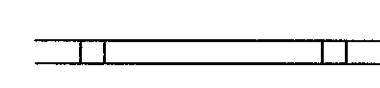

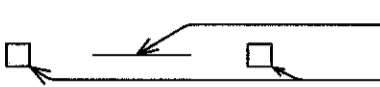
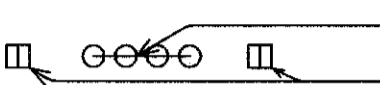
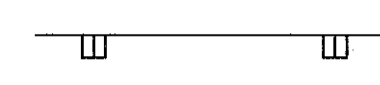

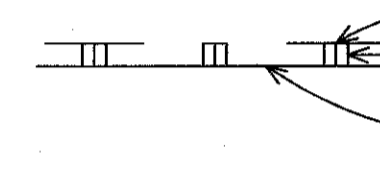
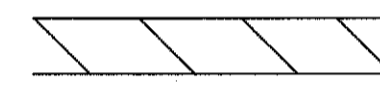
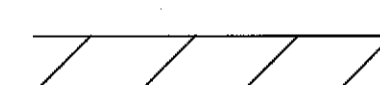
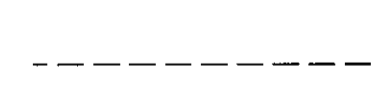
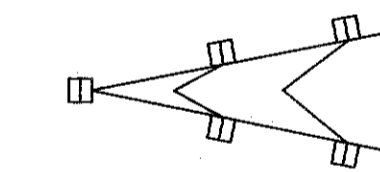
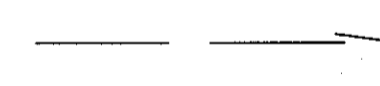
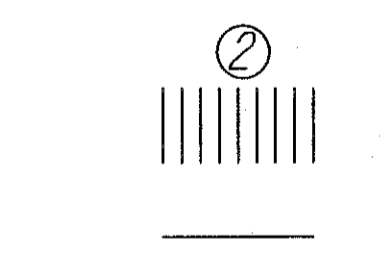
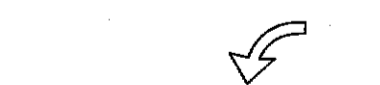



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	114	455

### LEGEND

-  4" Double Solid Yellow with Type D Raised Markers @ 20'-0" o.c. (Thermoplastic Extrusion)
-  8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Thermoplastic Extrusion)
-  4 each Type J Raised Pavement Markers Type D Raised Pavement Markers @ 40'-0" o.c.
-  4 each Type A Raised Pavement Markers Type C Raised Pavement Markers @ 40'-0" o.c.
-  6" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Thermoplastic Extrusion)
-  4 each Type A Raised Pavement Markers Type C Raised Pavement Markers @ 20'-0" o.c. 4" White Stripe (Thermoplastic Extrusion)
-  Transverse Median Marking (Thermoplastic Extrusion)
-  Transverse Shoulder Marking (Thermoplastic Extrusion)
-  4" White or Yellow Guide Lines (Thermoplastic Extrusion except for bus bays)
-  Channelizing Island or Deceleration Lane Gore (Thermoplastic Extrusion)
-  Milled Rumble Strips with 20 lf, 6" White Stripe
-  Crosswalk and Stop Line. All Stop Lines shall be 4'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Thermoplastic Extrusion)
-  Pavement Arrow (Thermoplastic Extrusion)
-  STOP Pavement Word (Thermoplastic Extrusion)

### REFLECTOR MARKER LEGEND

- ||| Bi-Directional Reflector Marker (RM-2, White) w/Post
- ||| Bi-Directional Reflector Marker (RM-3) w/Post

### NOTES

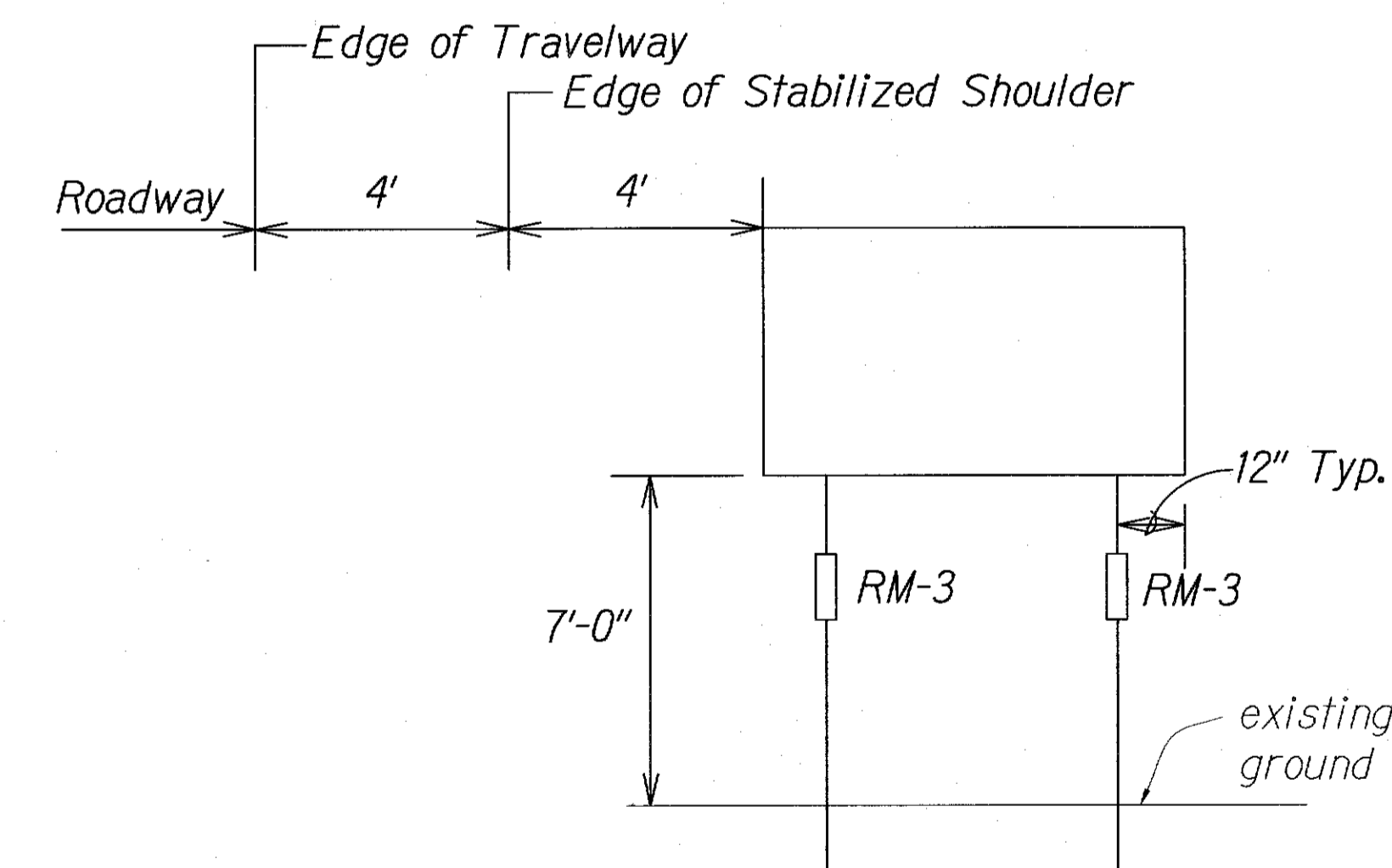
1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
5. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
6. Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
7. All pavement striping shall be as noted on the legend or plans. Line widths shall match existing.
8. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
9. The Contractor shall erect at the beginning of the project and at the 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 and shall be maintained by the Contractor. 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 State field office, or as directed by the Engineer, upon the completion of the project.
10. 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.
11. Backing for all new regulatory and warning signs shall not be spliced.
12. All sign panels shall conform to Section 621 of Special Provisions and the latest editions and amendments of the following FHWA publications:
  - a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
  - b. "Standard Highway Signs"
  - c. "Standard Alphabets for Highway Signs"
13. 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.
14. 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.
15. All permanent signs shall be installed with square tube posts, unless otherwise specified, ~~as flexible posts.~~

### NOTES (cont.)

16. Except where installed behind guardrails, all steel sign posts within the clear zone defined by the AASHTO Roadside Design Guide shall be painted with reflective yellow paint. This requirement is in addition to any reflector marker or marking called out in the contract.
17. All existing signs on existing light poles South of Waokanaka Street shall be relocated to the nearest new pole as necessary.
18. Sign graphics on the signing and striping plans shown on the inbound side of the highway are facing inbound traffic. Sign graphics shown on the outbound side of the highway are facing outbound traffic.

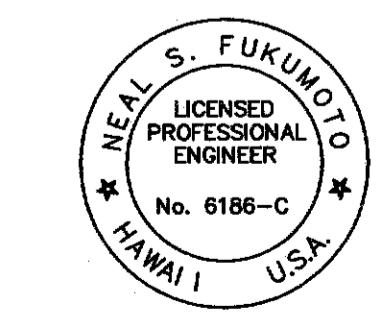
### SIGN KEY

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Barrier Bracket



### DETAIL - FRAME LAYOUT

Not to Scale



This work was prepared by me or under my supervision. Exp. 04-30-18  
 Neal S. Fukumoto  
 Wesley R. Segowd & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

### SIGNING AND STRIPING NOTES

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: NTS Date: February 2017

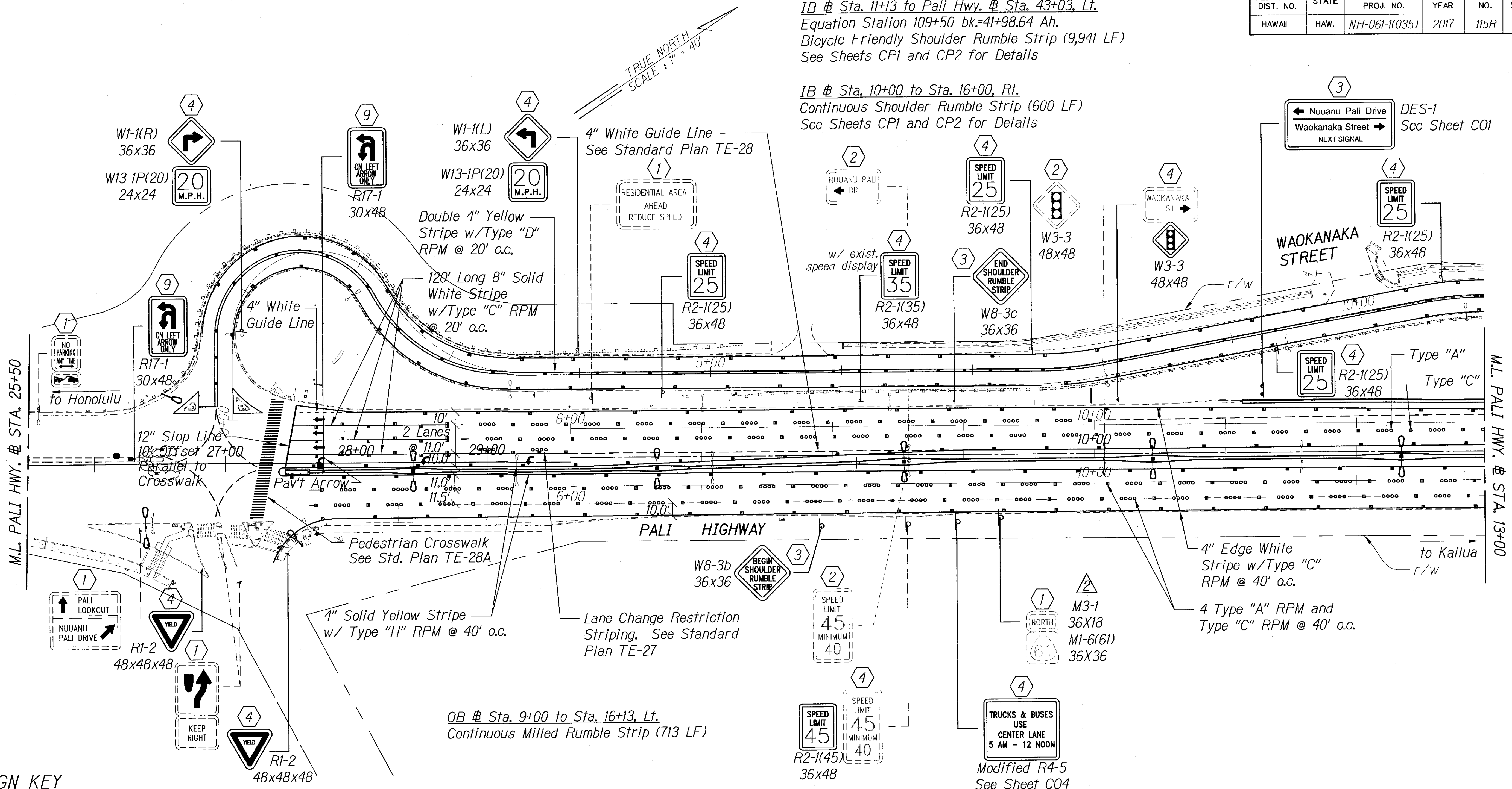
SURVEY PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 QUANTITIES BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-(035)	2017	115R	455

1B @ Sta. 11+13 to Pali Hwy. @ Sta. 43+03, Lt.  
 Equation Station 109+50 bk.=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

1B @ Sta. 10+00 to Sta. 16+00, Rt.  
 Continuous Shoulder Rumble Strip (600 LF)  
 See Sheets CP1 and CP2 for Details

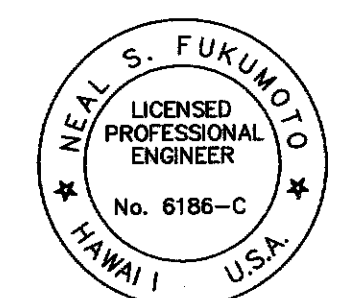
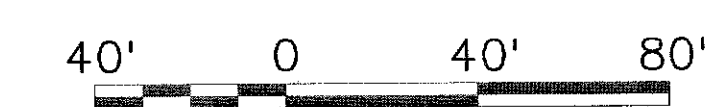
QB @ Sta. 9+00 to Sta. 16+13, Lt.  
 Continuous Milled Rumble Strip (713 LF)



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Revised Sign and Graphic Borders to be Dashed
- ③ Remove Existing Sign and Post
- ④ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ⑤ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑥ Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑧ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑩ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Wesley R. Segawa & Associates, Inc.

4/2/18	② Per Add. 2 Revised Sign Callout
DATE	DESCRIPTION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>SIGNING AND STRIPING PLAN</b>	
PALI HIGHWAY RESURFACING Waakanaka Street to Kamehameha Highway PALI HIGHWAY LIGHTING REPLACEMENT Vineyard Boulevard to Kamehameha Highway Federal Aid Project No. NH-061-(035) Scale: 1"=40' Date: February 2017	
SHEET No. CNI OF 24 SHEETS	

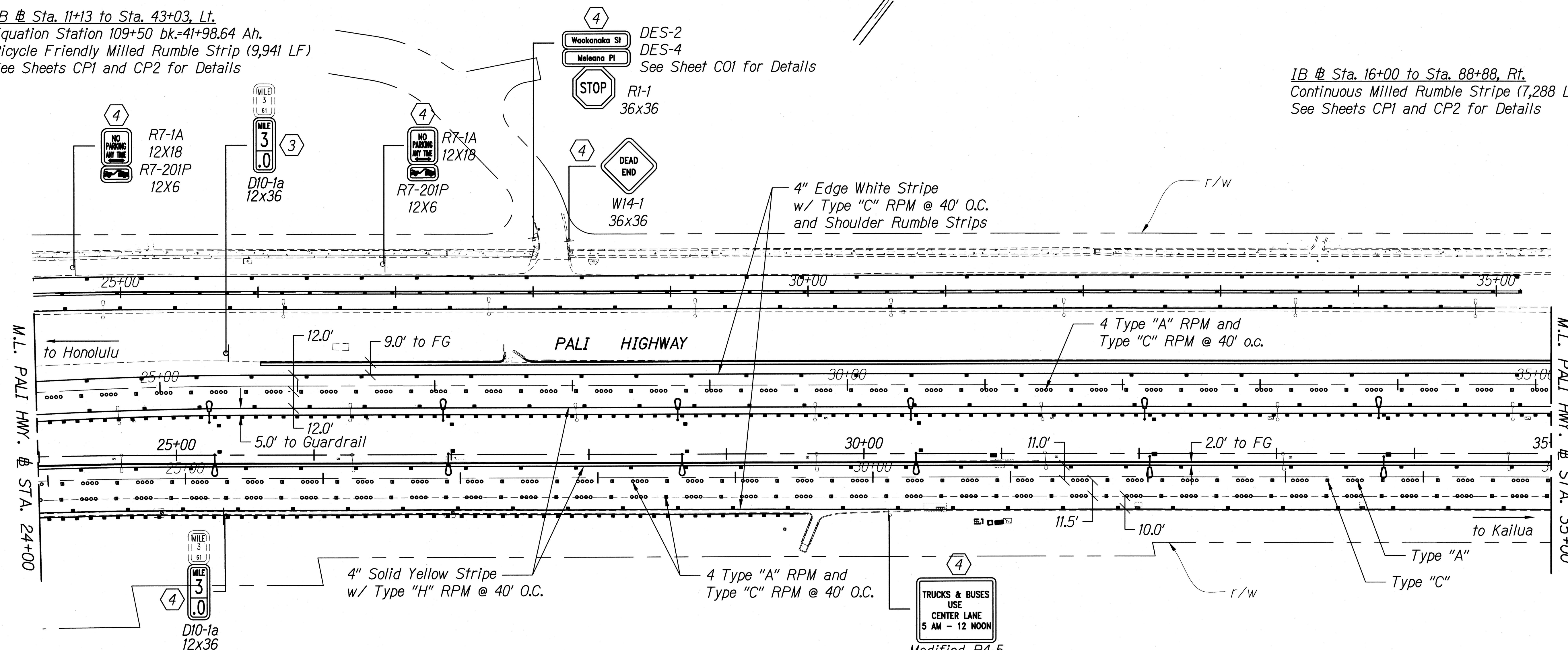
DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
DRAWN BY	_____
TRACED BY	_____
NOTE BOOK	_____
DESIGNED BY	_____
CHECKED BY	_____
NO.	_____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	117	455

IB @ Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk.=41+98.64 Ah.  
 Bicycle Friendly Milled Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

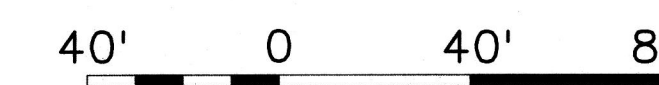
IB @ Sta. 16+00 to Sta. 88+88, Rt.  
 Continuous Milled Rumble Stripe (7,288 LF)  
 See Sheets CP1 and CP2 for Details



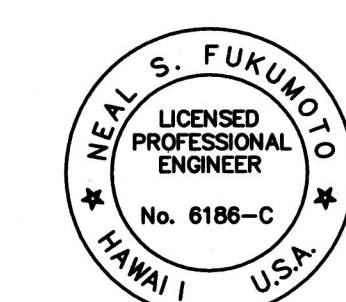
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	



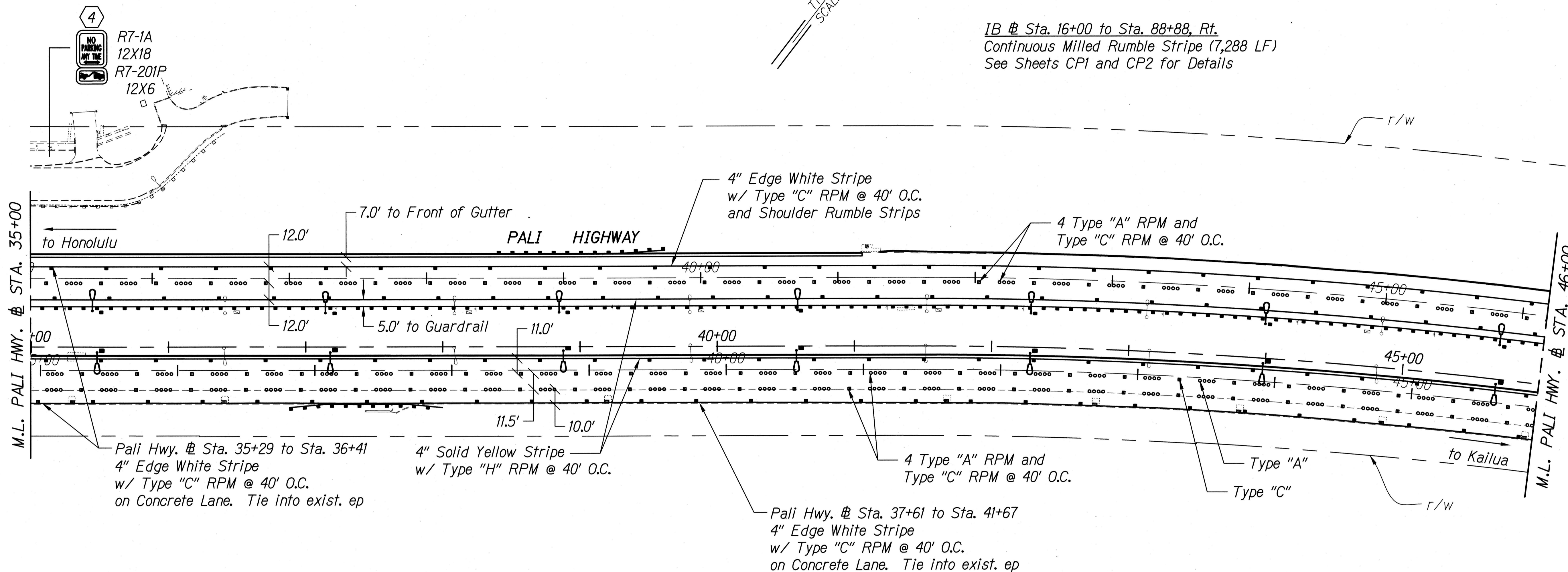
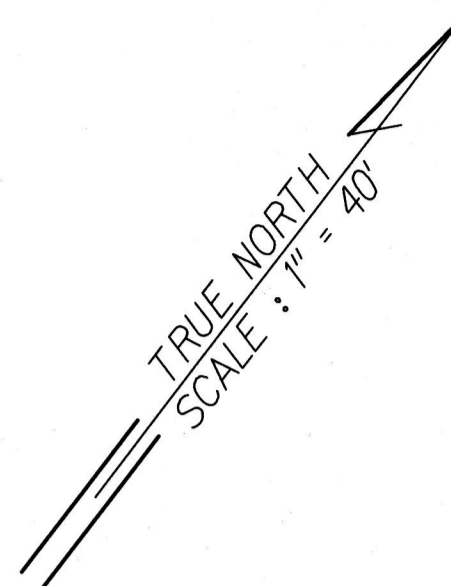
This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Wesley R. Sogawa & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
 PALI HIGHWAY RESURFACING  
 Waokanaka Street to Kamehameha Highway  
 PALI HIGHWAY LIGHTING REPLACEMENT  
 Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017  
 SHEET No. CN3 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	118	455

IB @ Sta. 11+13 to Sta. 43+03, Lt.  
Equation Station 109+50 bk=41+98.64 Ah.  
Bicycle Friendly Milled Rumble Strip (9,941 LF)  
See Sheets CP1 and CP2 for Details

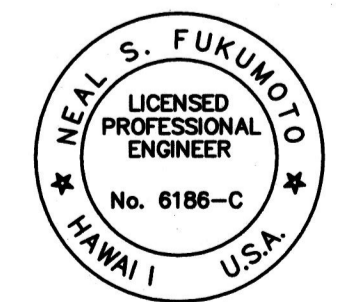
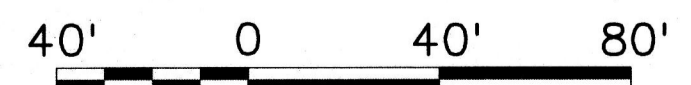
IB @ Sta. 16+00 to Sta. 88+88, Rt.  
Continuous Milled Rumble Strip (7,288 LF)  
See Sheets CP1 and CP2 for Details



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
**Waokanaka Street to Kamehameha Highway**  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
**Vineyard Boulevard to Kamehameha Highway**  
**Federal Aid Project No. NH-061-1(035)**

Scale: 1"=40' Date: February 2017

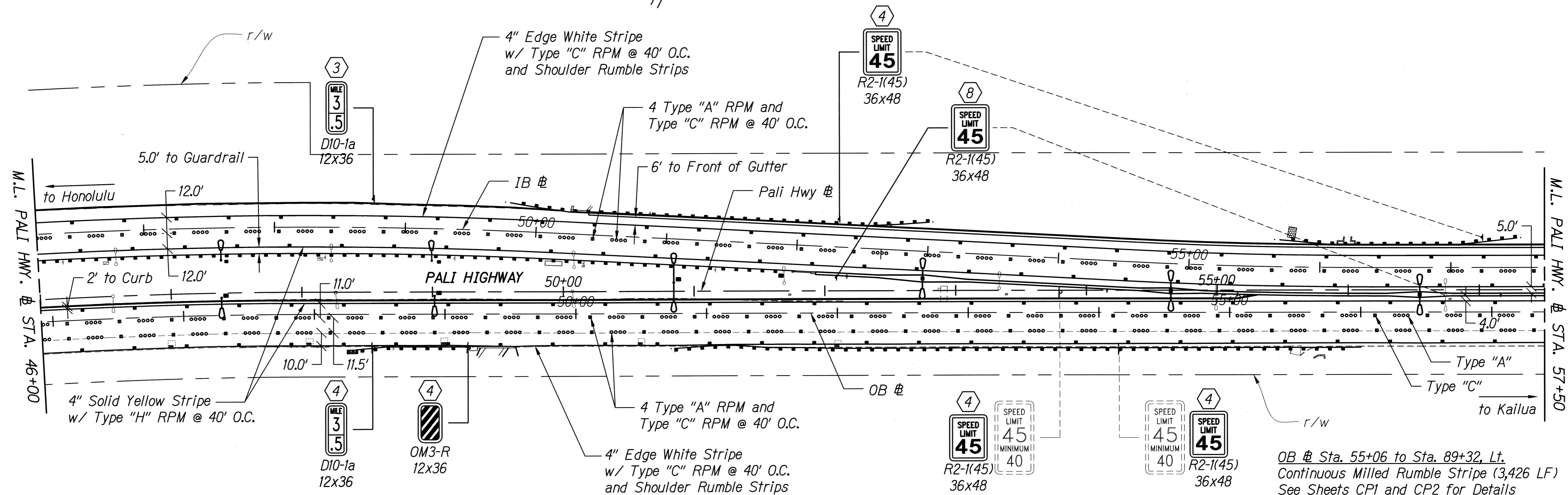
SHEET No. CN4 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	119	455

IB @ Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk.=41+98.64 Ah.  
 Bicycle Friendly Milled Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

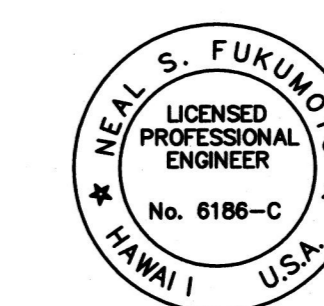
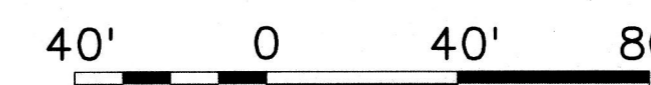
IB @ Sta. 16+00 to Sta. 88+88, Rt.  
 Continuous Milled Rumble Strip (7,288 LF)  
 See Sheets CP1 and CP2 for Details



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'

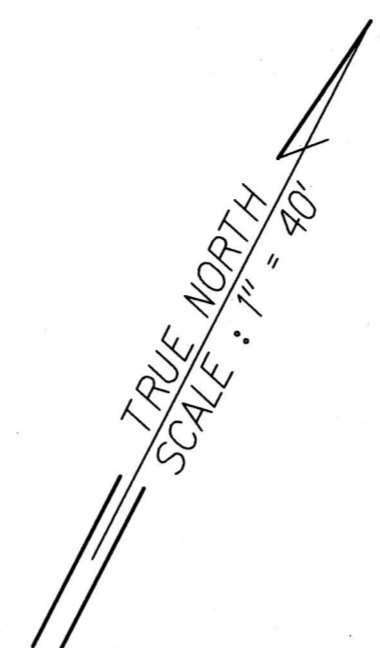


This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Westey R. Segawa & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
 PALI HIGHWAY RESURFACING  
 Waokanaka Street to Kamehameha Highway  
 PALI HIGHWAY LIGHTING REPLACEMENT  
 Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017  
 SHEET No. CN5 OF 24 SHEETS

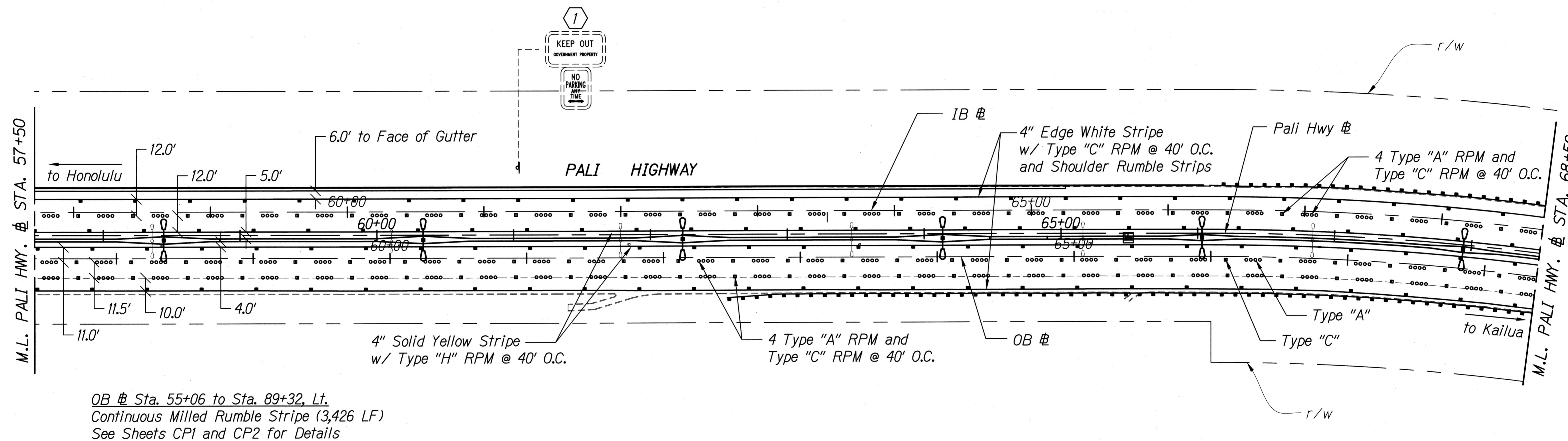
SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	120	455



IB @ Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk.=41+98.64 Ah.  
 Bicycle Friendly Milled Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

IB @ Sta. 16+00 to Sta. 88+88, Rt.  
 Continuous Milled Rumble Stripe (7,288 LF)  
 See Sheets CP1 and CP2 for Details

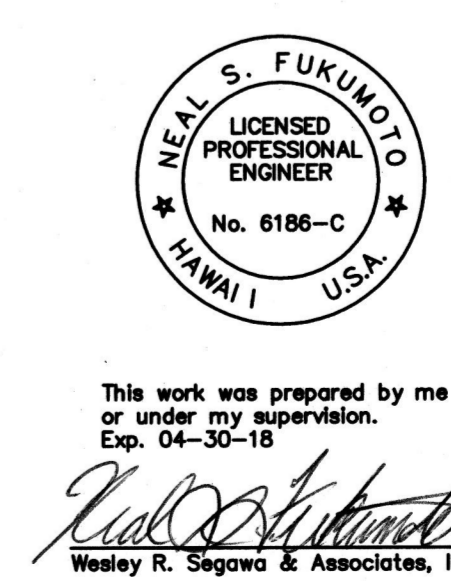
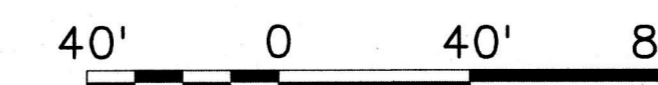


OB @ Sta. 55+06 to Sta. 89+32, Lt.  
 Continuous Milled Rumble Stripe (3,426 LF)  
 See Sheets CP1 and CP2 for Details

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
 Waokanaka Street to Kamehameha Highway  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
 Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017

SHEET No. CN6 OF 24 SHEETS

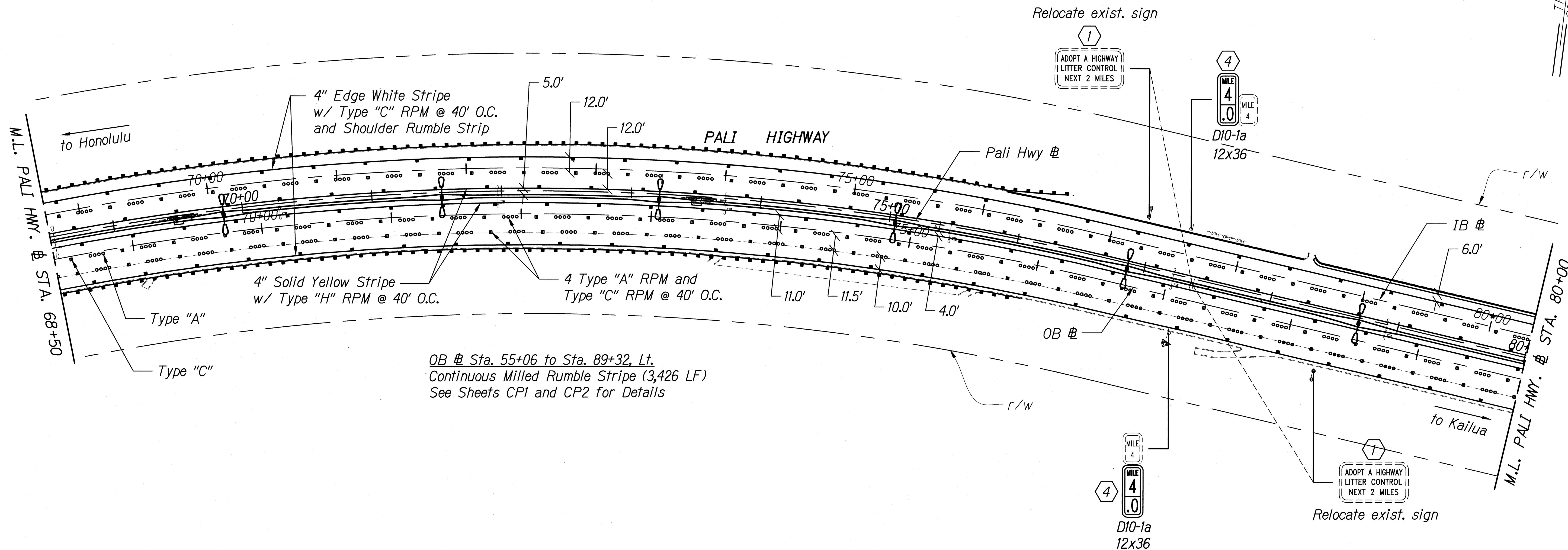
DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	121	455

IB # Sta. 11+13 to Sta. 43+03, Lt.  
Equation Station 109+50 bk.=41+98.64 Ah.  
Bicycle Friendly Milled Rumble Strip (9,941 LF)  
See Sheets CP1 and CP2 for Details

IB # Sta. 16+00 to Sta. 88+88, Rt.  
Continuous Milled Rumble Stripe (7,288 LF)  
See Sheets CP1 and CP2 for Details

TRUE NORTH  
SCALE: 1" = 40'



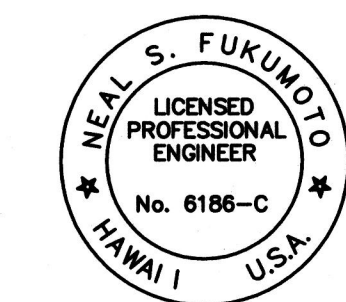
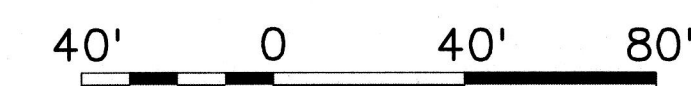
OB # Sta. 55+06 to Sta. 89+32, Lt.  
Continuous Milled Rumble Stripe (3,426 LF)  
See Sheets CP1 and CP2 for Details

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**

Scale: 1"=40'



This work was prepared by me or under my supervision. Exp. 04-30-18

Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

SHEET No. CN7 OF 24 SHEETS

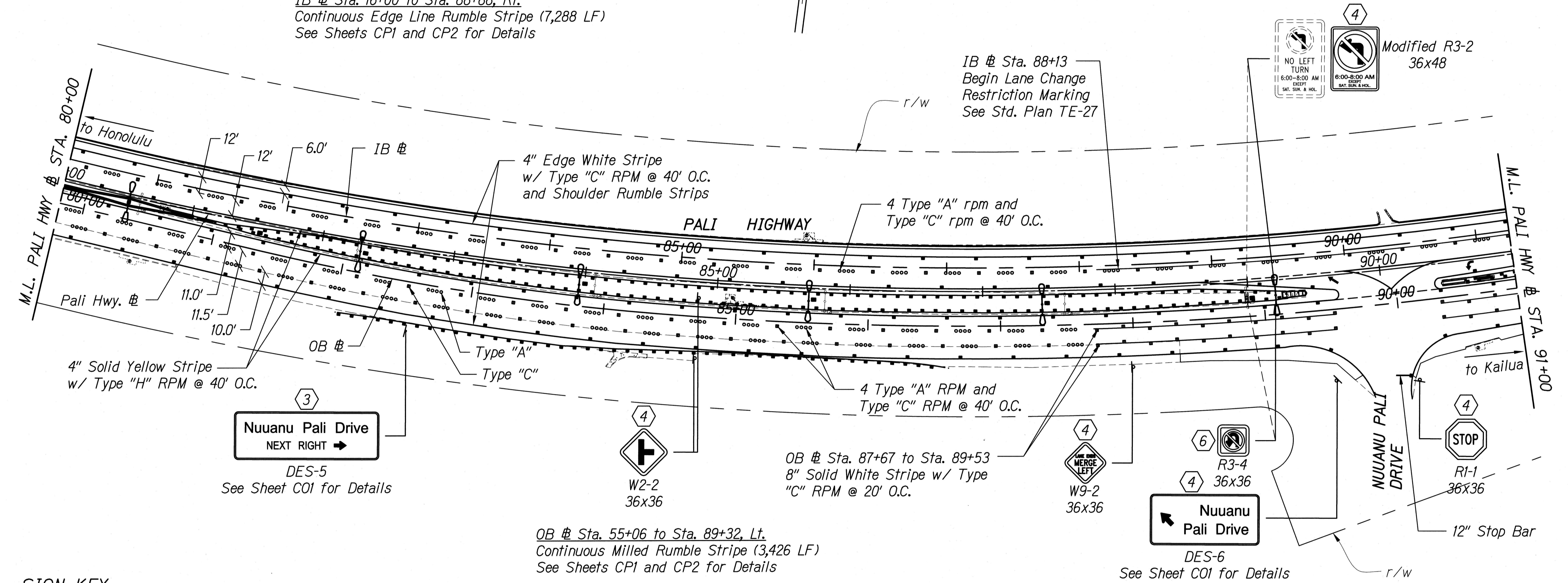
DESIGNED BY	DATE
FRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	122	455

IB # Sta. 11+13 to Sta. 43+03, Lt.  
Equation Station 109+50 bk.=41+98.64 Ah.  
Bicycle Friendly Shoulder Rumble Strip (9,941 LF)  
See Sheets CP1 and CP2 for Details

IB # Sta. 16+00 to Sta. 88+88, Rt.  
Continuous Edge Line Rumble Stripe (7,288 LF)  
See Sheets CP1 and CP2 for Details

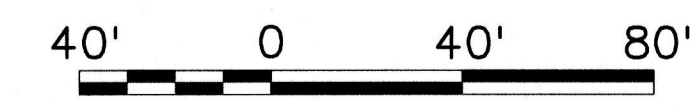
TRUE NORTH  
SCALE: 1" = 40'



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



NEAL S. FUKUNO  
LICENSED PROFESSIONAL ENGINEER  
No. 6186-C  
This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

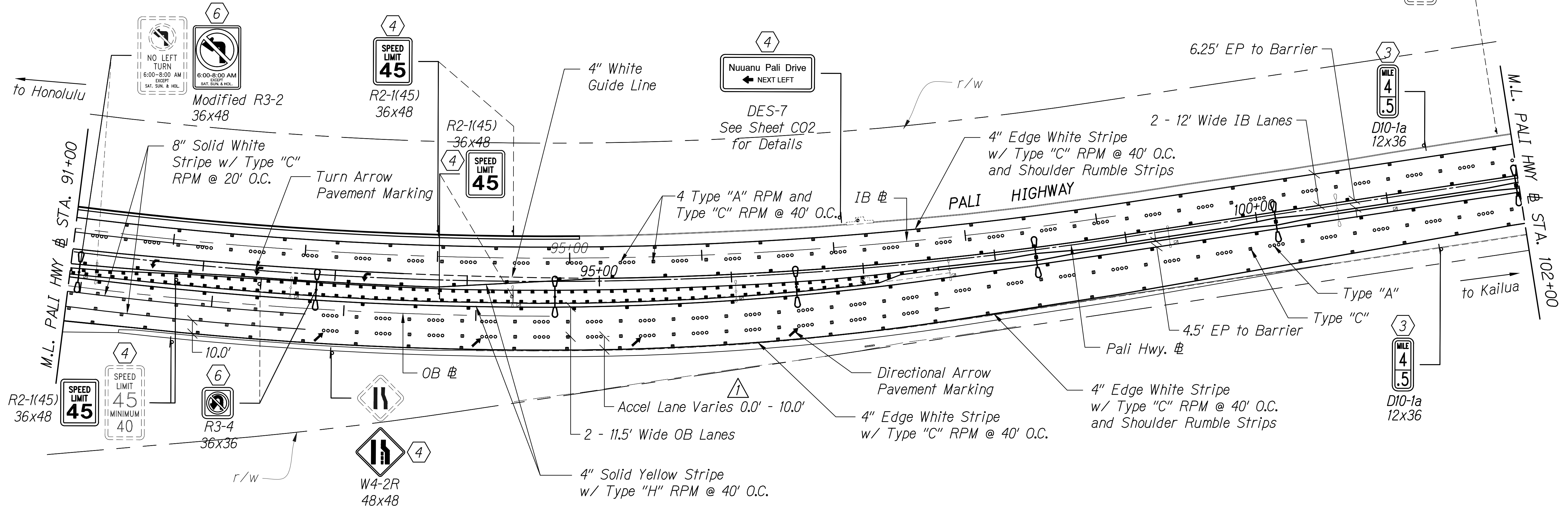
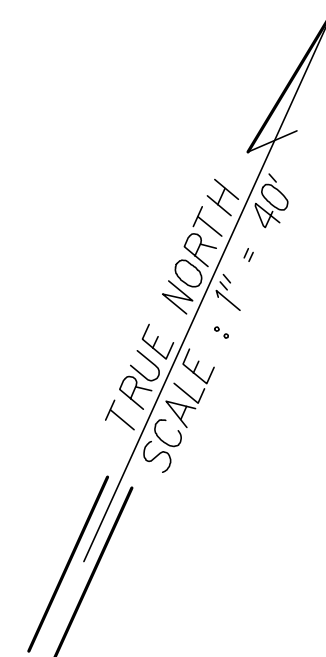
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017  
SHEET No. CN8 OF 24 SHEETS

DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	ADD. 123	455

IB @ Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

IB @ Sta. 96+00 to Sta. 107+00, Rt.  
 Continuous Shoulder Rumble Strip (1,100 LF)  
 See Sheets CP1 and CP2 for Details



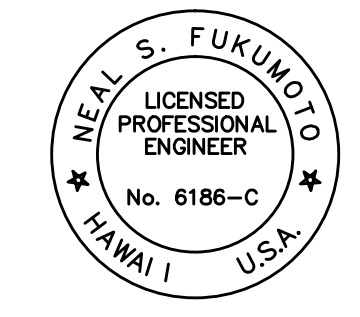
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

OB @ Sta. 91+50 to Sta. 42+00, Rt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (1,801 LF)  
 See Sheets CP1 and CP2 for Details

OB @ Sta. 91+50 to Sta. 89+02, Lt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Shoulder Rumble Stripe (6,503 LF)  
 See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



This work was prepared by me or under my supervision.  
 Exp. 04-30-18

Wesley R. Segawa & Associates, Inc.

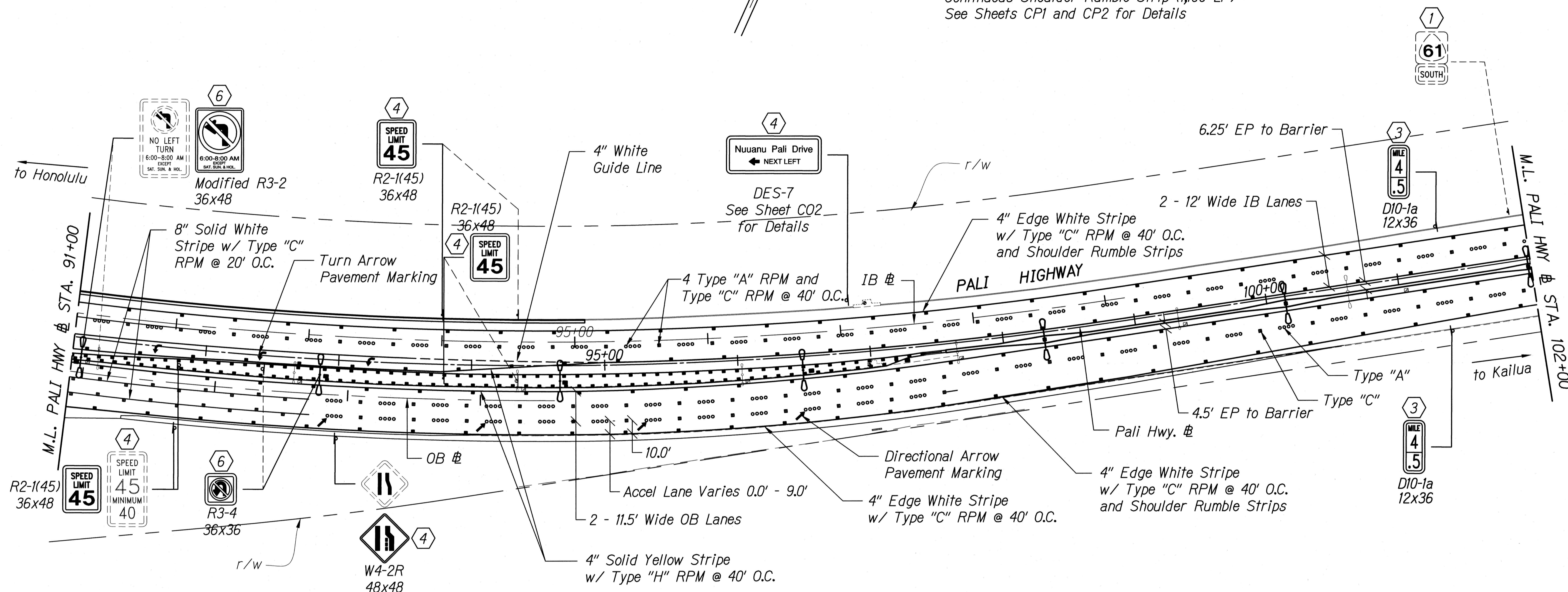
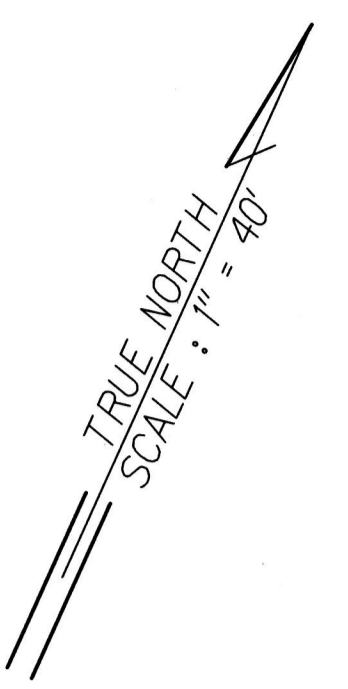
5/15/17	▲ Revised lane widths
DATE	DESCRIPTION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>SIGNING AND STRIPING PLAN</b>	
PALI HIGHWAY RESURFACING Waokanaka Street to Kamehameha Highway PALI HIGHWAY LIGHTING REPLACEMENT Vineyard Boulevard to Kamehameha Highway Federal Aid Project No. NH-061-1(035) Scale: 1"=40' Date: February 2017	
SHEET No. CN9 OF 24 SHEETS	

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
NOTE BOOK	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	123	455

IB # Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

IB # Sta. 96+00 to Sta. 107+00, Rt.  
 Continuous Shoulder Rumble Strip (1,100 LF)  
 See Sheets CP1 and CP2 for Details



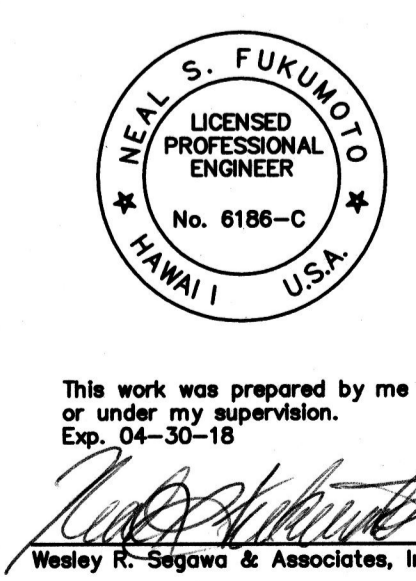
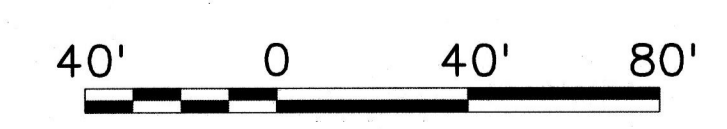
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

OB # Sta. 91+50 to Sta. 42+00, Rt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (1,801 LF)  
 See Sheets CP1 and CP2 for Details

OB # Sta. 91+50 to Sta. 89+02, Lt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Shoulder Rumble Stripe (6,503 LF)  
 See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
 PALI HIGHWAY RESURFACING  
 Waokanaka Street to Kamehameha Highway  
 PALI HIGHWAY LIGHTING REPLACEMENT  
 Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017  
 SHEET No. CN9 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
CHECKED BY	

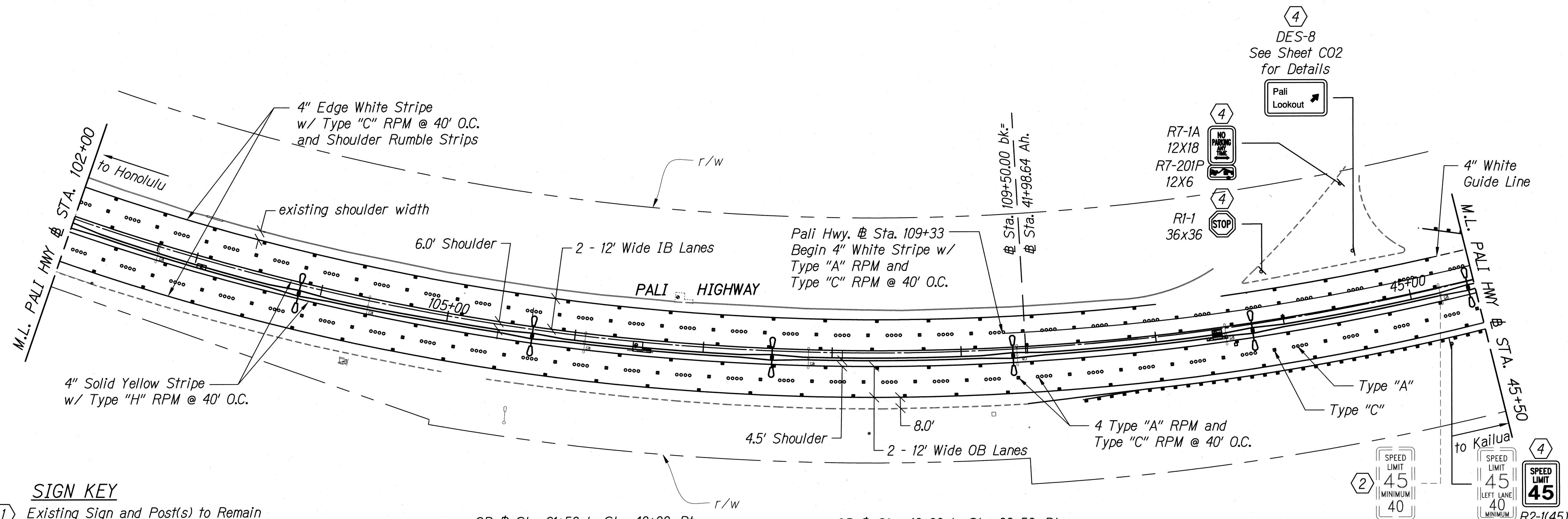
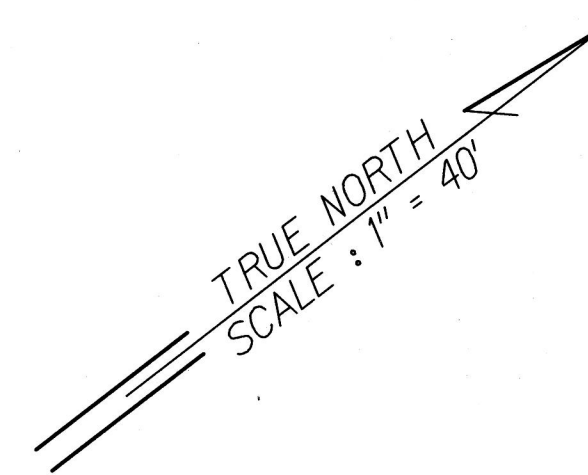
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	124	455

IB @ Sta. 11+13 to Sta. 43+03, Lt.  
 Equation Station 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (9,941 LF)  
 See Sheets CP1 and CP2 for Details

IB @ Sta. 43+74 to Sta. 45+22, Lt.  
 Bicycle Friendly Shoulder Rumble Strip (148 LF)  
 See Sheets CP1 and CP2 for Details

IB @ Sta. 96+00 to Sta. 107+00, Rt.  
 Continuous Shoulder Rumble Strip (1,100 LF)  
 See Sheets CP1 and CP2 for Details

IB @ Sta. 107+00 to Sta. 87+06, Rt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Edge Line Rumble Stripe (4,757 LF)  
 See Sheets CP1 and CP2 for Details



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

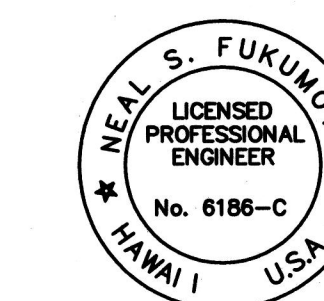
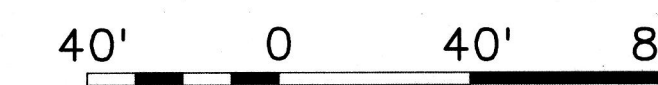
OB @ Sta. 91+50 to Sta. 42+00, Rt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Bicycle Friendly Shoulder Rumble Strip (1,801 LF)  
 See Sheets CP1 and CP2 for Details

OB @ Sta. 91+50 to Sta. 89+02, Lt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Shoulder Rumble Stripe (6,503 LF)  
 See Sheets CP1 and CP2 for Details

OB @ Sta. 42+00 to Sta. 82+50, Rt.  
 Bicycle Friendly Edge Line Rumble Stripe (4,050 LF)  
 See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**

Scale: 1"=40'



This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Neal S. Fukunaga  
 Wesley R. Segawa & Associates, Inc.

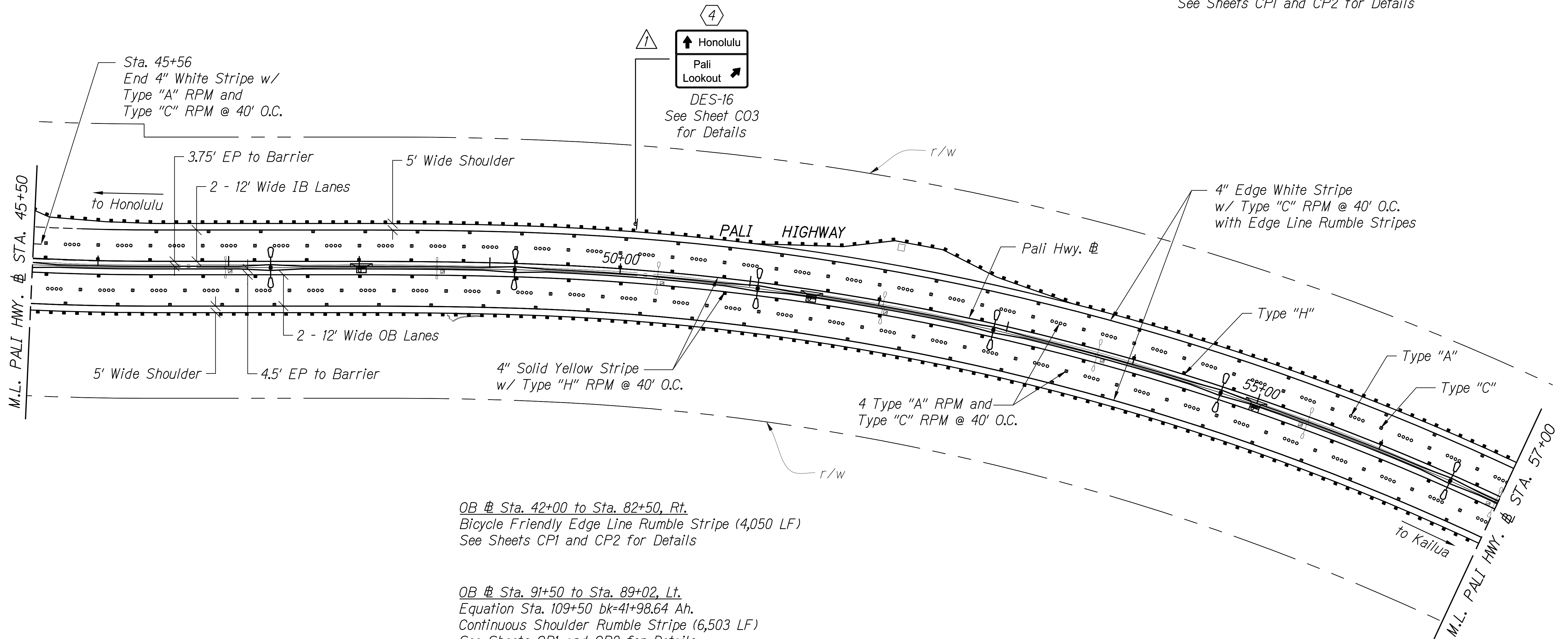
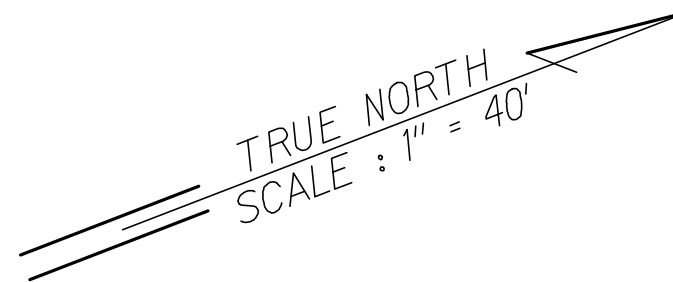
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017  
 SHEET No. CN10 OF 24 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
FRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
N.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	ADD. 125	455

IB @ Sta. 45+87 to Sta. 86+51, Lt.  
Bicycle Friendly Edge Line Rumble Stripe (4,064 LF)  
See Sheets CP1 and CP2 for Details

IB @ Sta. 107+00 to Sta. 87+06, Rt.  
Equation Sta. 109+50 bk=41+98.64 Ah.  
Continuous Edge Line Rumble Stripe (4,757 LF)  
See Sheets CP1 and CP2 for Details



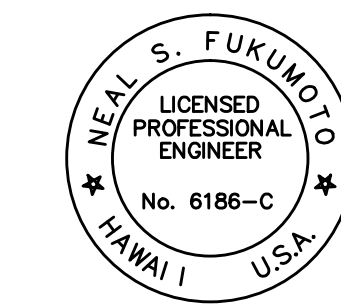
OB @ Sta. 42+00 to Sta. 82+50, Rt.  
Bicycle Friendly Edge Line Rumble Stripe (4,050 LF)  
See Sheets CP1 and CP2 for Details

OB @ Sta. 91+50 to Sta. 89+02, Lt.  
Equation Sta. 109+50 bk=41+98.64 Ah.  
Continuous Shoulder Rumble Stripe (6,503 LF)  
See Sheets CP1 and CP2 for Details

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



This work was prepared by me or under my supervision.  
Exp. 04-30-18

Wesley R. Segawa & Associates, Inc.

5/15/17	① Destination Sign Added
DATE	DESCRIPTION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>SIGNING AND STRIPING PLAN</b>	
PALI HIGHWAY RESURFACING Waokanaka Street to Kamehameha Highway PALI HIGHWAY LIGHTING REPLACEMENT Vineyard Boulevard to Kamehameha Highway Federal Aid Project No. NH-061-1(035) Scale: 1"=40'      Date: February 2017	

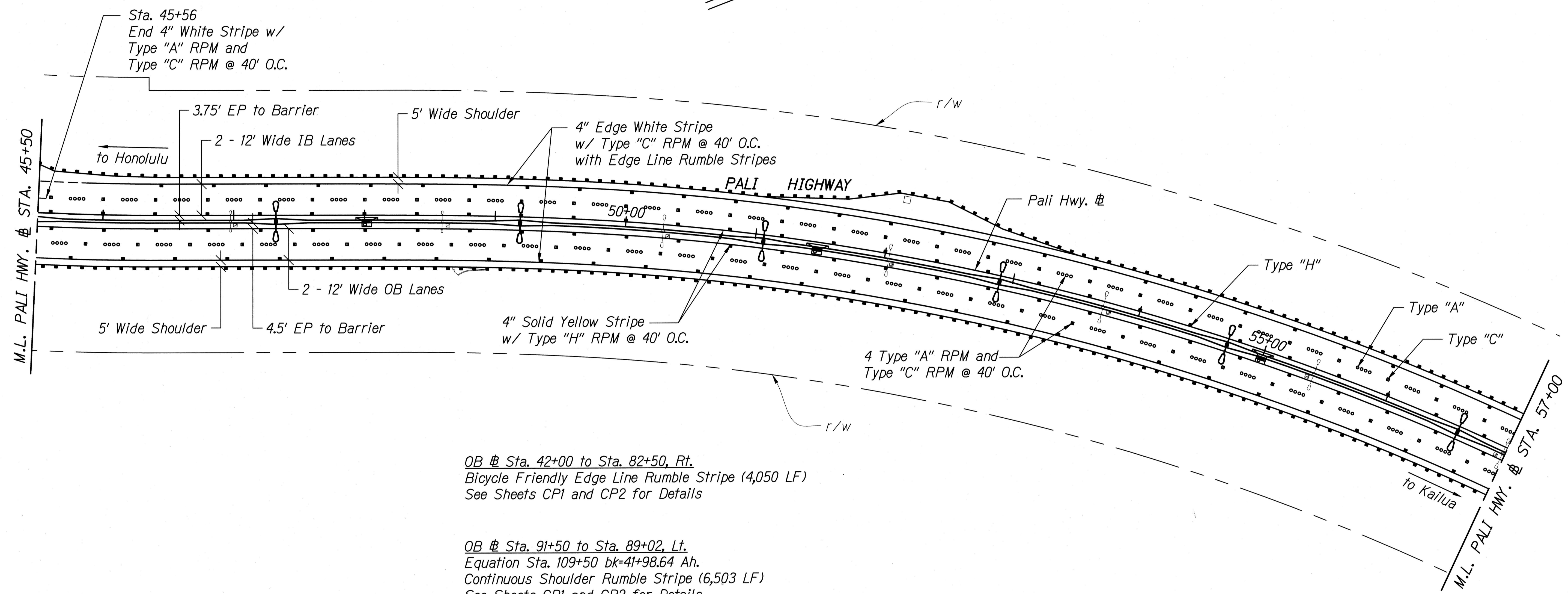
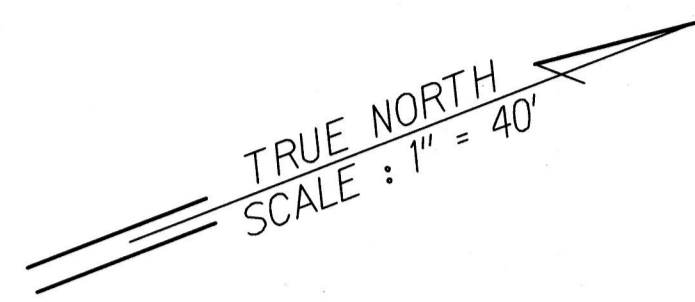
SHEET No. CN11 OF 24 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	125	455

IB # Sta. 45+87 to Sta. 86+51, Lt.  
 Bicycle Friendly Edge Line Rumble Stripe (4,064 LF)  
 See Sheets CPI and CP2 for Details

IB # Sta. 107+00 to Sta. 87+06, Rt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Edge Line Rumble Stripe (4,757 LF)  
 See Sheets CPI and CP2 for Details



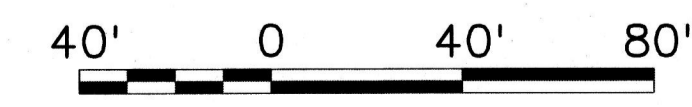
OB # Sta. 42+00 to Sta. 82+50, Rt.  
 Bicycle Friendly Edge Line Rumble Stripe (4,050 LF)  
 See Sheets CPI and CP2 for Details

OB # Sta. 91+50 to Sta. 89+02, Lt.  
 Equation Sta. 109+50 bk=41+98.64 Ah.  
 Continuous Shoulder Rumble Stripe (6,503 LF)  
 See Sheets CPI and CP2 for Details

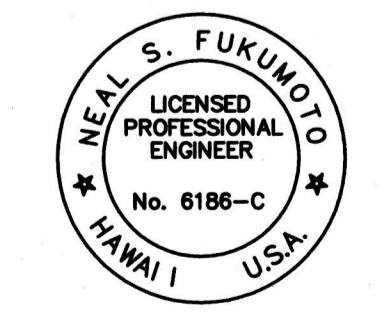
**SIGN KEY**

- 1 Existing Sign and Post(s) to Remain
- 2 Remove Existing Sign and Post
- 3 Install New Sign(s) w/Steel Post(s) and RM-3(s)
- 4 Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- 5 Install New Sign(s) on Light Post
- 6 Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- 7 Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- 8 Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- 9 Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017

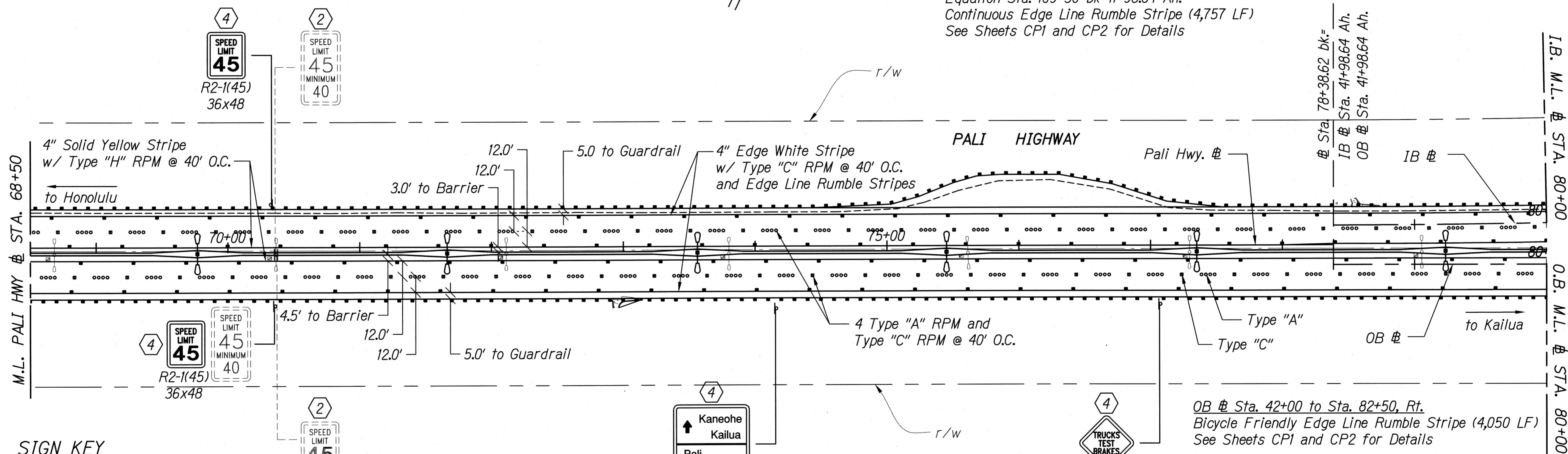
SHEET No. CN11 OF 24 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	127	455

IB @ Sta. 45+87 to Sta. 86+51, Lt.  
Bicycle Friendly Edge Line Rumble Stripe (4,064 LF)  
See Sheets CP1 and CP2 for Details

IB @ Sta. 107+00 to Sta. 87+06, Rt.  
Equation Sta. 109+50 bk=41+98.64 Ah.  
Continuous Edge Line Rumble Stripe (4,757 LF)  
See Sheets CP1 and CP2 for Details



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

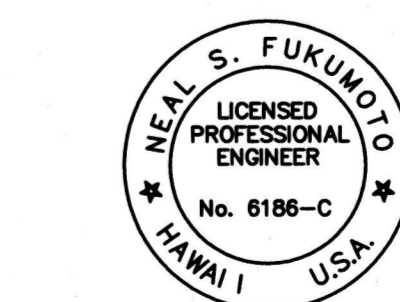
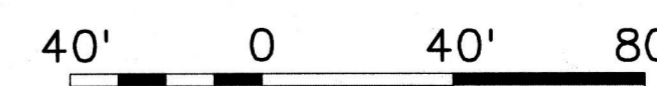
DES-9  
See Sheet C02 for Details

Modified W7-1  
36x36

OB @ Sta. 42+00 to Sta. 82+50, Rt.  
Bicycle Friendly Edge Line Rumble Stripe (4,050 LF)  
See Sheets CP1 and CP2 for Details

OB @ Sta. 91+50 to Sta. 89+02, Lt.  
Equation Sta. 109+50 bk=41+98.64 Ah.  
Continuous Shoulder Rumble Stripe (6,503 LF)  
See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



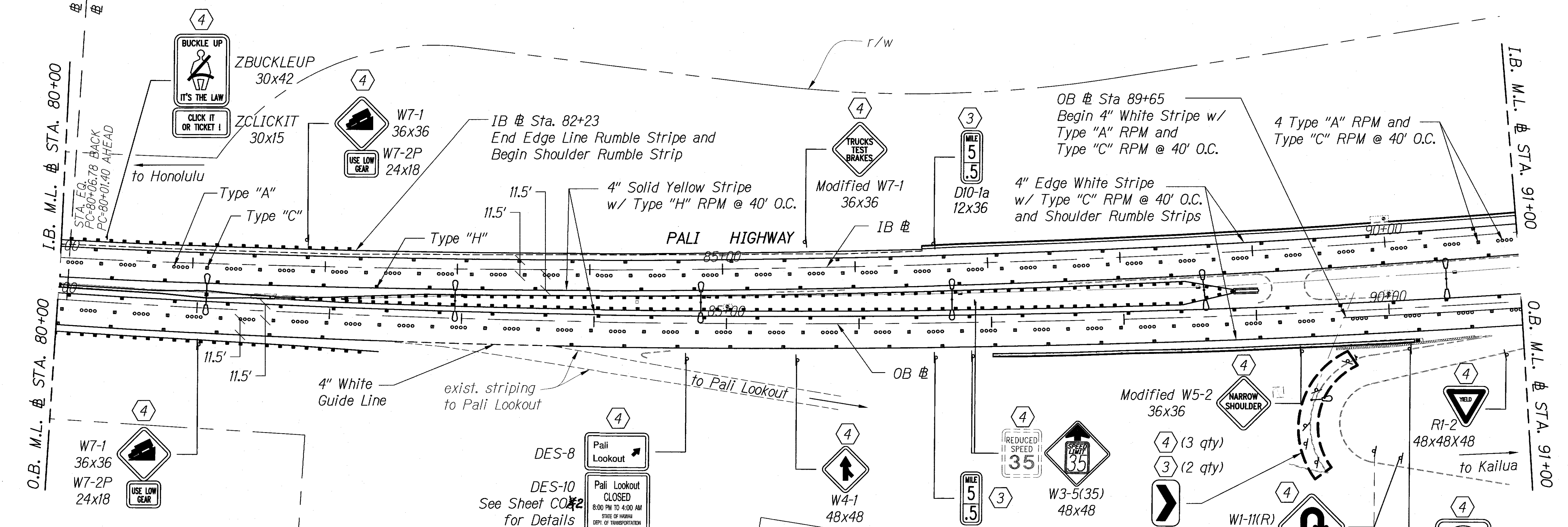
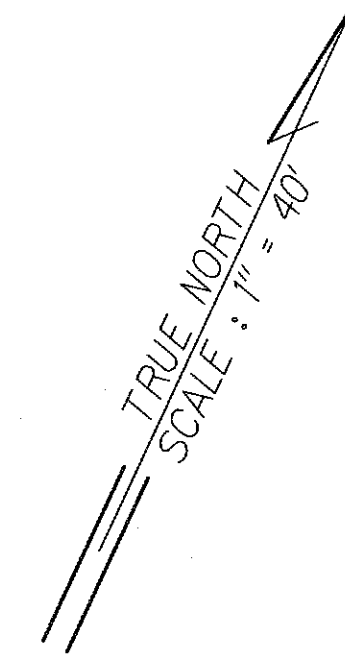
This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017  
SHEET No. CN13 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	128	455

IB # Sta. 45+87 to Sta. 86+51, Lt.  
 Bicycle Friendly Edge Line Rumble Stripe (4,064 LF)  
 See Sheets CP1 and CP2 for Details  
 IB # Sta. 86+51 to Sta. 96+00, Lt.  
 Bicycle Friendly Shoulder Rumble Strip (949 LF)  
 See Sheets CP1 and CP2 for Details

IB # Sta. 107+00 to Sta. 87+06, Rt.  
 Equation Sta. 109+50 bk-41+98.64 Ah.  
 Continuous Edge Line Rumble Stripe (4,757 LF)  
 See Sheets CP1 and CP2 for Details



- SIGN KEY**
- 1 Existing Sign and Post(s) to Remain
  - 2 Remove Existing Sign and Post
  - 3 Install New Sign(s) w/Steel Post(s) and RM-3(s)
  - 4 Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
  - 5 Install New Sign(s) on Light Post
  - 6 Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
  - 7 Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
  - 8 Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
  - 9 Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

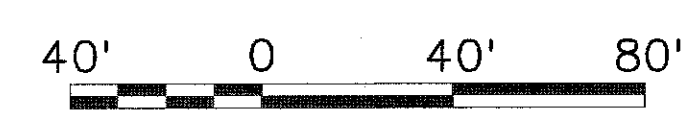
OB # Sta. 89+60 to Sta. 91+66, Lt.  
 Continuous Shoulder Rumble Stripe (206 LF)  
 See Sheets CP1 and CP2 for Details

OB # Sta. 91+50 to Sta. 89+02, Lt.  
 Equation Sta. 109+50 bk-41+98.64 Ah.  
 Continuous Shoulder Rumble Stripe (6,503 LF)  
 See Sheets CP1 and CP2 for Details

OB # Sta. 42+00 to Sta. 82+50, Rt.  
 Bicycle Friendly Edge Line Rumble Stripe (4,050 LF)  
 See Sheets CP1 and CP2 for Details

OB # Sta. 87+00 to Sta. 90+75, Rt.  
 Bicycle Friendly Shoulder Rumble Strip (375 LF)  
 See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
 Scale: 1"=40'



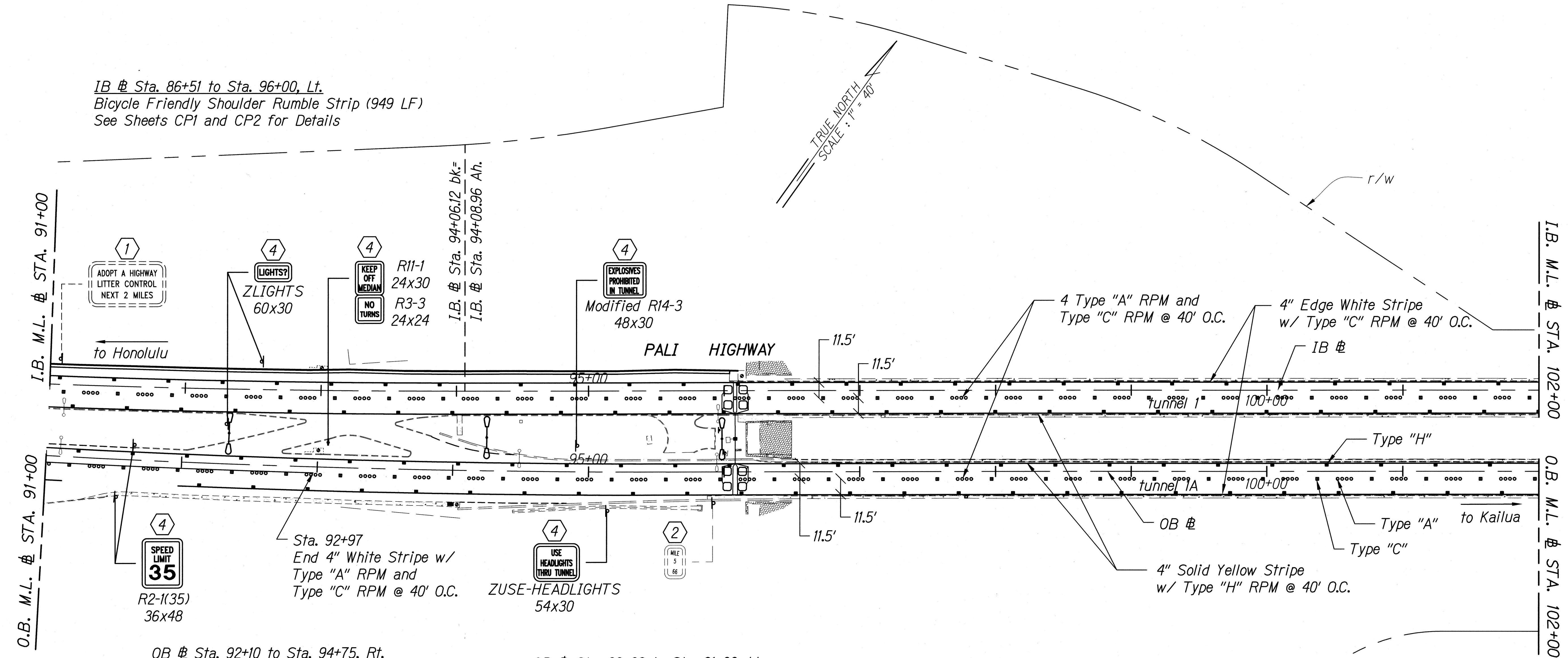
NEAL S. FUKUNOTO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 6186-C  
 HAWAII U.S.A.  
 This work was prepared by me or under my supervision.  
 Exp. 04-30-18  
 Wesley R. Sagow & Associates, Inc.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND STRIPING PLAN**  
 PALI HIGHWAY RESURFACING  
 Waakanaka Street to Kamehameha Highway  
 PALI HIGHWAY LIGHTING REPLACEMENT  
 Vineyard Boulevard to Kamehameha Highway  
 Federal Aid Project No. NH-061-1(035)  
 Scale: 1"=40' Date: February 2017  
 SHEET No. CN14 OF 24 SHEETS

DATE: \_\_\_\_\_  
 SURVEY PLOTTED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 TRACED BY: \_\_\_\_\_  
 DESIGNED BY: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 QUANTITIES BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	129	455

IB @ Sta. 86+51 to Sta. 96+00, Lt.  
Bicycle Friendly Shoulder Rumble Strip (949 LF)  
See Sheets CP1 and CP2 for Details



OB @ Sta. 92+10 to Sta. 94+75, Rt.  
Bicycle Friendly Shoulder Rumble Strip (265 LF)  
See Sheets CP1 and CP2 for Details

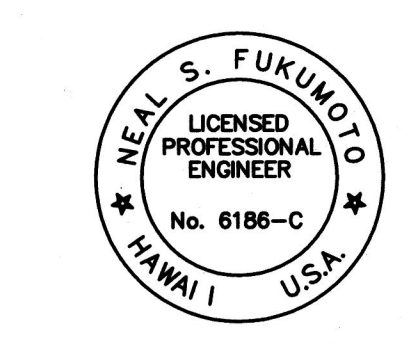
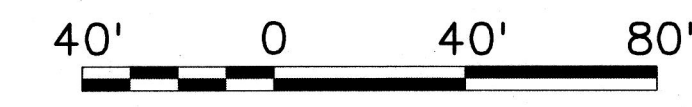
OB @ Sta. 89+60 to Sta. 91+66, Lt.  
Continuous Shoulder Rumble Strip (206 LF)  
See Sheets CP1 and CP2 for Details

OB @ Sta. 92+75 to Sta. 93+67, Lt.  
Continuous Shoulder Rumble Strip (92 LF)  
See Sheets CP1 and CP2 for Details

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



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Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)

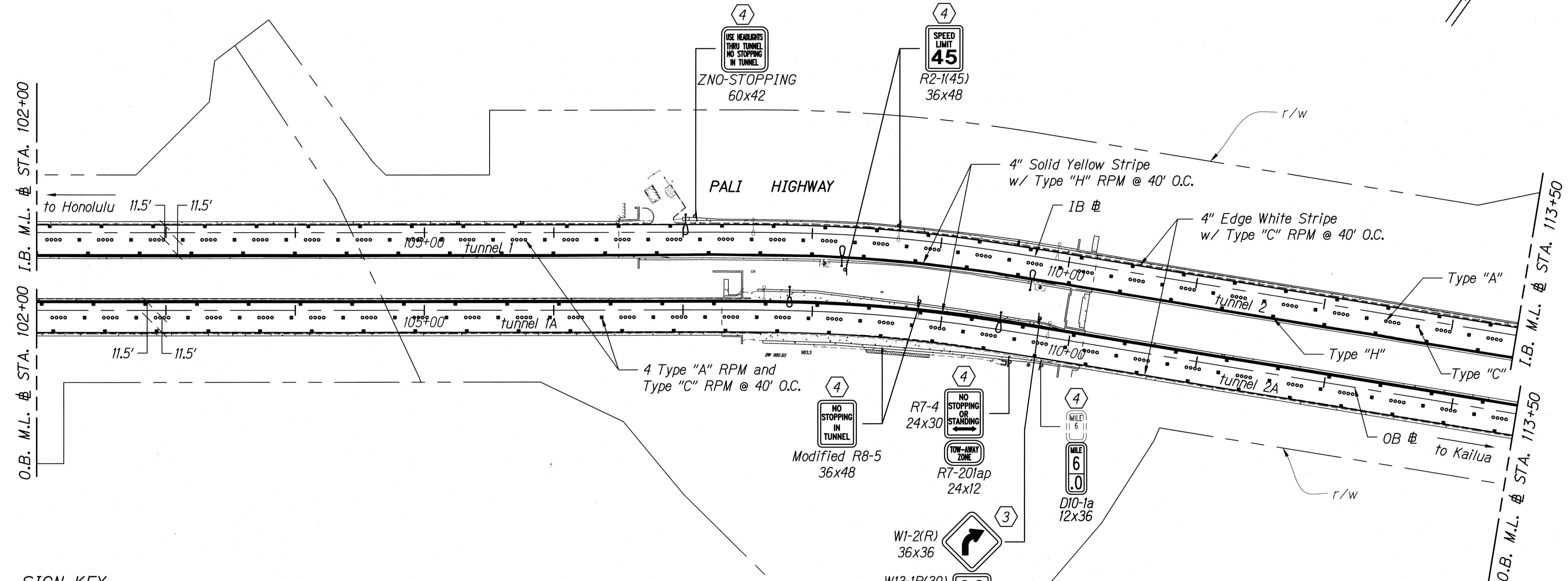
Scale: 1"=40' Date: February 2017

SHEET No. CN15 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	
ORIGINAL PLAN	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	130	455

TRUE NORTH  
SCALE: 1" = 40'



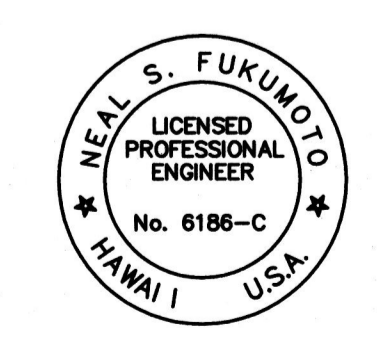
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	



This work was prepared by me or under my supervision.  
Exp. 04-30-18  
*Neal S. Fukumoto*  
Wesley R. Segawa & Associates, Inc.

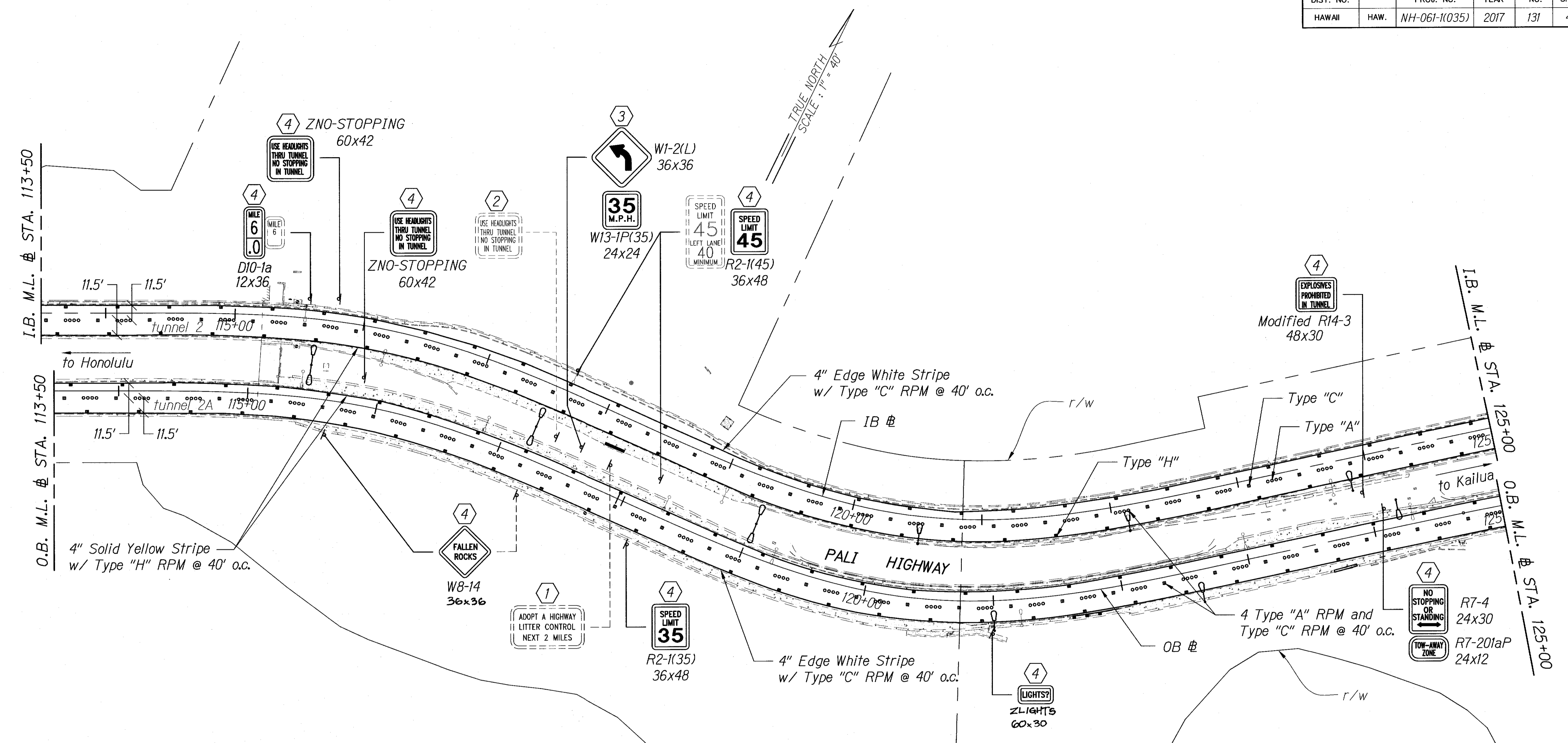
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
Waakanaka Street to Kamehameha Highway  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

SHEET No. CN16 OF 24 SHEETS

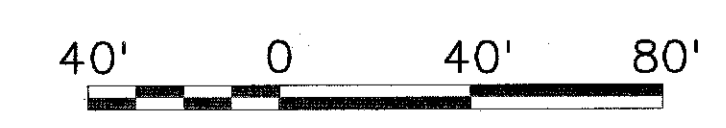
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	131	455



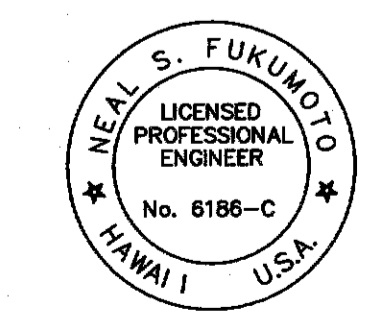
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	



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Exp. 04-30-18  
*Neal S. Fukumoto*  
Wesley R. Segard & Associates, Inc.

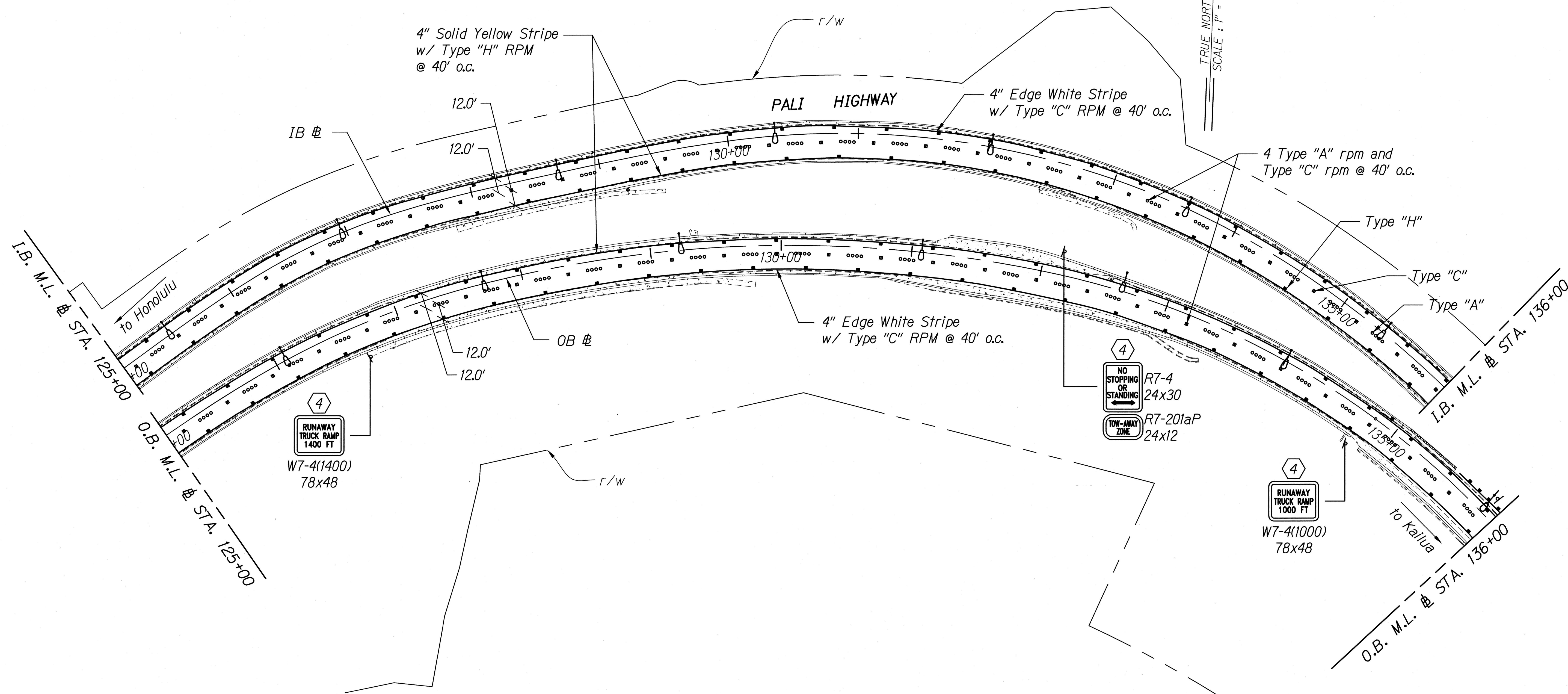
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
Waokanaka Street to Kamehameha Highway  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

SHEET No. CN17 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	132	455

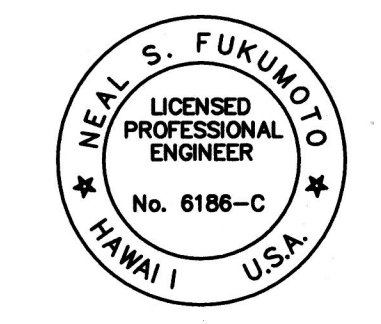
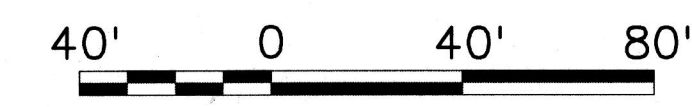


TRUE NORTH  
SCALE: 1" = 40'

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



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Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
**Waokanaka Street to Kamehameha Highway**  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
**Vineyard Boulevard to Kamehameha Highway**  
Federal Aid Project No. NH-061-1(035)

Scale: 1"=40'      Date: February 2017

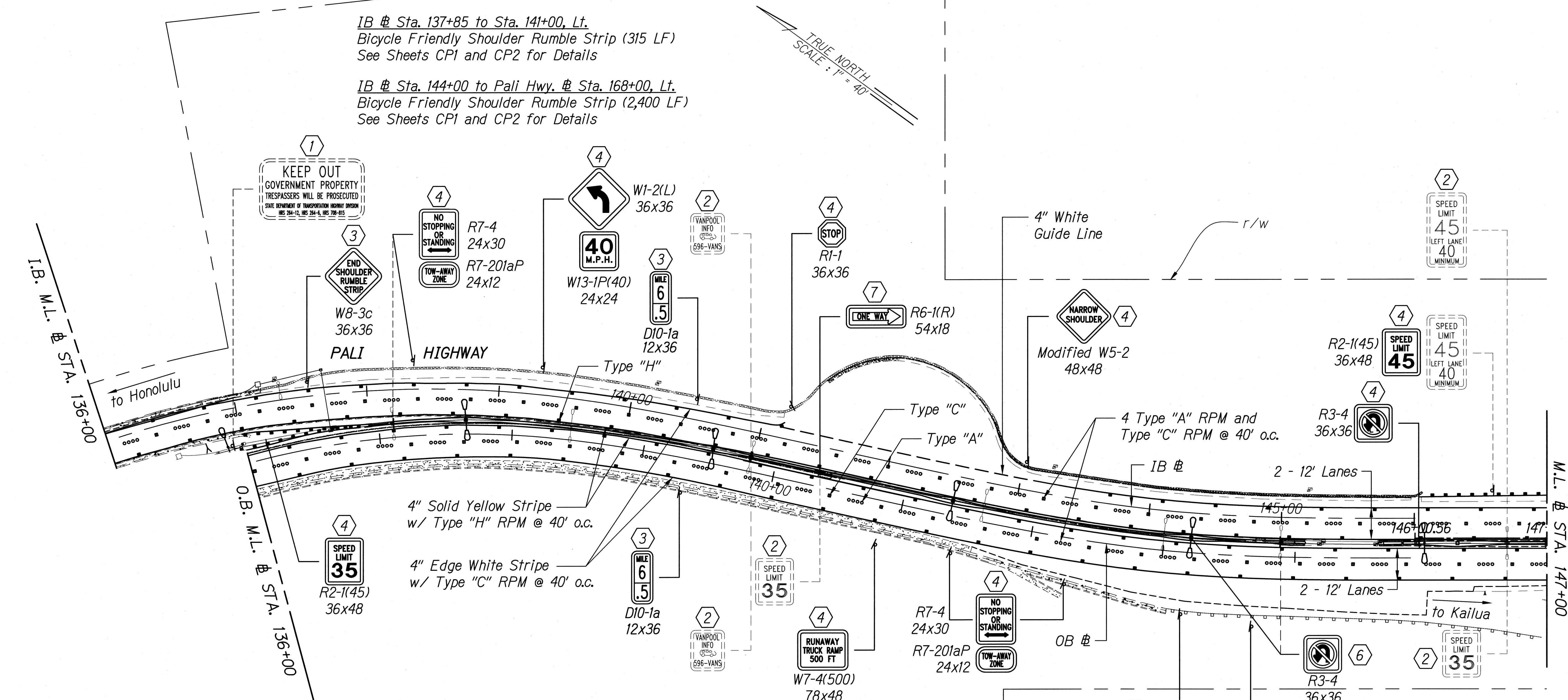
SHEET No. CN18 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
FRACED BY	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	133	455

IB # Sta. 137+85 to Sta. 141+00, Lt.  
Bicycle Friendly Shoulder Rumble Strip (315 LF)  
See Sheets CP1 and CP2 for Details

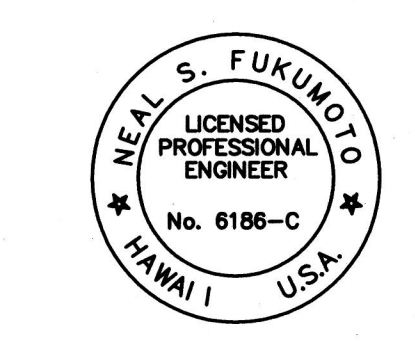
IB # Sta. 144+00 to Pali Hwy. # Sta. 168+00, Lt.  
Bicycle Friendly Shoulder Rumble Strip (2,400 LF)  
See Sheets CP1 and CP2 for Details



**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

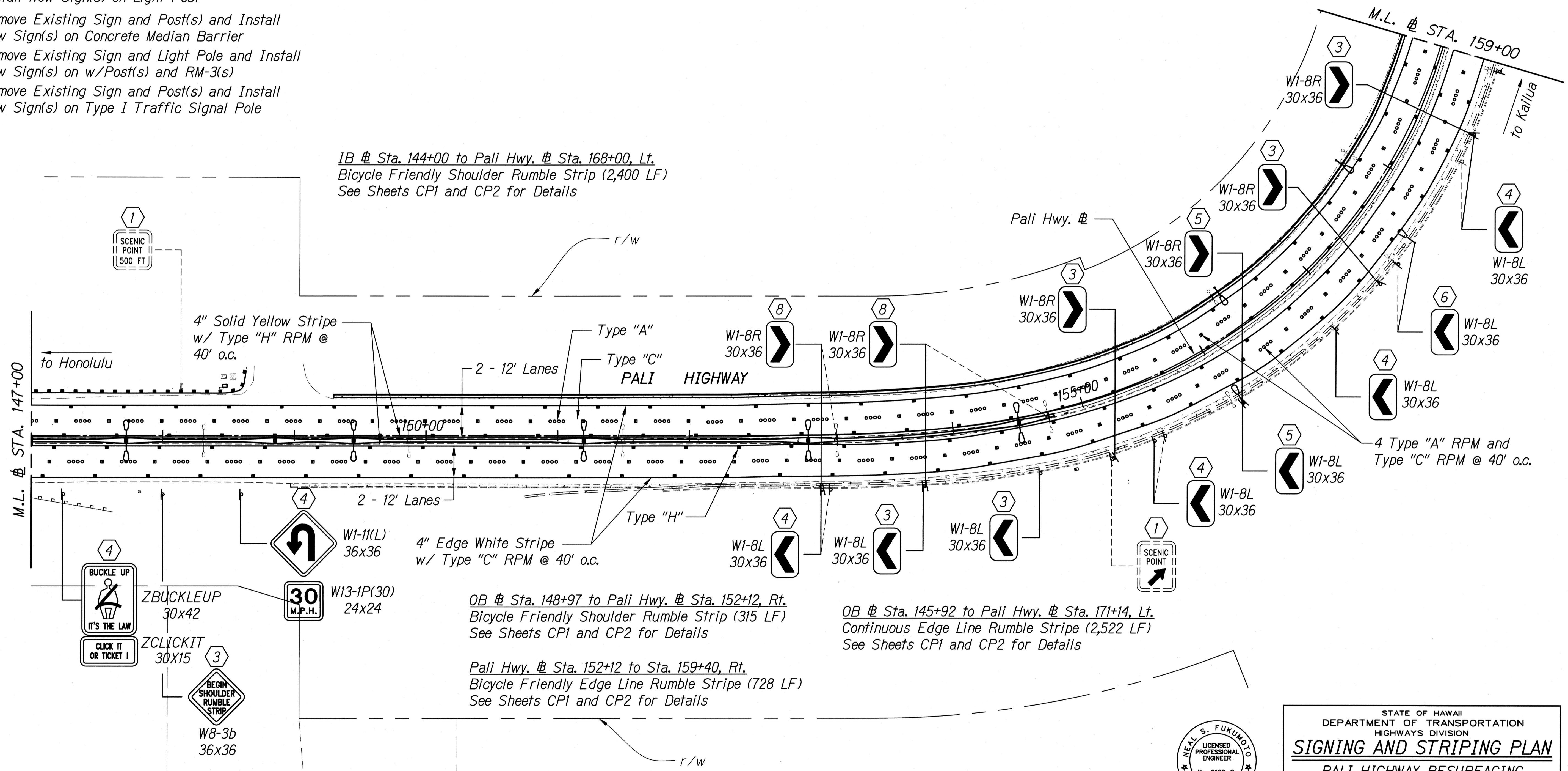
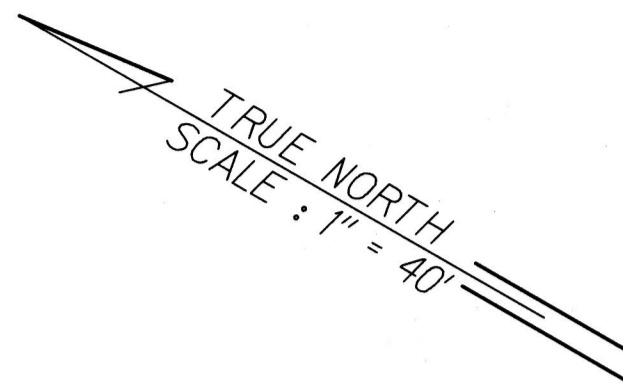
SHEET No. CN19 OF 24 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	134	455

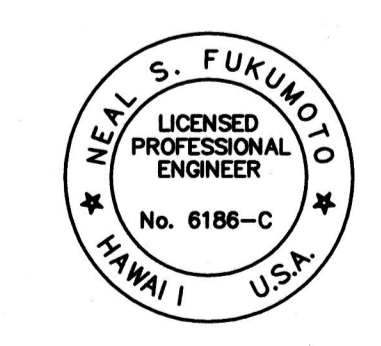
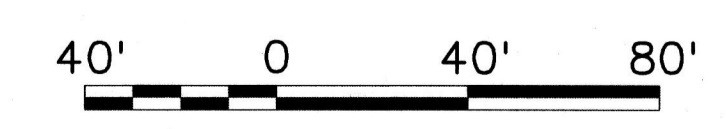
**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole



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

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



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Exp. 04-30-18  
Wesley R. Segow & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

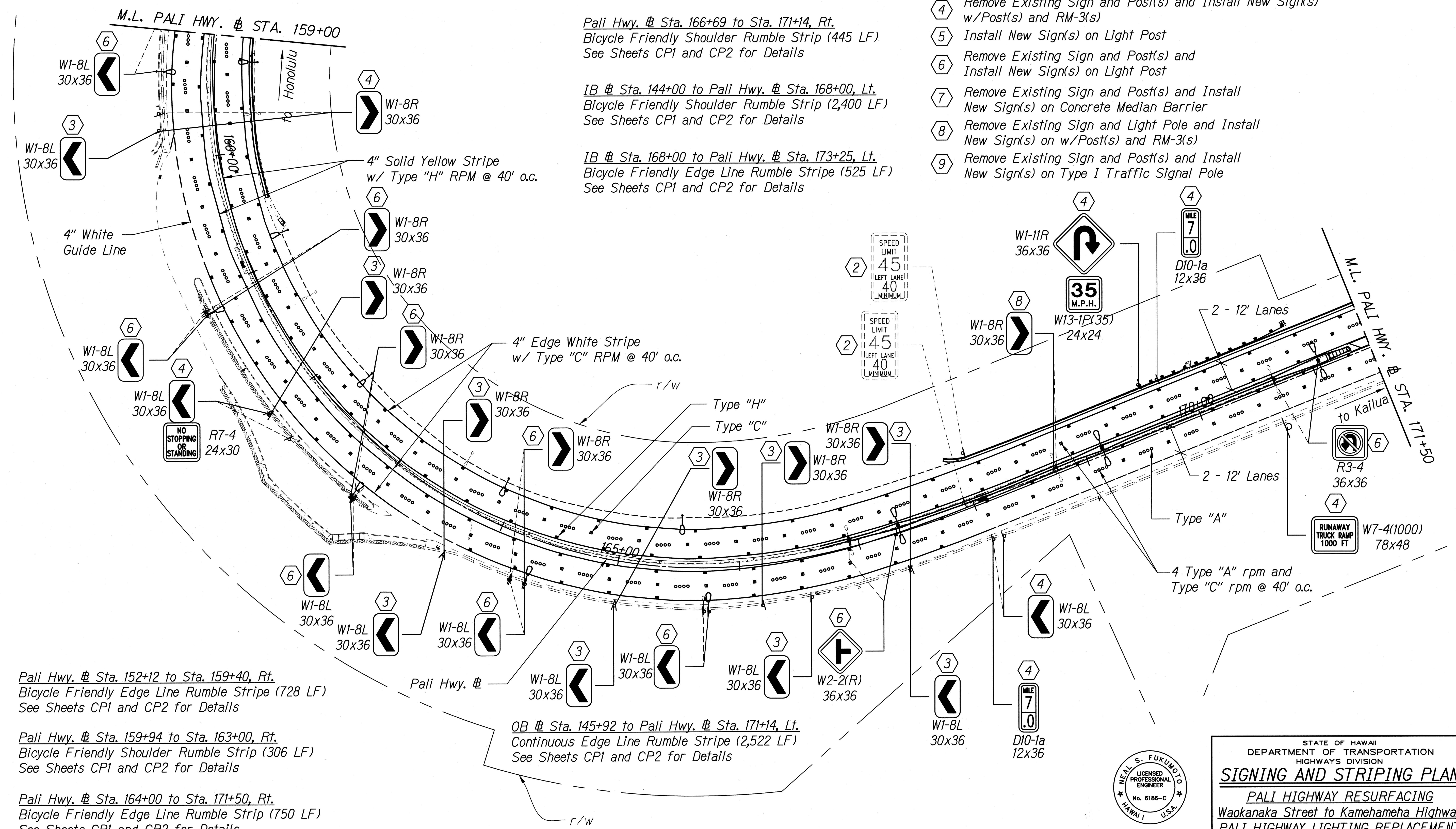
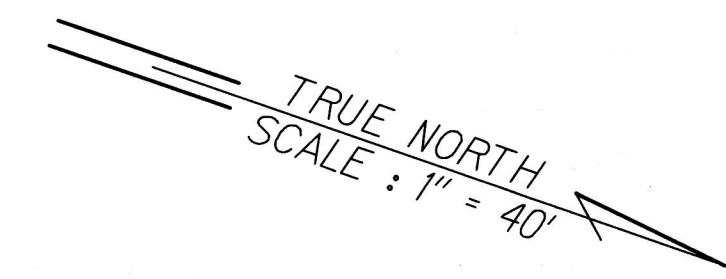
**PALI HIGHWAY RESURFACING**  
Waokanaka Street to Kamehameha Highway  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

SHEET No. CN20 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	135	455

**SIGN KEY**

- ① Existing Sign and Post(s) to Remain
- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole



Pali Hwy. # Sta. 166+69 to Sta. 171+14, Rt.  
Bicycle Friendly Shoulder Rumble Strip (445 LF)  
See Sheets CP1 and CP2 for Details

IB # Sta. 144+00 to Pali Hwy. # Sta. 168+00, Lt.  
Bicycle Friendly Shoulder Rumble Strip (2,400 LF)  
See Sheets CP1 and CP2 for Details

IB # Sta. 168+00 to Pali Hwy. # Sta. 173+25, Lt.  
Bicycle Friendly Edge Line Rumble Strip (525 LF)  
See Sheets CP1 and CP2 for Details

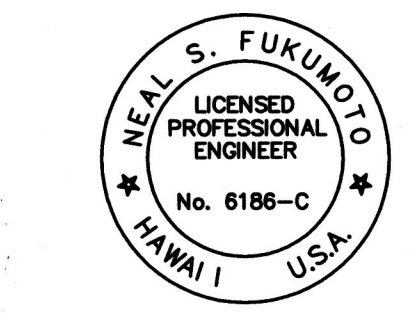
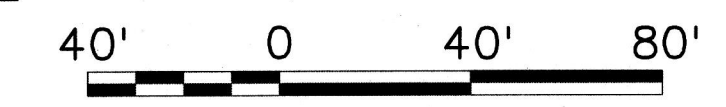
Pali Hwy. # Sta. 152+12 to Sta. 159+40, Rt.  
Bicycle Friendly Edge Line Rumble Strip (728 LF)  
See Sheets CP1 and CP2 for Details

Pali Hwy. # Sta. 159+94 to Sta. 163+00, Rt.  
Bicycle Friendly Shoulder Rumble Strip (306 LF)  
See Sheets CP1 and CP2 for Details

Pali Hwy. # Sta. 164+00 to Sta. 171+50, Rt.  
Bicycle Friendly Edge Line Rumble Strip (750 LF)  
See Sheets CP1 and CP2 for Details

OB # Sta. 145+92 to Pali Hwy. # Sta. 171+14, Lt.  
Continuous Edge Line Rumble Strip (2,522 LF)  
See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



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Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

SHEET No. CN21 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	136	455

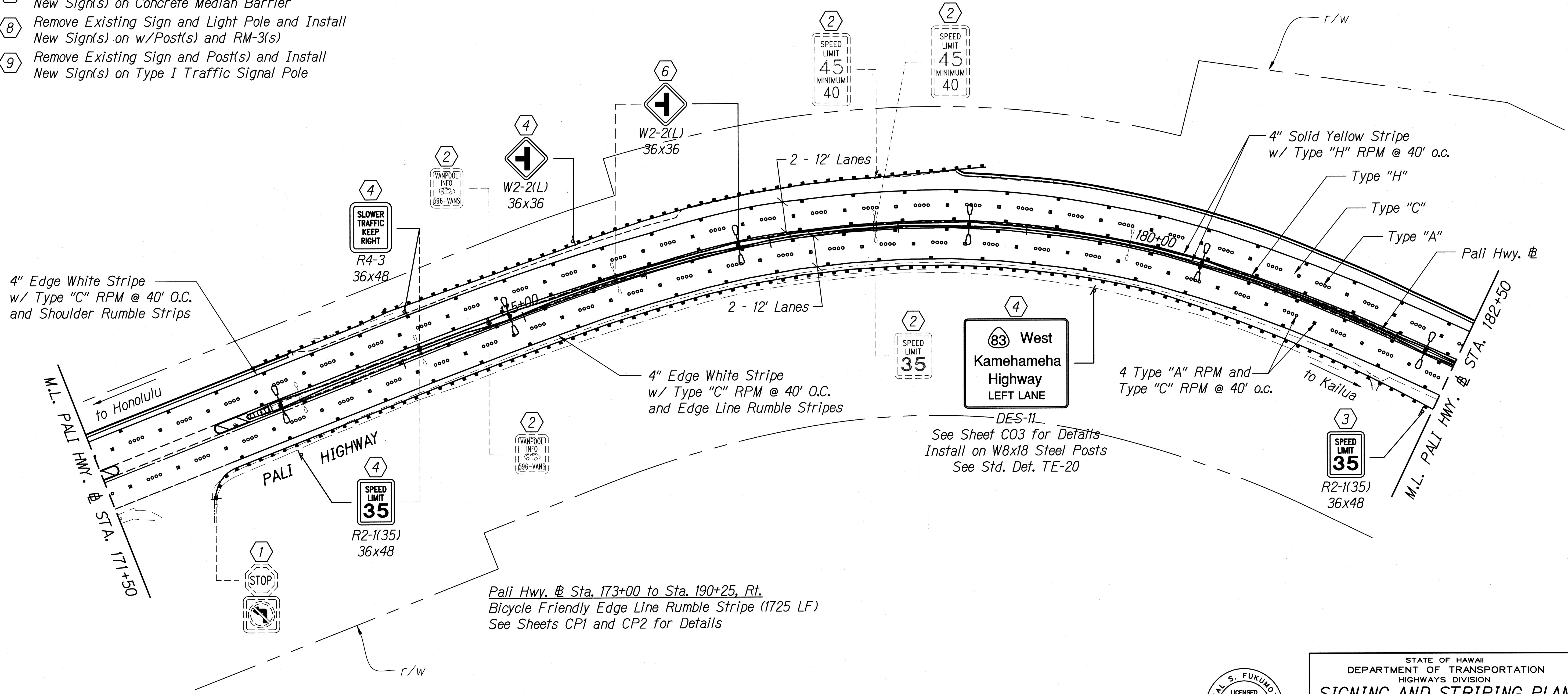
**SIGN KEY**

- 1 Existing Sign and Post(s) to Remain
- 2 Remove Existing Sign and Post
- 3 Install New Sign(s) w/Steel Post(s) and RM-3(s)
- 4 Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- 5 Install New Sign(s) on Light Post
- 6 Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- 7 Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- 8 Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- 9 Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

TRUE NORTH  
SCALE: 1" = 40'

IB @ Sta. 168+00 to Pali Hwy. @ Sta. 173+25, Lt.  
Bicycle Friendly Edge Line Rumble Stripe (525 LF)  
See Sheets CP1 and CP2 for Details

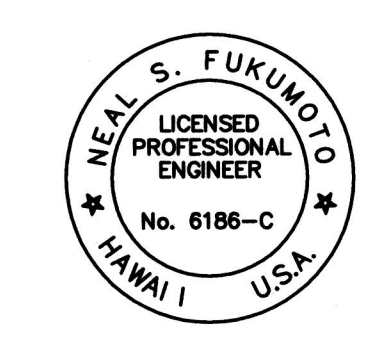
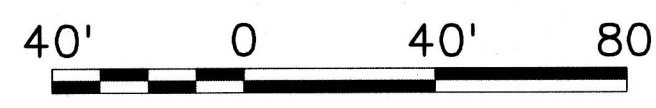
IB @ Sta. 173+25 to Pali Hwy. @ Sta. 195+30, Lt.  
Bicycle Friendly Shoulder Rumble Strip (2,205 LF)  
See Sheets CP1 and CP2 for Details



Pali Hwy. @ Sta. 173+00 to Sta. 190+25, Rt.  
Bicycle Friendly Edge Line Rumble Stripe (1725 LF)  
See Sheets CP1 and CP2 for Details

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Neal S. Fukunaga  
Wesley R. Segawa & Associates, Inc.

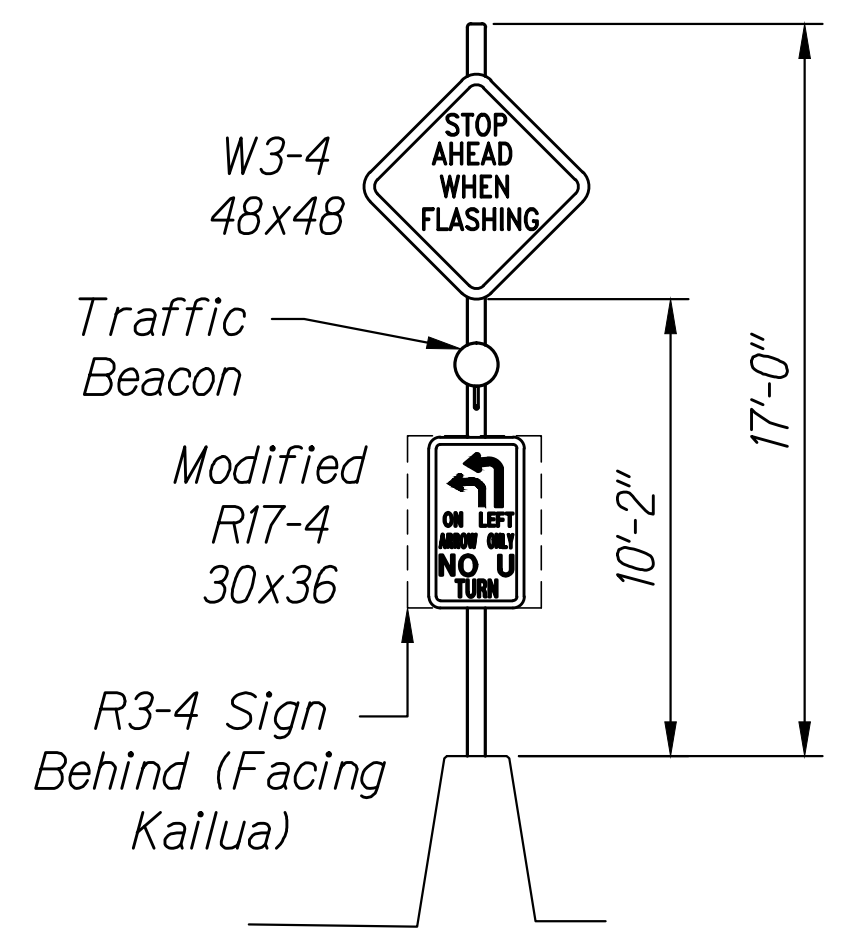
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

**PALI HIGHWAY RESURFACING**  
Waokanaka Street to Kamehameha Highway  
**PALI HIGHWAY LIGHTING REPLACEMENT**  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

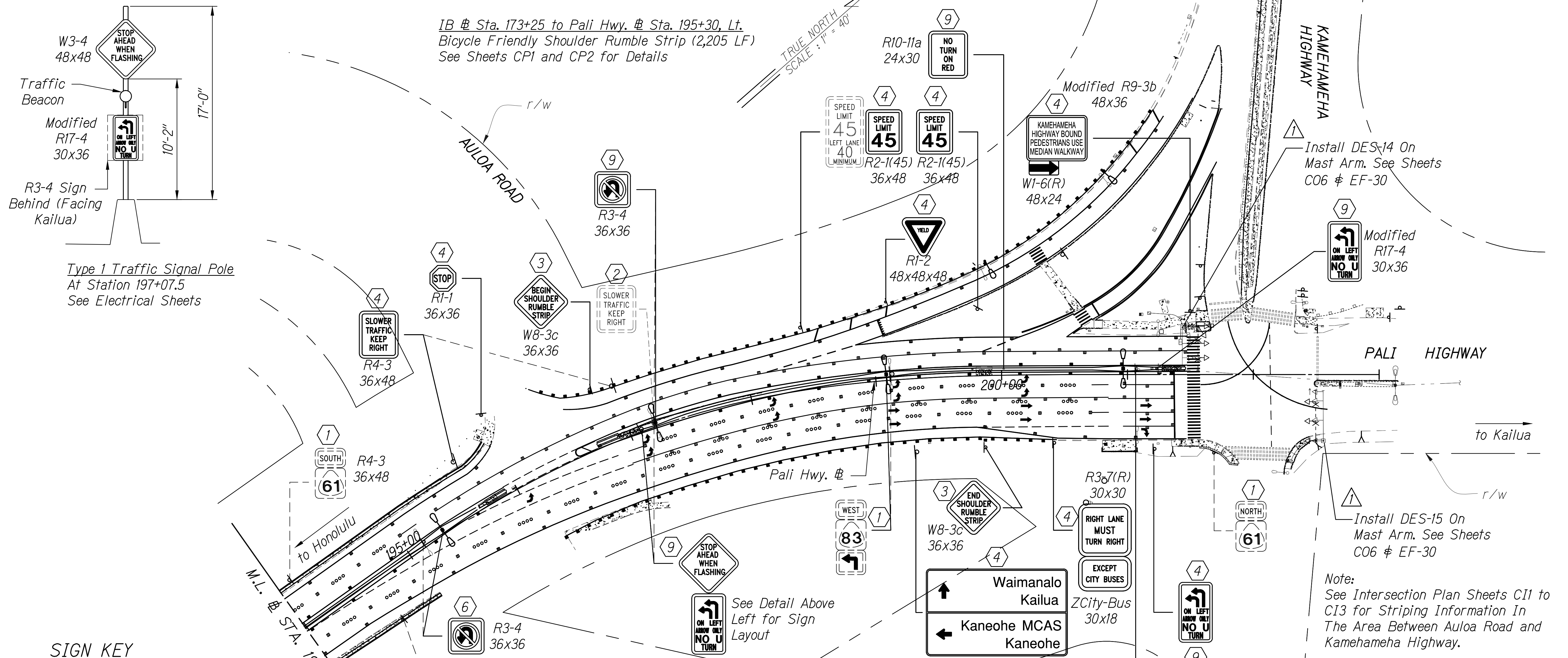
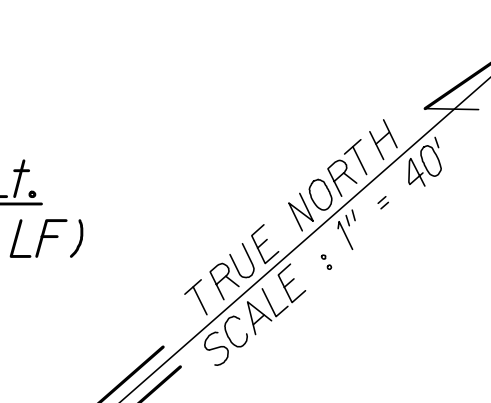
SHEET No. CN22 OF 24 SHEETS





Type 1 Traffic Signal Pole  
At Station 197+07.5  
See Electrical Sheets

IB # Sta. 173+25 to Pali Hwy. # Sta. 195+30, Lt.  
Bicycle Friendly Shoulder Rumble Strip (2,205 LF)  
See Sheets CP1 and CP2 for Details



Install DES-14 On Mast Arm. See Sheets C06 & EF-30

Modified R17-4 30x36

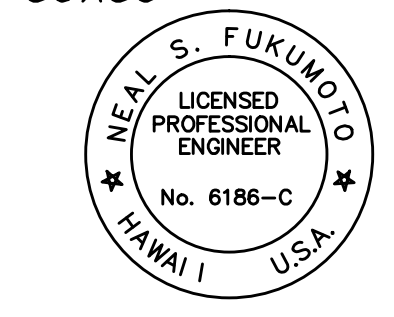
Install DES-15 On Mast Arm. See Sheets C06 & EF-30

Note:  
See Intersection Plan Sheets C11 to C13 for Striping Information In The Area Between Auloa Road and Kamehameha Highway.

- SIGN KEY**
- ① Existing Sign and Post(s) to Remain
  - ② Remove Existing Sign and Post
  - ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
  - ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
  - ⑤ Install New Sign(s) on Light Post
  - ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
  - ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
  - ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
  - ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

Pali Hwy. # Sta. 190+25 to Sta. 199+00, Rt.  
Bicycle Friendly Shoulder Rumble Strip (875 LF)  
See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



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Exp. 04-30-18

Wesley R. Segawa & Associates, Inc.

DATE	DESCRIPTION
5/15/17	Sign Callouts Added

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

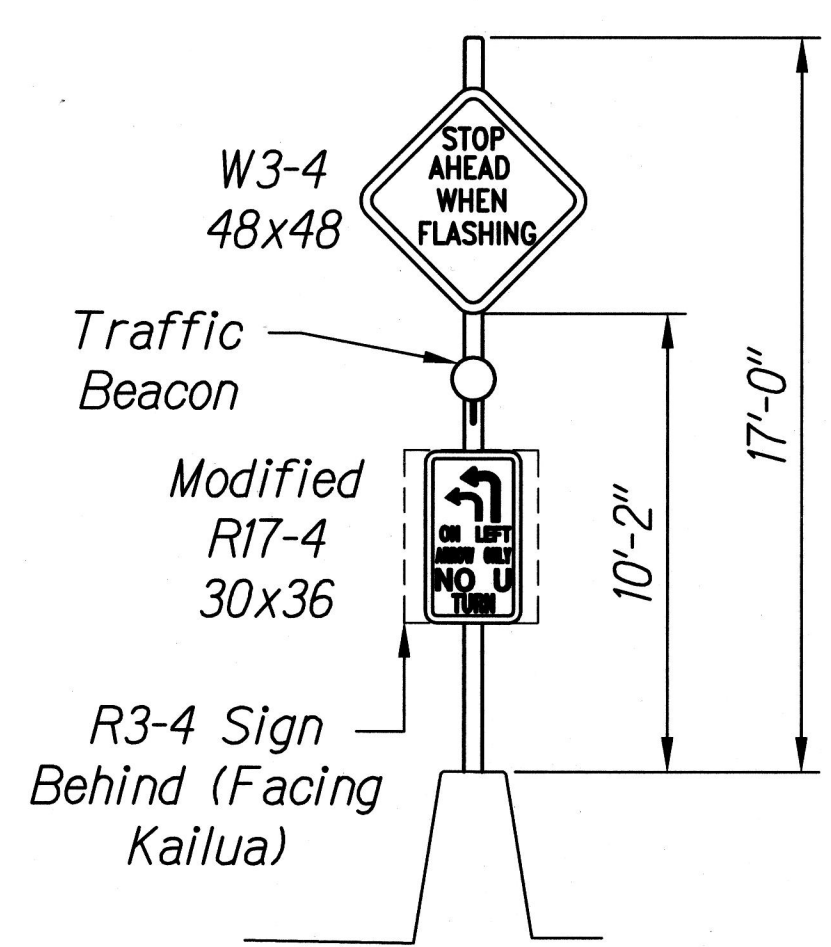
PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017

DATE	
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
TRACED BY	
DRAWN BY	
DATE	
ORIGINAL PLAN	

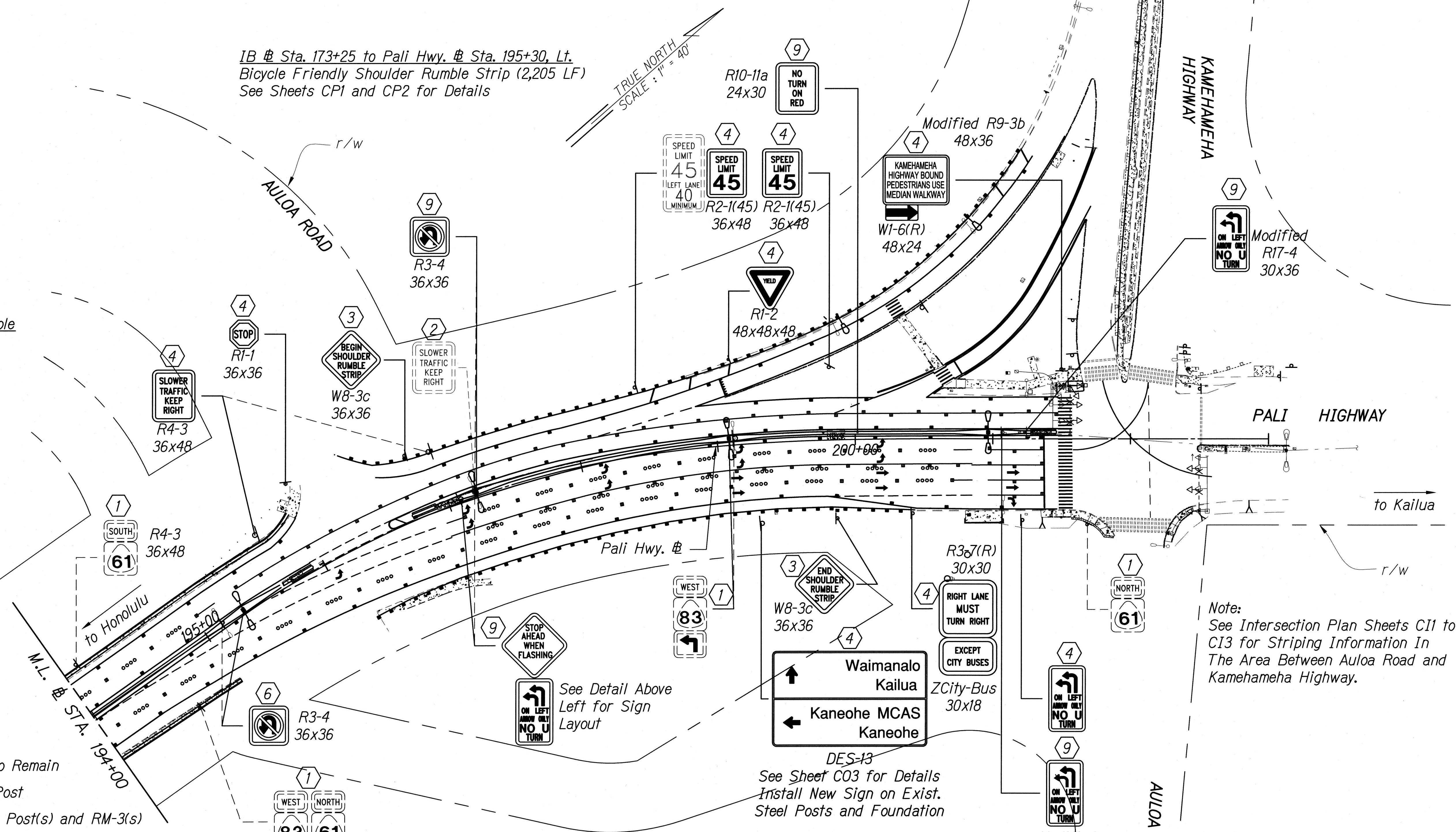
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-1(035)	2017	138	455

IB # Sta. 173+25 to Pali Hwy. # Sta. 195+30, Lt.  
Bicycle Friendly Shoulder Rumble Strip (2,205 LF)  
See Sheets CP1 and CP2 for Details

TRUE NORTH  
SCALE: 1" = 40'



Type 1 Traffic Signal Pole  
At Station 197+07.5  
See Electrical Sheets



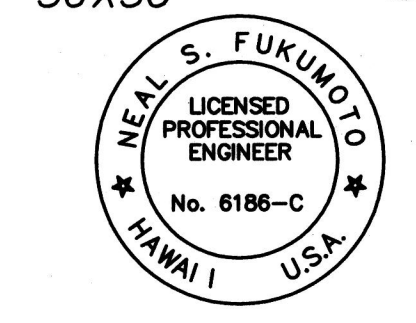
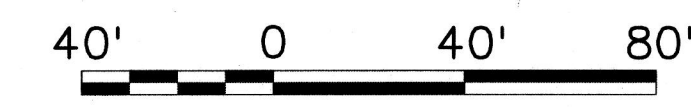
Note:  
See Intersection Plan Sheets C11 to C13 for Striping Information In The Area Between Auloa Road and Kamehameha Highway.

**SIGN KEY**

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- ② Remove Existing Sign and Post
- ③ Install New Sign(s) w/Steel Post(s) and RM-3(s)
- ④ Remove Existing Sign and Post(s) and Install New Sign(s) w/Post(s) and RM-3(s)
- ⑤ Install New Sign(s) on Light Post
- ⑥ Remove Existing Sign and Post(s) and Install New Sign(s) on Light Post
- ⑦ Remove Existing Sign and Post(s) and Install New Sign(s) on Concrete Median Barrier
- ⑧ Remove Existing Sign and Light Pole and Install New Sign(s) on w/Post(s) and RM-3(s)
- ⑨ Remove Existing Sign and Post(s) and Install New Sign(s) on Type I Traffic Signal Pole

Pali Hwy. # Sta. 190+25 to Sta. 199+00, Rt.  
Bicycle Friendly Shoulder Rumble Strip (875 LF)  
See Sheets CP1 and CP2 for Details

**SIGNING AND STRIPING PLAN**  
Scale: 1"=40'



This work was prepared by me or under my supervision.  
Exp. 04-30-18  
Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND STRIPING PLAN**

PALI HIGHWAY RESURFACING  
Waokanaka Street to Kamehameha Highway  
PALI HIGHWAY LIGHTING REPLACEMENT  
Vineyard Boulevard to Kamehameha Highway  
Federal Aid Project No. NH-061-1(035)  
Scale: 1"=40' Date: February 2017  
SHEET No. CN24 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	