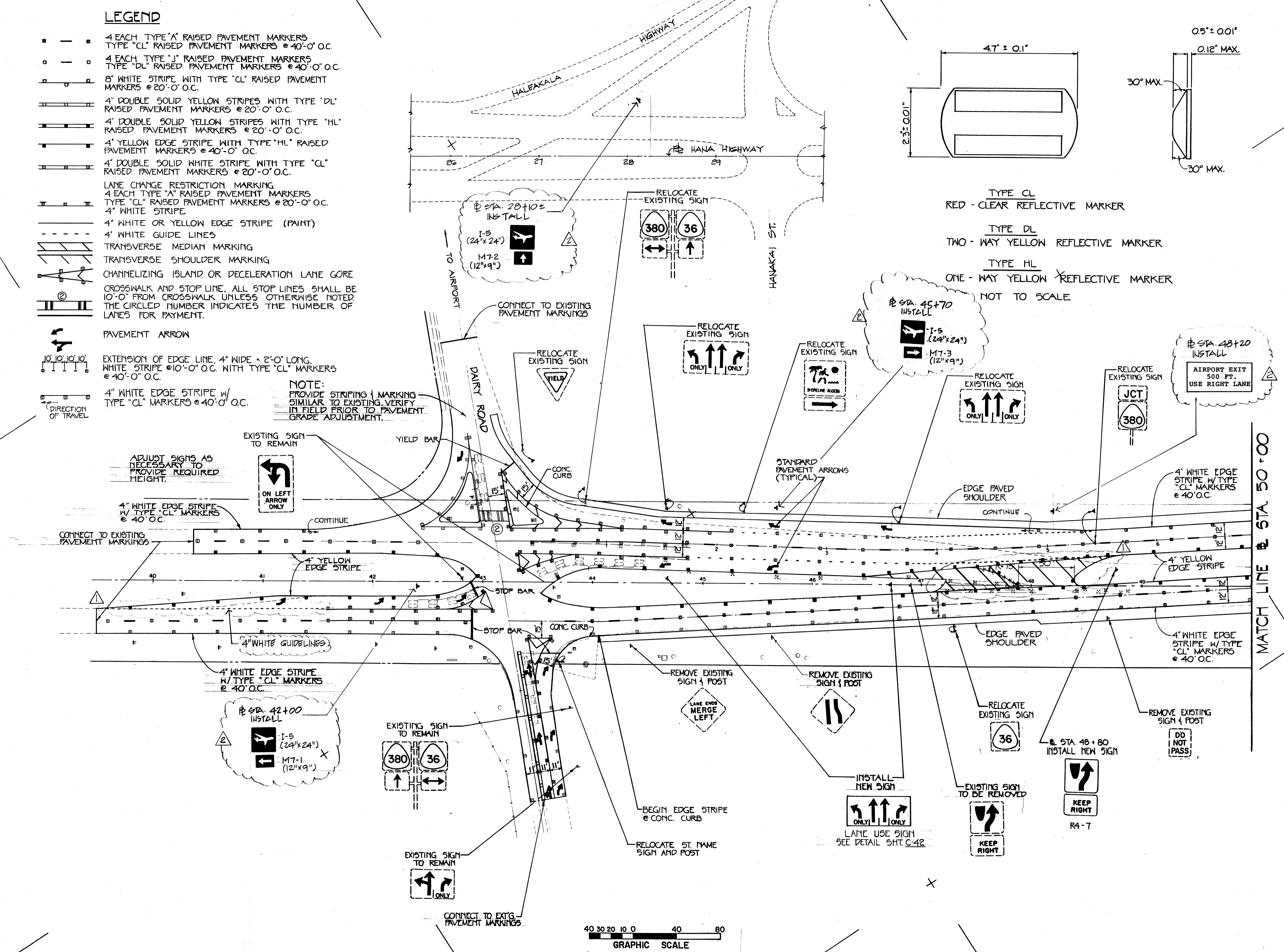
ROBERT T. TANAKA  
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R. T. TANAKA ENGINEERS, INC.  
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WAILUKU, MAUI, HAWAII 96793

DSGN. DRWN. CHKD. APPD.

R.H.	C.N.	R.T.T.
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**KEY PLAN / NOTES :**



KEY PLAN / NOTES :		
9-10-90	ADDED SIGNS	
7-17-90	REVISED PER DOT-H REQUIREMENTS	
NO.	DATE	REVISIONS
<b>AS-BUILT</b> (Record Drawing)		
DATE 7/12/91		
This Drawing has been prepared, in part, based upon information furnished by others. While this information is believed to be reliable, the Designer/Professional cannot assume accuracy of this As-Built drawing or for any errors or omissions which may have been incorporated into it as a result.		

**PROJECT TITLE :**

**HANA HIGHWAY IMPROVEMENTS**

**PROJECT NO. :**

STATE NO. AM-1061-12  
AIP NO. 3-15-0006-11

**SHEET TITLE :**

**PAVEMENT MARKING & SIGNING PLAN**

DATE 11-15-89

**C-40**

NOTES:

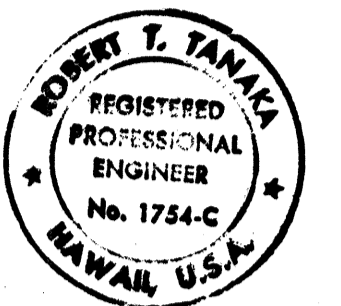
- LAYOUT OF PAVEMENT MARKINGS AND STRIPING SHALL BE DONE BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO ANY INSTALLATION WORK.
- EXISTING PAVEMENT MARKINGS NOT INCORPORATED IN THE FINAL TRAFFIC PATTERN SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. COSTS SHALL BE INCIDENTAL TO THE VARIOUS PAVEMENT MARKING ITEMS.
- RAISED PAVEMENT MARKERS SHALL NOT BE INSTALLED WITHIN CROSSWALK.
- DETAILS OF TYPE 'C', TYPE 'D' AND TYPE 'H' MARKERS ON STANDARD PLAN Nos. TE-30, TE-31 AND TE-32 SHALL BE DELETED AND REPLACED WITH DETAILS OF TYPE 'CL', TYPE 'DL' AND TYPE 'HL' MARKERS AS SHOWN ON SHEET C-40 ALL REFERENCES TO TYPE 'C', TYPE 'D' AND TYPE 'H' MARKERS IN THE PLANS SHALL MEAN TYPE 'CL', TYPE 'DL' AND TYPE 'HL' MARKERS.
- EXISTING SIGNS NOT SHOWN ON THESE PLANS SHALL REMAIN AS POSTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. REMOVAL AND STOCKPILING OF EXISTING SIGNS SHALL BE INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.
- FINAL LOCATIONS OF NEW AND RELOCATED SIGNS SHALL BE APPROVED BY THE ENGINEER.



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Signature and date: 10/12/91

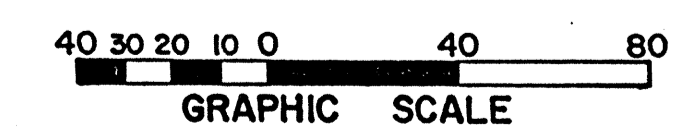
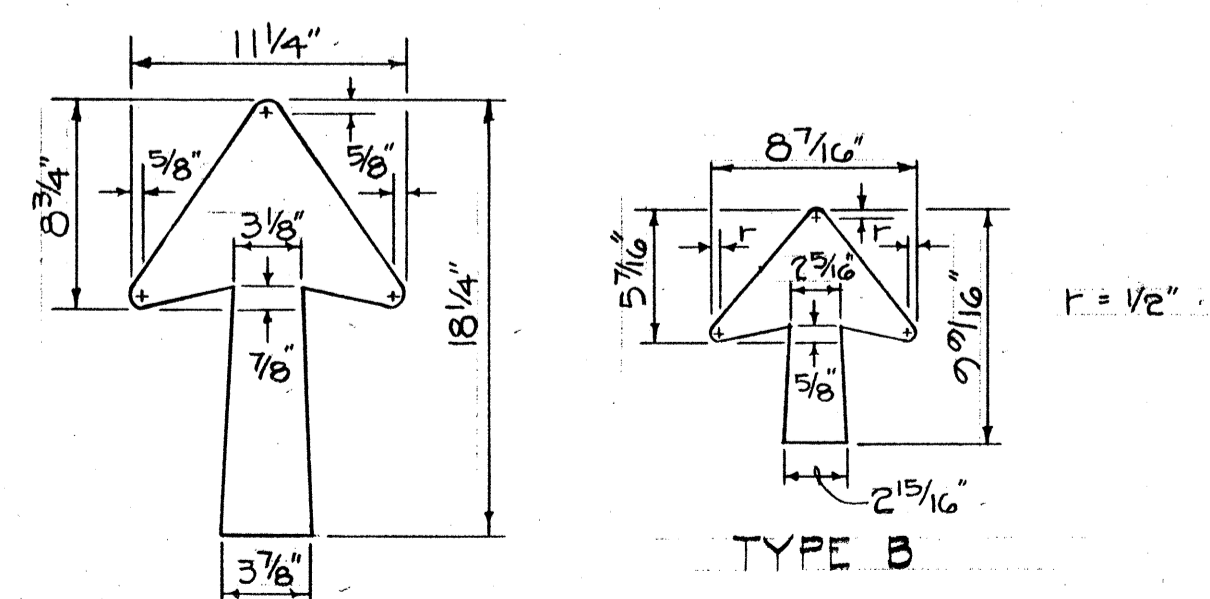
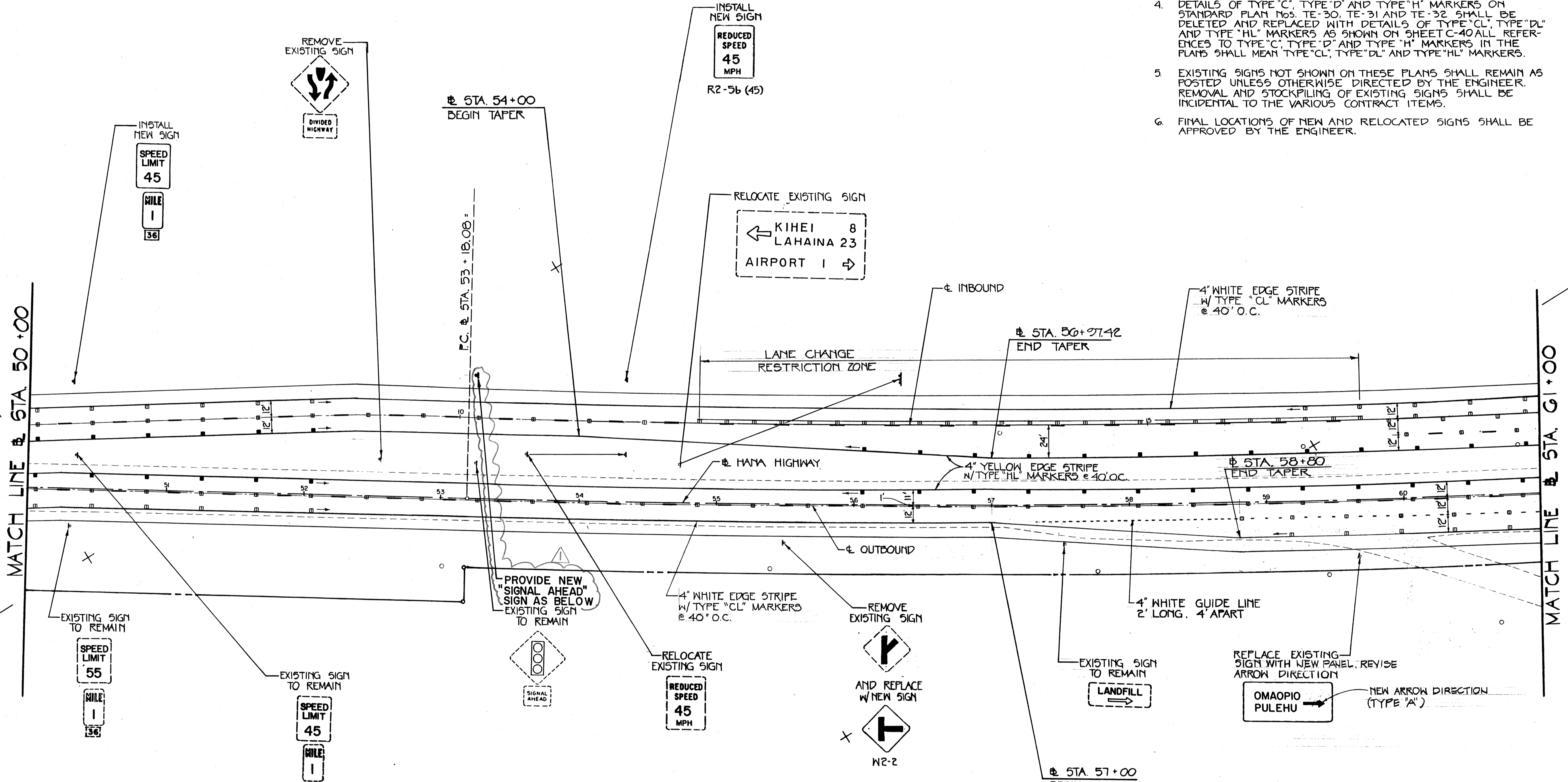


R. T. TANAKA ENGINEERS, INC.  
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WAILUKU, MAUI, HAWAII 96793

DSGN. DRWN. CHKD. APPD.

R.H. C.N. R.T.T.

KEY PLAN / NOTES :



4-10-92 AS-BUILT DRAWINGS  
NO. DATE REVISIONS

AS-BUILT (Record Drawing)  
DATE 7/12/91

This Drawing has been prepared, in part, based upon information furnished by others. While this information is believed to be reliable, the Designer/Professional cannot assure accuracy of this As-Built drawing or for any errors or omissions which may have been incorporated into it as a result.

PROJECT TITLE :

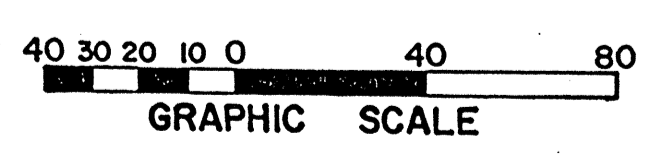
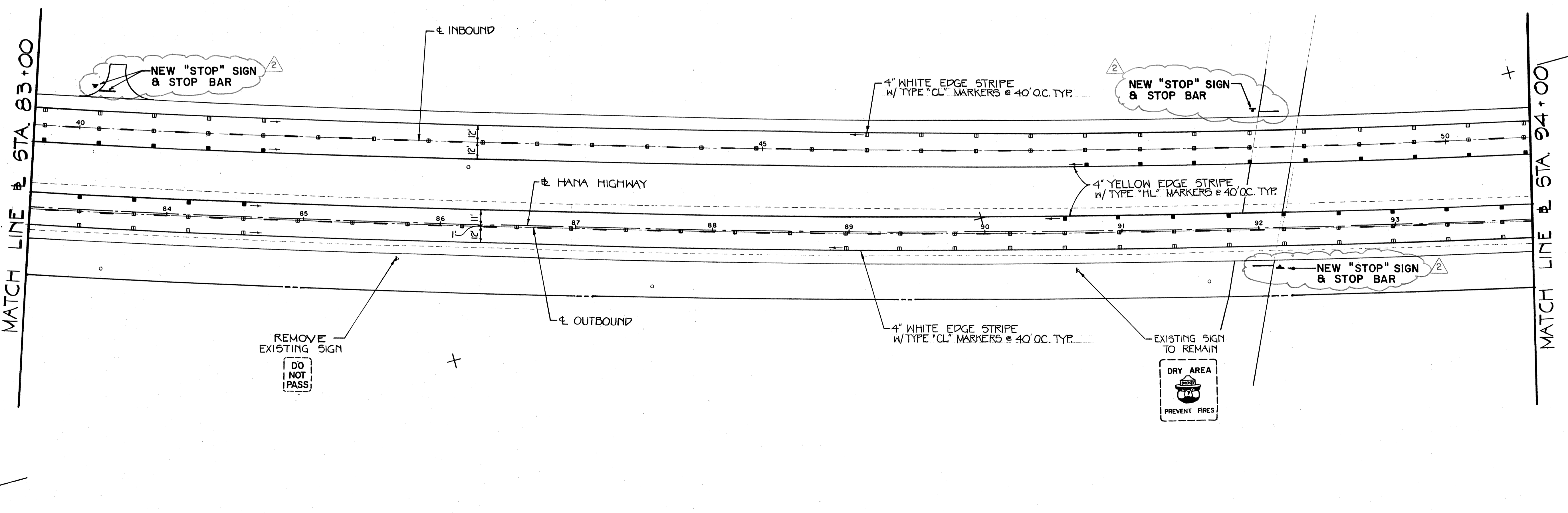
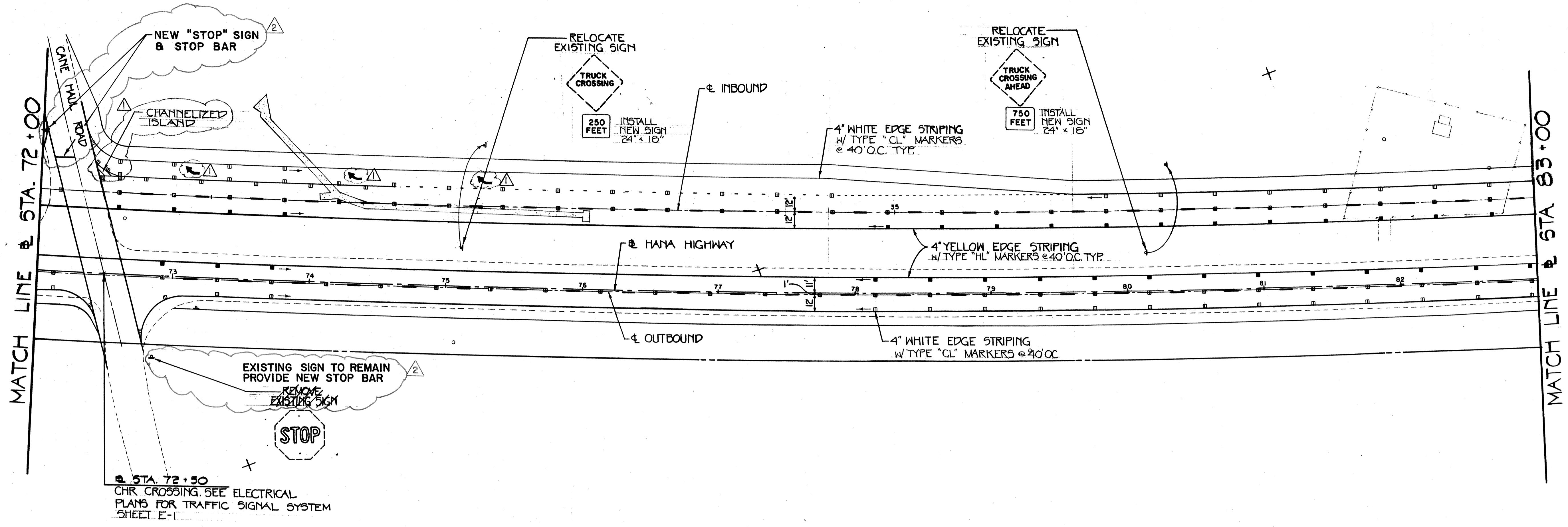
HANA HIGHWAY IMPROVEMENTS

PROJECT NO. :  
STATE NO. AM-1061-12  
AIP NO. 3-15-0006-11  
SHEET TITLE :

PAVEMENT MARKING & SIGNING PLAN

DATE 11-15-89  
DRAWING NO. C-41





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DSGN.	DRWN.	CHKD.	APPD.
R.H.	C.N.	R.T.T.	

KEY PLAN / NOTES :

AS-BUILT DRAWINGS  
REVISED PER DOT-H REQUIREMENTS.

NO.	DATE	REVISIONS
4-10-92		AS-BUILT DRAWINGS
7-17-90		REVISED PER DOT-H REQUIREMENTS.

**AS-BUILT** (Record Drawing)  
DATE 7/12/91

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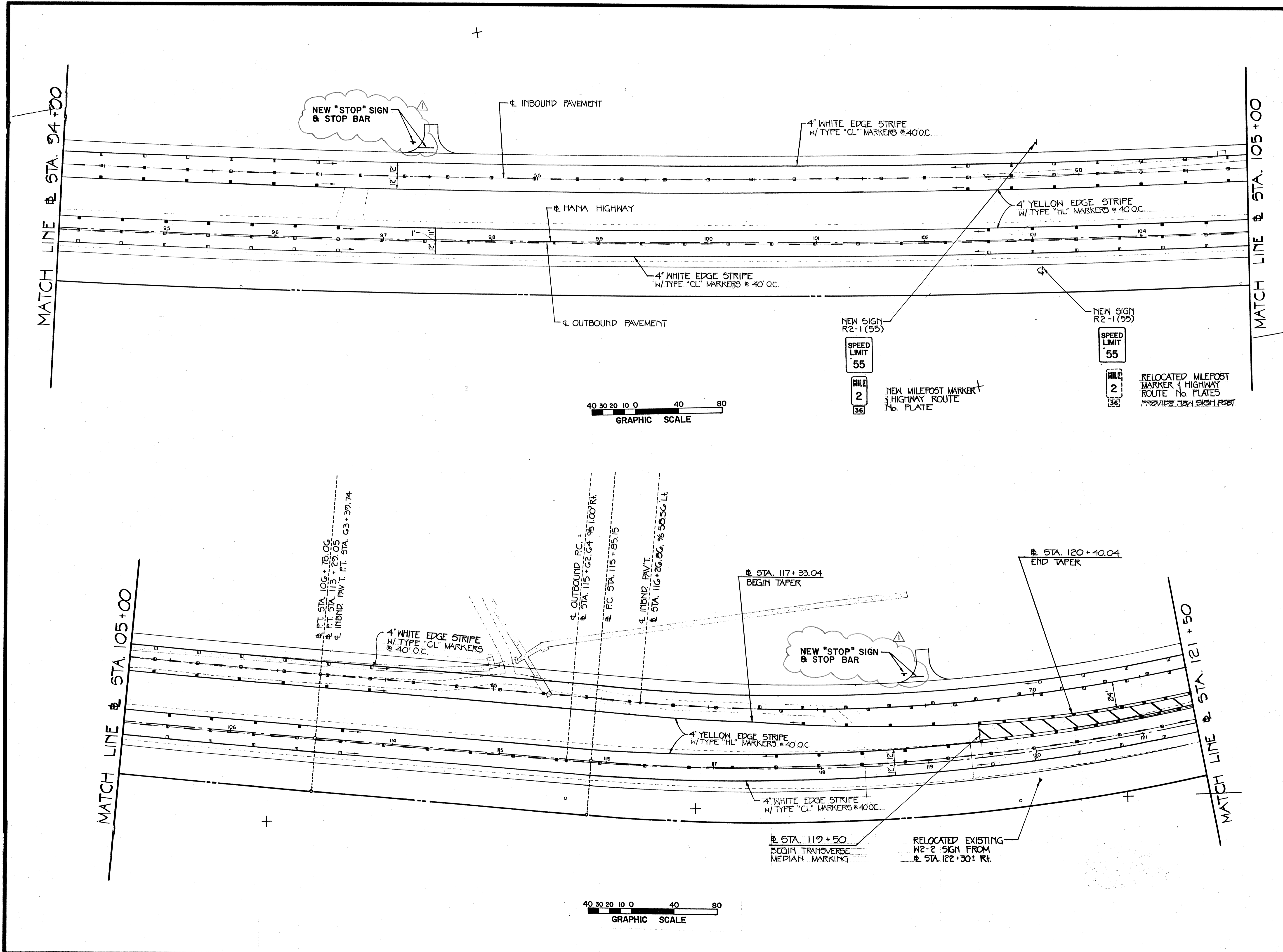
PROJECT TITLE :  
**HANA HIGHWAY IMPROVEMENTS**

PROJECT NO. :  
STATE NO. AM-1061-12  
AIP NO. 3-15-0006-11

SHEET TITLE :  
**PAVEMENT MARKING & SIGNING PLAN**

DATE :  
11-15-89

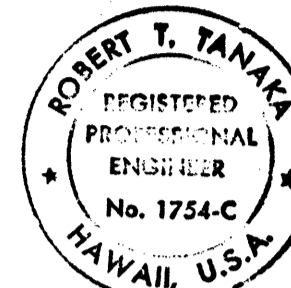
DWG. NO. :  
**C-43**



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*[Signature]*  
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DSGN. DRWN. CHKD. APPD.

R.H. C.N. R.T.T.

KEY PLAN / NOTES :

4-10-92 AS-BUILT DRAWINGS

NO. DATE REVISIONS

**AS-BUILT** (Record Drawing)

DATE 7/12/91

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PROJECT TITLE :

**HANA HIGHWAY IMPROVEMENTS**

PROJECT NO. :

STATE NO. AM-1061-12

AIP NO. 3-15-0006-11

SHEET TITLE :

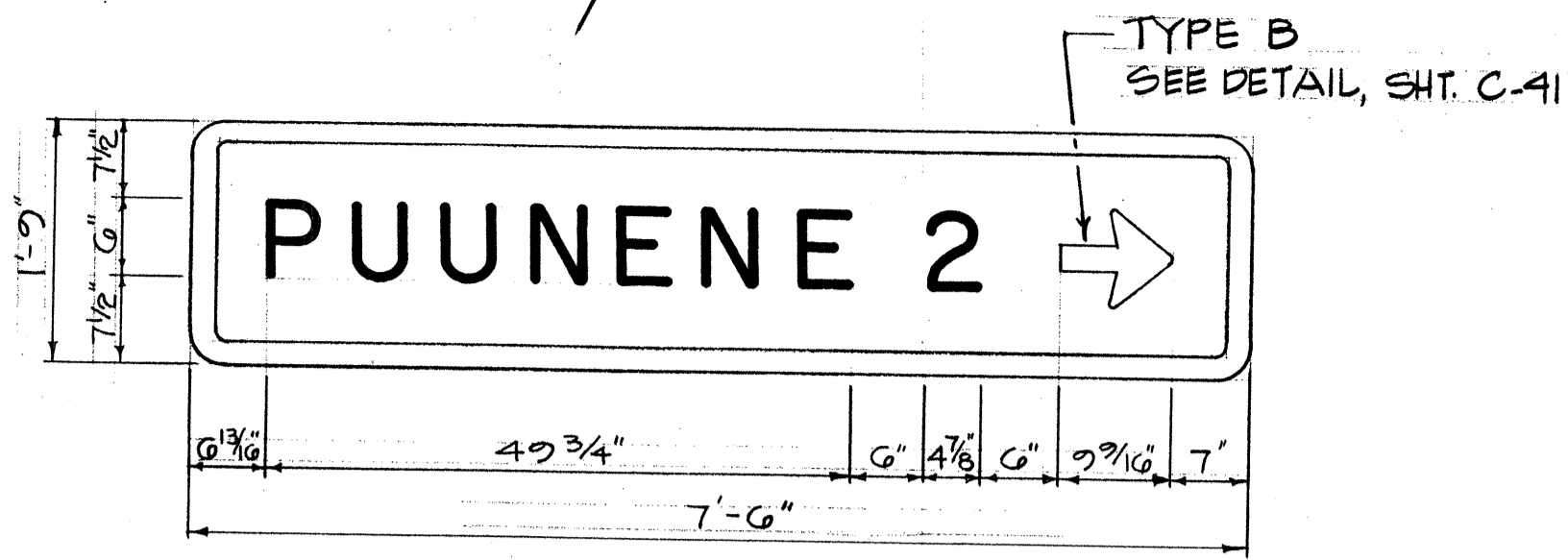
**PAVEMENT MARKING & SIGNING PLAN**

DATE 11-15-89

C-44

**GENERAL NOTES:**

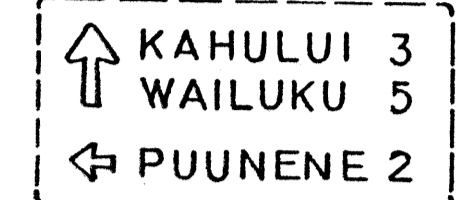
- SIGNS SHALL CONFORM TO THE LATEST EDITIONS AND AMENDMENTS OF THE FOLLOWING FHWA PUBLICATIONS:
  - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD)
  - "STANDARD HIGHWAY SIGNS"
  - "STANDARD ALPHABETS FOR HIGHWAY SIGNS"
- USE SERIES "E" LETTERS AND NUMERALS UNLESS OTHERWISE NOTED.
- BORDERS SHALL BE 2" WIDE UNLESS OTHERWISE NOTED. CORNER RADIUS SHALL BE IN ACCORDANCE WITH STANDARD PLAN TE-14.
- ARROWS SHALL CONFORM WITH DETAILS AS SHOWN ON PLAN.
- NEW SIGN PANELS SHALL BE LAMINATED ALUMINUM OR EXTRUDED ALUMINUM.
- FOR GROUND MOUNTED DESTINATION SIGN SUPPORTS AND SIGN POSTS, SEE STANDARD PLAN TE-02, TE-03 AND TE-24.
- THE MESSAGE, ARROWS AND BORDERS SHALL BE WHITE REFLECTORIZED ON GREEN REFLECTORIZED BACKGROUND.



PROVIDE TWO (2) POSTS

SIGN D1-1B  
SCALE: 3/4" = 1'-0"

RELOCATE EXISTING DESTINATION SIGN TO STA. 134+40 RT.

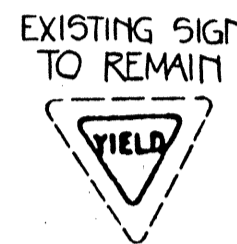


RELOCATE EXISTING SIGN



SEE SHEET C-25 FOR STRIPING LAYOUT AT INTERSECTION.

TYPE III (12" x 36") OBJECT MARKING WARNING SIGN AT APPROACH END OF BRIDGE PARAPETS.

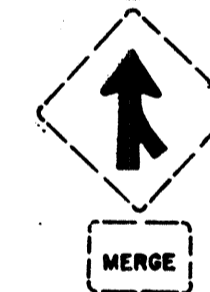


4" WHITE EDGE STRIPE w/ TYPE "CL" MARKERS @ 40' O.C.

4" WHITE EDGE STRIPE w/ TYPE "CL" MARKERS @ 40' O.C.

4" WHITE EDGE STRIPE w/ TYPE "CL" MARKER @ 40' O.C.

REMOVE EXISTING SIGN



NO.	DATE	REVISIONS
4-10-92		AS-BUILT DRAWINGS
7-17-90		REVISED PER DOT-H REQUIREMENTS

**AS-BUILT** (Record Drawing)  
DATE 7/12/91

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**PROJECT TITLE:**  
HANA HIGHWAY IMPROVEMENTS

**PROJECT NO.:**  
STATE NO. AM-1061-12  
AIP NO. 3-15-0006-11

**SHEET TITLE:**  
PAVEMENT MARKING & SIGNING PLAN

DATE 11-15-89  
DRAWING NO. C-45

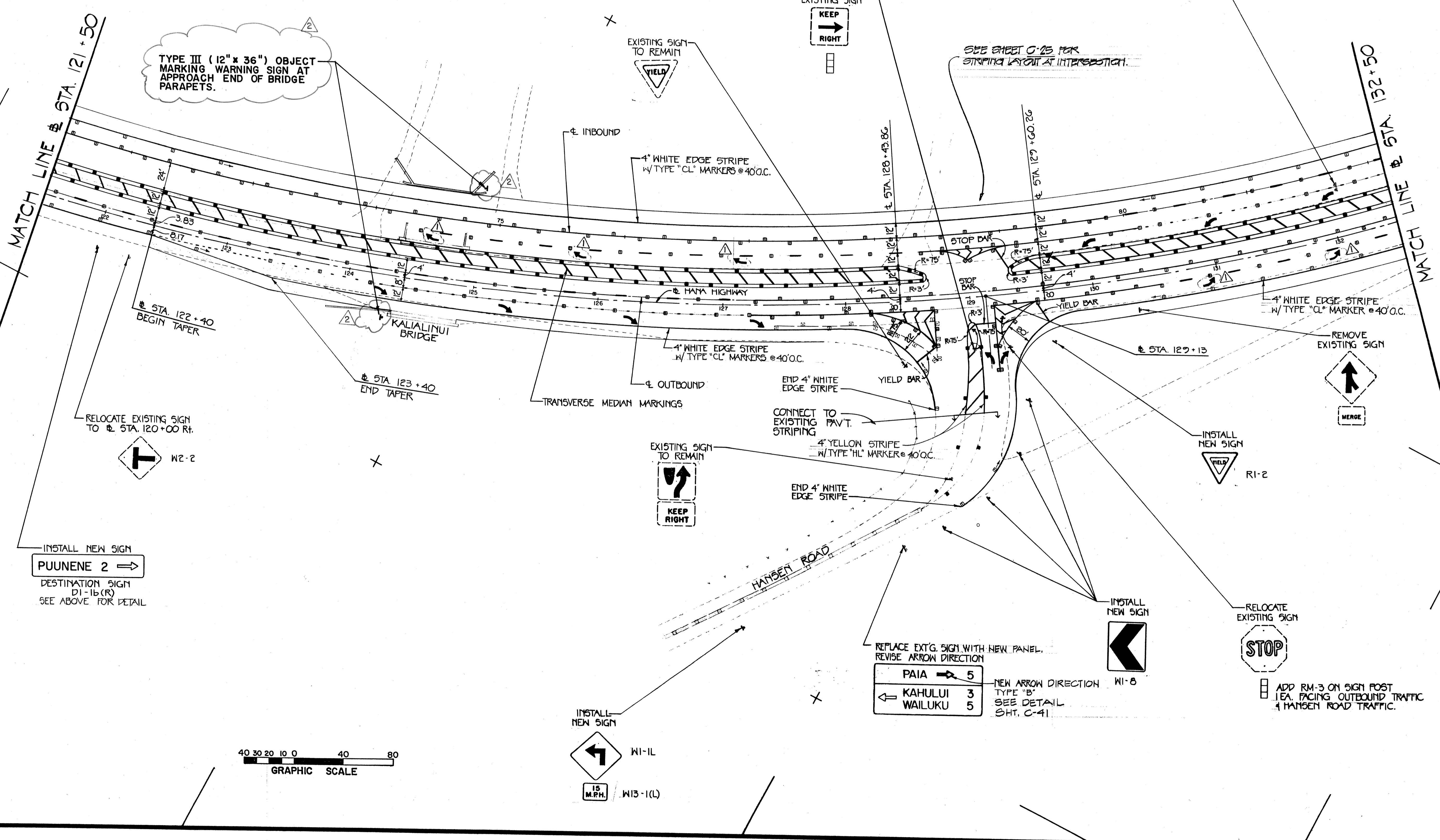
STATE OF HAWAII  
Airports Division

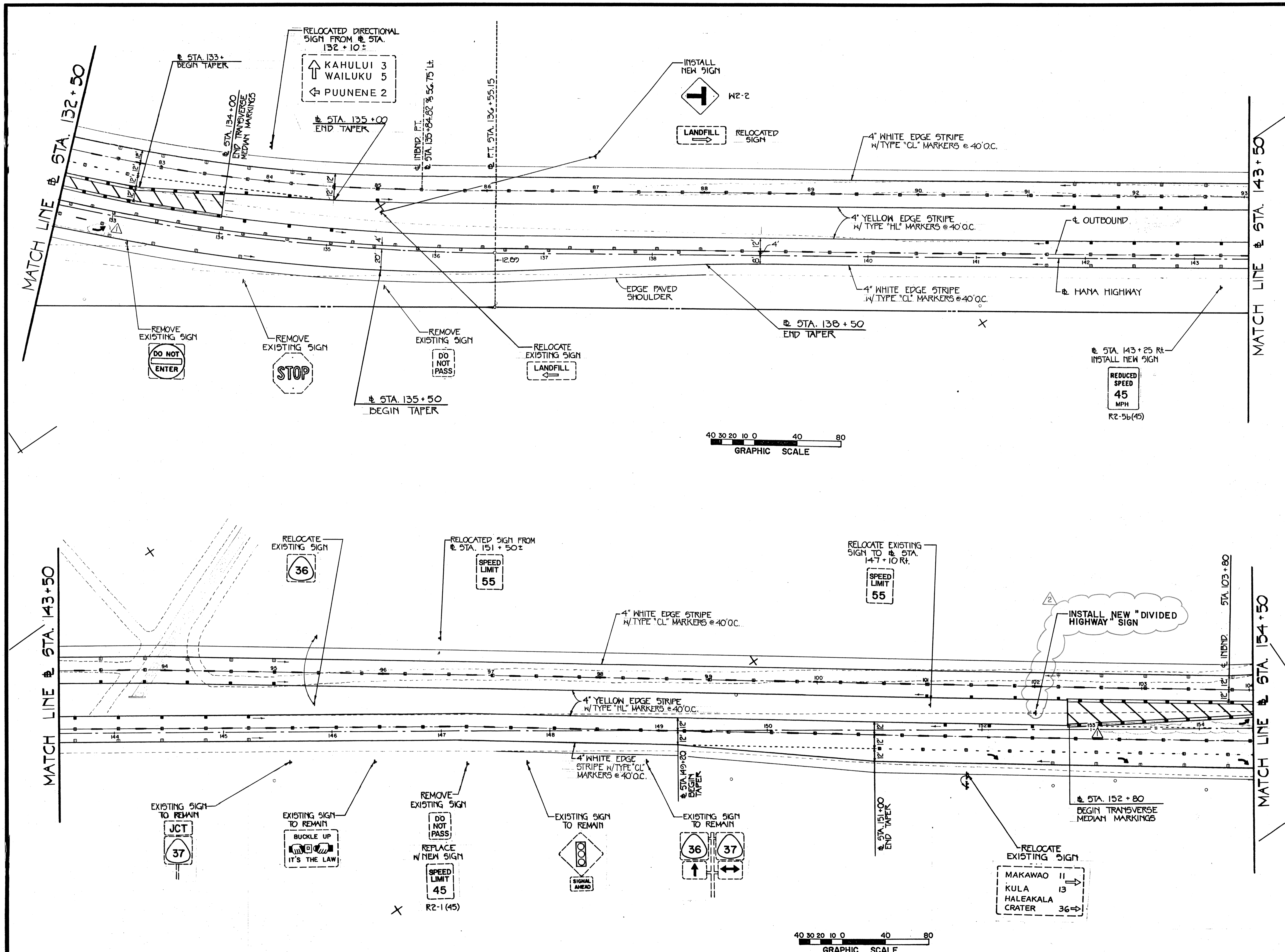
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ROBERT T. TANAKA  
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R. T. TANAKA ENGINEERS, INC.  
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DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII

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*Robert T. Tanaka*  
10/1/91

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DSGN.	DRWN.	CHKD.	APPD.
R.H.	C.N.	R.T.T.	

**KEY PLAN / NOTES :**

△ 4-10-92	AS-BUILT DRAWINGS	
△ 7-17-90	REVISED PER DOT-H REQUIREMENTS	
NO.	DATE	REVISIONS

**AS-BUILT** (Record Drawing)  
DATE 7/12/91

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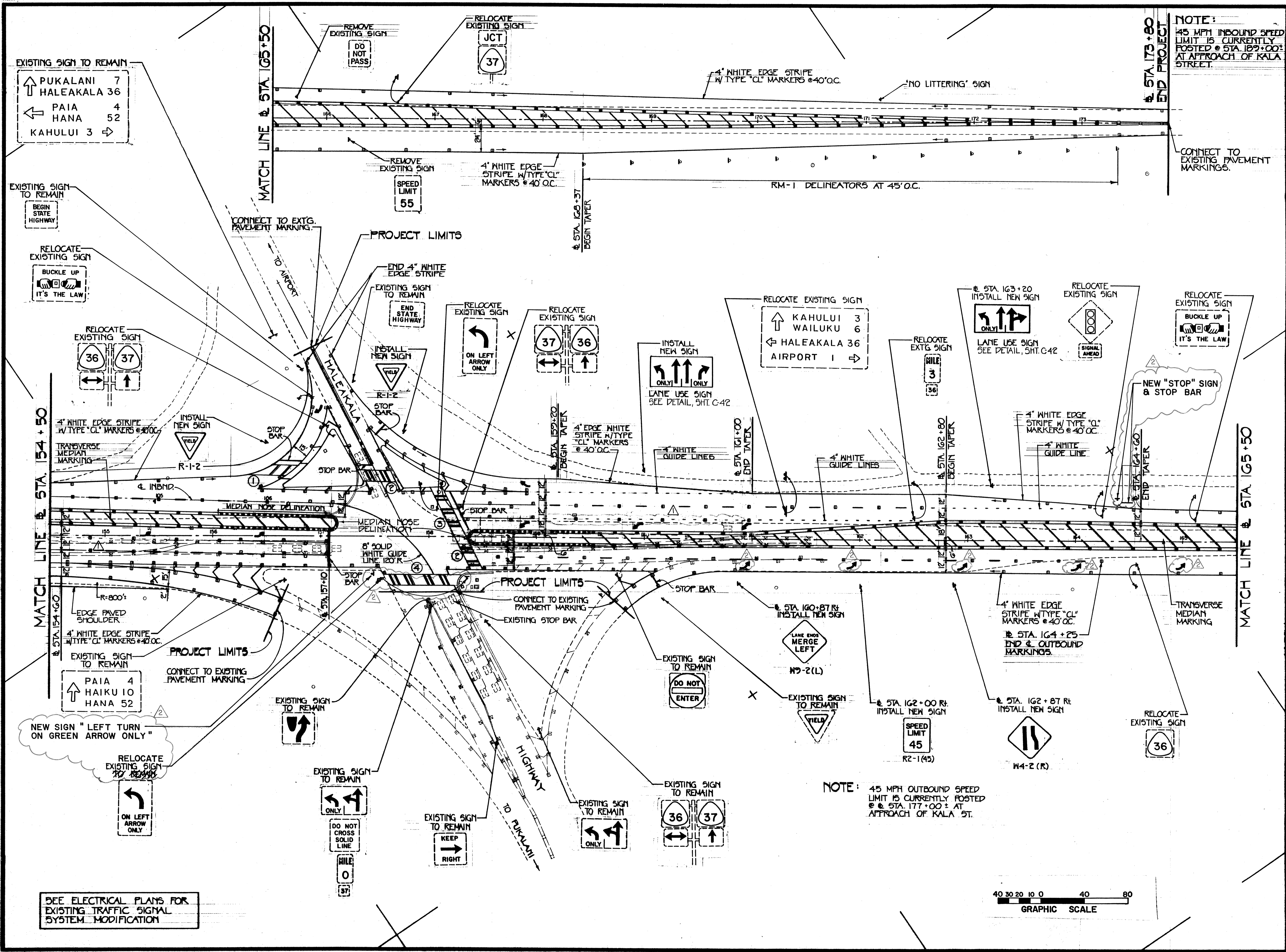
**PROJECT TITLE :**

**HANA HIGHWAY IMPROVEMENTS**

**PROJECT NO. :**  
STATE NO. AM-1061-12  
AIP NO. 3-15-0006-11

**SHEET TITLE :**  
**PAVEMENT MARKING & SIGNING PLAN**

DATE 11-15-89  
DWG. NO. C-46



**NOTE:**  
 45 MPH INBOUND SPEED LIMIT IS CURRENTLY POSTED @ STA. 162+00 AT APPROACH OF KALA STREET.

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DSGN.	DRWN.	CHKD.	APPD.
R.H.	C.N.	R.T.T.	

**KEY PLAN / NOTES :**

4-10-92	AS-BUILT DRAWINGS	
7-17-90	REVISED PER DOT-H REQUIREMENTS	
NO.	DATE	REVISIONS

**AS-BUILT** (Record Drawing)

DATE: 7/12/91

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**PROJECT TITLE :**

**HANA HIGHWAY IMPROVEMENTS**

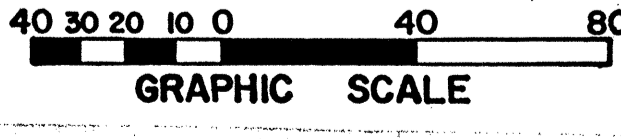
**PROJECT NO. :**

STATE NO. AM-1061-12  
 AIP NO. 3-15-0006-11

**SHEET TITLE :**

**PAVEMENT MARKING & SIGNING PLAN**

**NOTE:** 45 MPH OUTBOUND SPEED LIMIT IS CURRENTLY POSTED @ STA. 177+00 AT APPROACH OF KALA ST.



SEE ELECTRICAL PLANS FOR EXISTING TRAFFIC SIGNAL SYSTEM MODIFICATION

DATE: 11-15-89

**C-47**