

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	231R	452

Signing & Pavement Marking 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 and striping not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans or directed by the Engineer shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the Legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- Stop signs indicated to be removed shall be removed after the traffic signal system is operational.
- 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.
- Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- Backing for all new regulatory and warning signs shall not be spliced.
- All sign panels shall conform to Section 630 of the Special Provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices" (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- State Route Marker Symbols, borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
- All new and relocated signs and markers installed on pipe post or light standards are to be mounted with band brackets and steel braces.
- The Contractor shall erect at the beginning and at the end of the project, Work Zone sign assemblies as indicated on the plans or as directed by the Engineer. The Work Zone sign assemblies shall be maintained for the duration of the project. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Work Zone Traffic Control. The Work Zone signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Kauai District Office baseyard in Puihi, or as directed by the Engineer, at the end of the project.

Pavement Marking Legend:

4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ ~~40'-0"~~ o.c. 20'-0"

4 each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ ~~40'-0"~~ o.c. 20'

8" White Stripe (Tape, Type I or Thermoplastic Extrusion) with Type C Raised Pavement Markers @ ~~20'-0"~~ o.c. 10'-0"

4" Double Yellow Stripes (Tape, Type I or Thermoplastic Extrusion) with Type D Raised Pavement Markers @ ~~20'-0"~~ o.c. on both outside edges of 4" Yellow Line @ 10'-0" o.c.

4" Double Yellow Stripes (Tape, Type II or Thermoplastic Extrusion) with Type H Raised Pavement Markers @ ~~20'-0"~~ o.c. on both outside edges of 4" Yellow Line @ 10'-0" o.c.

4" Yellow Stripe (Tape, Type II or Thermoplastic Extrusion) with Type H Raised Pavement Markers @ ~~40'-0"~~ o.c. 20'-0"

II
4" Double White Stripes (Tape, Type I or Thermoplastic Extrusion) with Type C Raised Pavement Markers @ ~~20'-0"~~ o.c. 10'-0"

4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ ~~20'-0"~~ o.c. 10'-0"

4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

4 Each Type J Raised Pavement Markers and Type D Raised Pavement Markers @ ~~40'-0"~~ o.c., 20'-0"

Type H Raised Pavement Marker @ ~~40'-0"~~ o.c. 20'-0"

(Reflective surface facing no-passing direction),
4" Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

4" or 8" White Stripe (Tape, Type II or Thermoplastic Extrusion) with Type C Raised Pavement Markers @ ~~40'-0"~~ o.c. 20'-0"

Guide Line: 4" White Stripe (Tape, Type III or Thermoplastic Extrusion except for bus bays), 2'-0" Long, spaced @ 4'-0" o.c.

Extension of Edge: 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

Transverse Median Marking (See Std. Plan TE-31)
12" Yellow Stripe (Tape, Type II or Thermoplastic Extrusion)

Transverse Shoulder Marking (See Std. Plan TE-31)
12" White or Yellow Stripe (Tape, Type II or Thermoplastic Extrusion)

Channelizing Island or Deceleration Lane Gore (See Std. Det. TE-31) 12" White Stripes (Tape, Type II or Thermoplastic Extrusion)

Crosswalk and Stop Line. 12" White Stripes (Tape, Type III or Thermoplastic Extrusion). All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The Circled number indicates the number of lanes for payment.

Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)

Pavement Word (Tape, Type III or Thermoplastic Extrusion)

Pavement Symbol (Bike Lane) (Tape, Type III or Thermoplastic Extrusion)

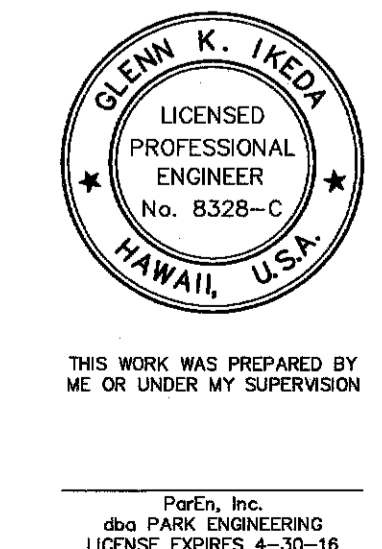
Pavement Symbol (Yield) (Tape, Type III or Thermoplastic Extrusion)

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

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

- Removal and reinstalling existing street name signs on regulatory and warning sign posts shall not be paid for separately but shall be considered incidental to the various signing items.
- All sign posts for new and relocated signs on post(s) shall be new. Provide RM-3 reflector markers for each new sign post. The cost of RM-3 reflector markers on new and relocated sign posts shall be considered incidental to the various items of Section 631.

APPROVED:
County Engineer, Dept. of Public Works Date 1-21-11
County of Kauai
(For Work Within County R/W)



6/07/10	Added County of Kauai DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING & PAVEMENT MARKING	
NOTES AND LEGEND	
KAUMUALI' HIGHWAY WIDENING	
Vicinity of Anou'i Street to Vicinity of Lihue Mill Bridge	
FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: NONE	Date: JAN. 2010
SHEET No. SP1 OF SP26 SHEETS	

"AS-BUILT"

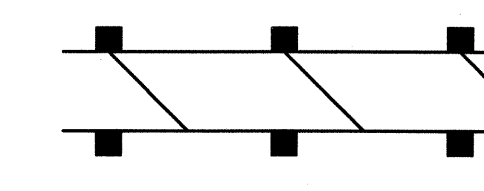
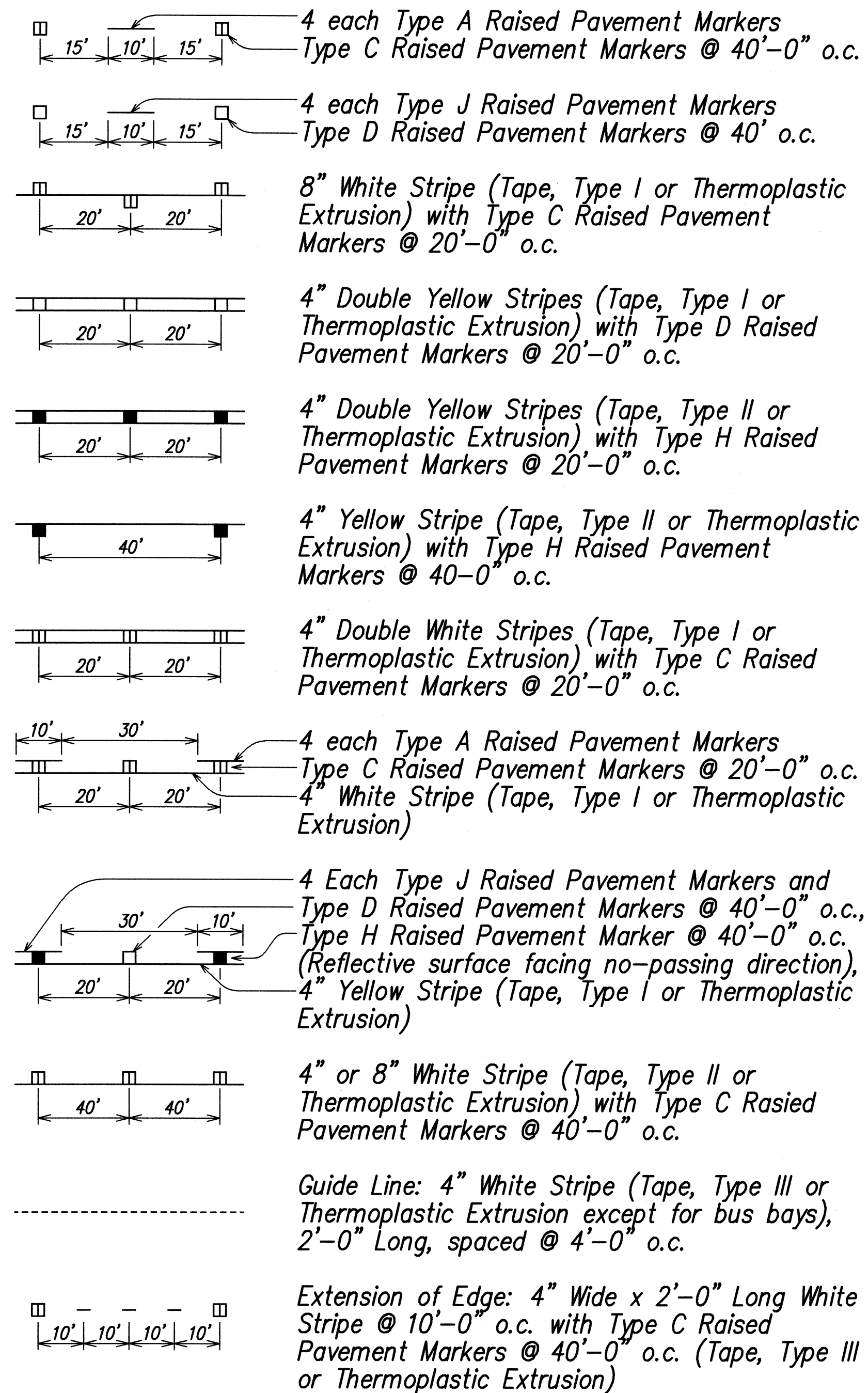
231R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	231	452

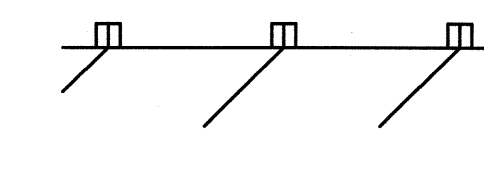
Signing & Pavement Marking Notes:

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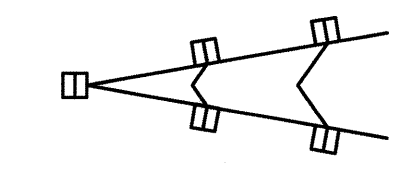
Pavement Marking Legend:



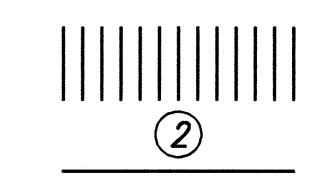
Transverse Median Marking (See Std. Plan TE-31)
12" Yellow Stripe (Tape, Type II or Thermoplastic Extrusion)



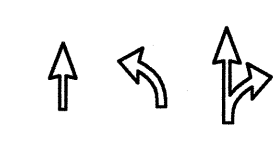
Transverse Shoulder Marking (See Std. Plan TE-31)
12" White or Yellow Stripe (Tape, Type II or Thermoplastic Extrusion)



Channelizing Island or Deceleration Lane Gore (See Std. Det. TE-31) 12" White Stripes (Tape, Type II or Thermoplastic Extrusion)



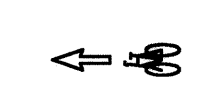
Crosswalk and Stop Line. 12" White Stripes (Tape, Type III or Thermoplastic Extrusion). All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The Circled number indicates the number of lanes for payment.



Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)



Pavement Word (Tape, Type III or Thermoplastic Extrusion)



Pavement Symbol (Bike Lane) (Tape, Type III or Thermoplastic Extrusion)



Pavement Symbol (Yield) (Tape, Type III or Thermoplastic Extrusion)

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

102 - STATE DOT STANDARD - PAVEMENT MARKING REGIONAL VERIFICATION - 11/21/08



2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
Glenn K. Ikeda, Inc.
480 PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKING
NOTES AND LEGEND

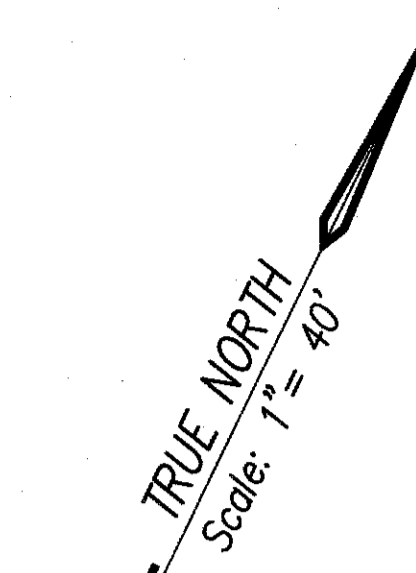
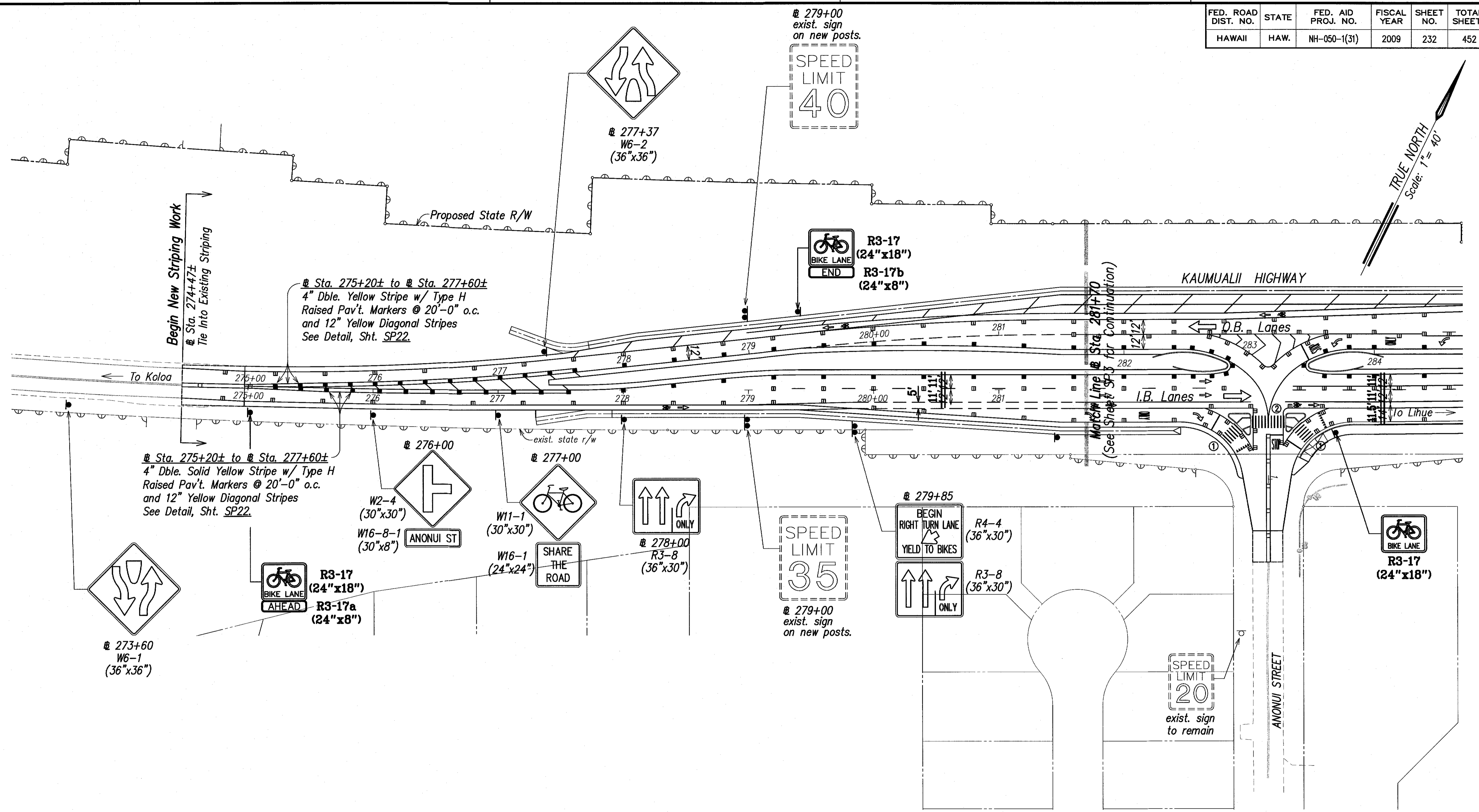
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: NONE Date: FEB. 2009

SHEET No. SP1 OF SP26 SHEETS

- Removal and reinstalling existing street name signs on regulatory and warning sign posts shall not be paid for separately but shall be considered incidental to the various signing items.
- All sign posts for new and relocated signs on post(s) shall be new. Provide RM-3 reflector markers for each new sign post. The cost of RM-3 reflector markers on new and relocated sign posts shall be considered incidental to the various items of Section 631.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	232	452

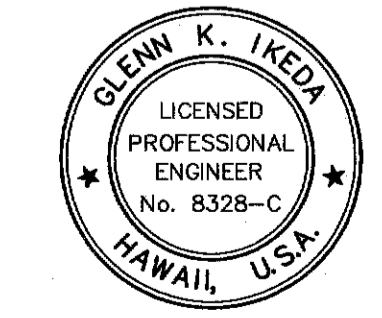


SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

HAWAII-SP26-FINAL.dwg 2/22/09

SIGNING AND STRIPING PLAN
 SCALE: 1" = 40'

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

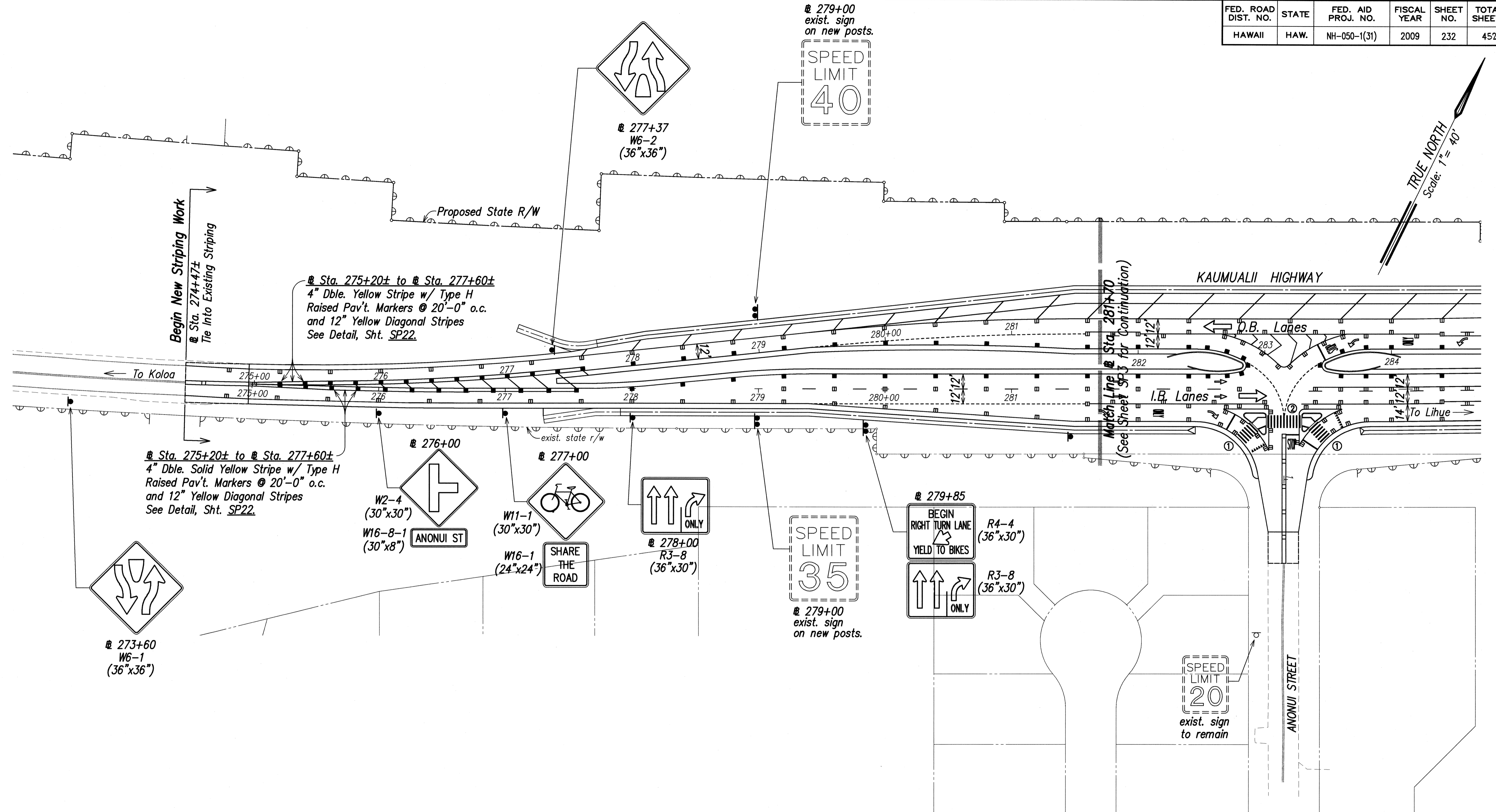


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 PAPER, INC.
 dba PARK ENGINEERING
 LICENSE EXPIRES 4-30-16

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING AND STRIPING PLAN
 @ STA. 274+47± TO @ STA. 281+70
 KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)
 Scale: 1" = 40' Date: JAN. 2010
 SHEET No. SP2 OF SP26 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	232	452



Begin New Striping Work
@ Sta. 274+47±
Tie Into Existing Striping

@ Sta. 275+20± to @ Sta. 277+60±
4" Dble. Yellow Stripe w/ Type H
Raised Pav't. Markers @ 20'-0" o.c.
and 12" Yellow Diagonal Stripes
See Detail, Sht. SP22.

@ Sta. 275+20± to @ Sta. 277+60±
4" Dble. Solid Yellow Stripe w/ Type H
Raised Pav't. Markers @ 20'-0" o.c.
and 12" Yellow Diagonal Stripes
See Detail, Sht. SP22.

@ 279+00
exist. sign
on new posts.
SPEED
LIMIT
40

@ 277+37
W6-2
(36"x36")

@ 276+00
W2-4
(30"x30")
W16-8-1
(30"x8")
ANONUI ST

@ 277+00
W11-1
(30"x30")
W16-1
(24"x24")
SHARE
THE
ROAD

@ 278+00
R3-8
(36"x30")

SPEED
LIMIT
35
@ 279+00
exist. sign
on new posts.

@ 279+85
BEGIN
RIGHT TURN LANE
YIELD TO BIKES
R4-4
(36"x30")
R3-8
(36"x30")

SPEED
LIMIT
20
exist. sign
to remain

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

LIB: STATE OF HAWAII - PHASE 1A REVISION PLANS, KAHALOANAE - SP02-PLAN/ENG 2/23/09

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'



2-26-09
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
FORE, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
@ STA. 274+47± TO @ STA. 281+70

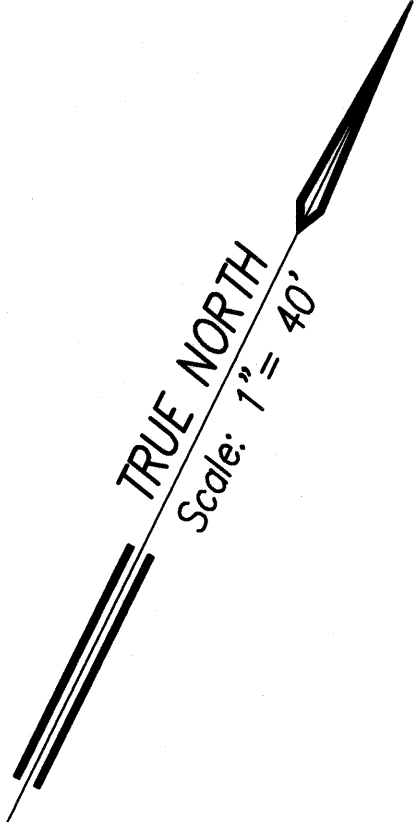
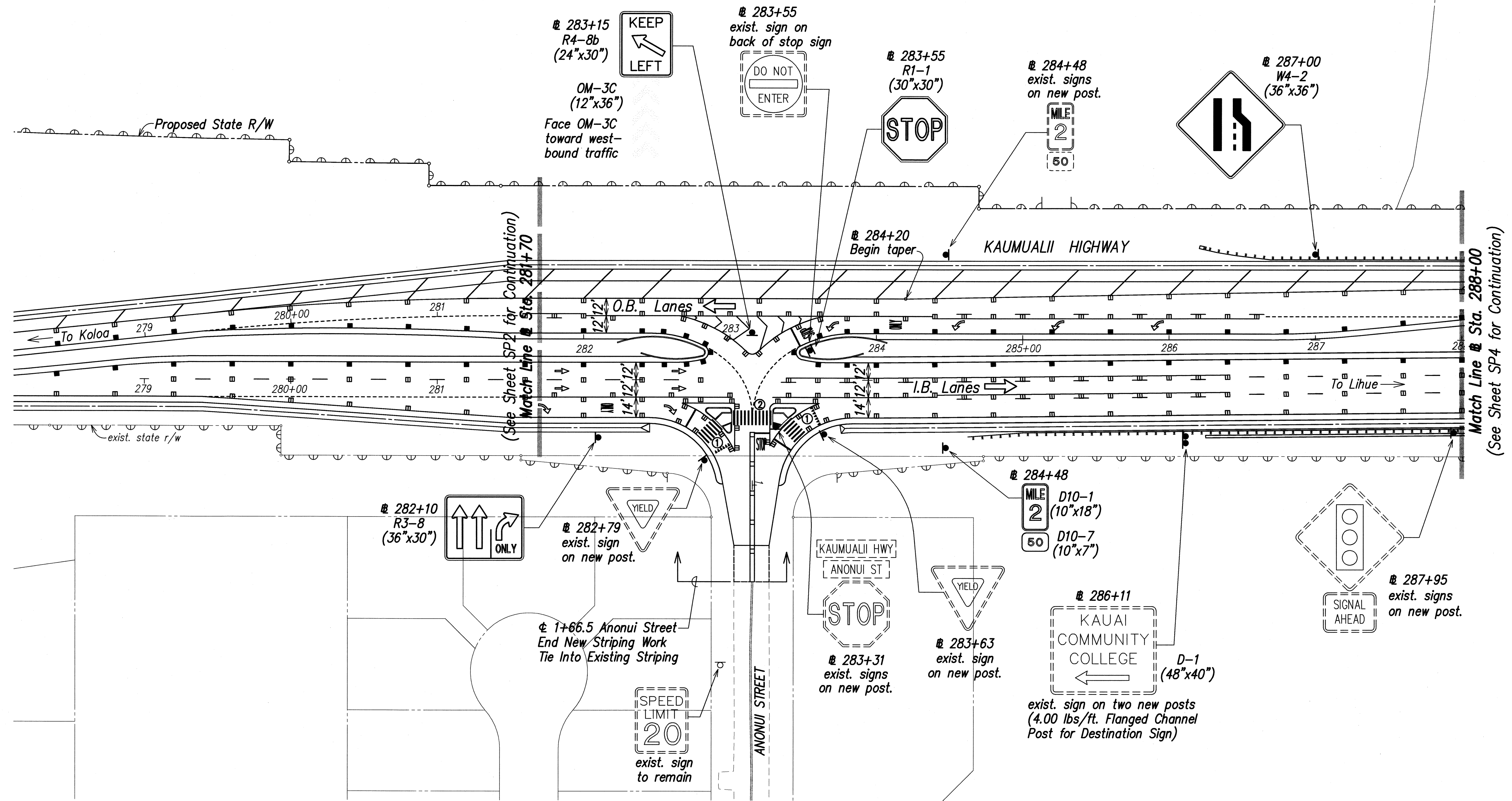
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP2 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	233	452

For Anonui Street Intersection Enlargement, See Sht. SP12



SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

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

LIBS: STATE DOT\ADMIN\1\PHASEA, REVISION\PLANS, DRAWING: SP03-PLAN.dwg, 2/23/09



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
2-26-09
Glenn K. Ikeda
PAREX, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

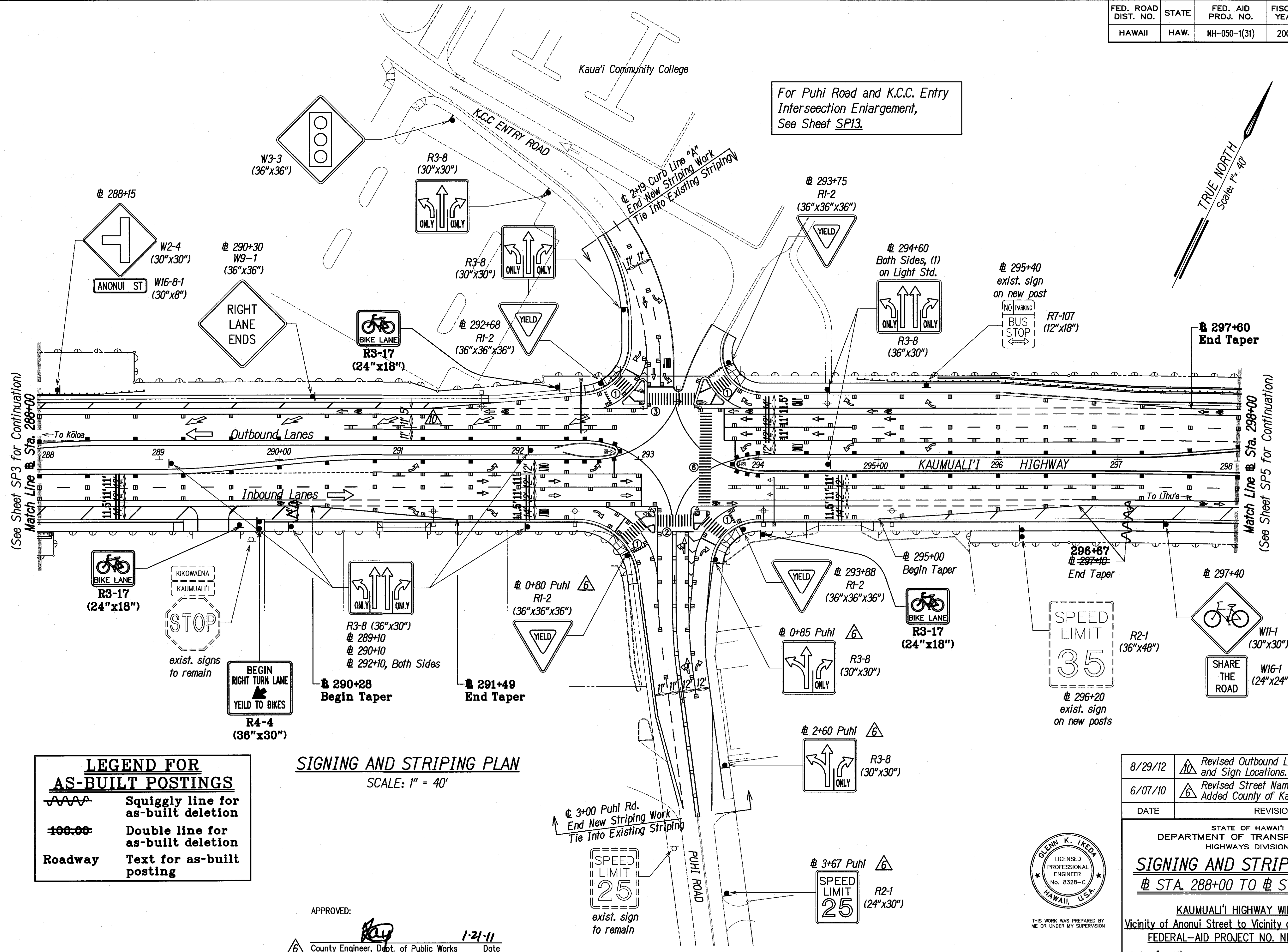
SIGNING AND STRIPING PLAN
STA. 281+70 TO # STA. 288+00

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

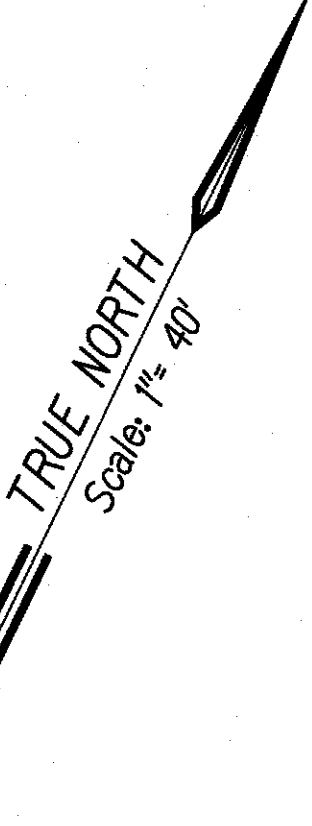
Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP3 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O.234R	452



For Puhī Road and K.C.C. Entry Intersection Enlargement, See Sheet SP13.



(See Sheet SP3 for Continuation)
Match Line @ Sta. 288+00

Match Line @ Sta. 298+00
(See Sheet SP5 for Continuation)

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

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

APPROVED:
County Engineer, Dept. of Public Works
County of Kaua'i
(For Work Within County R/W) Date 1-21-11

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

DATE	REVISION
8/29/12	Revised Outbound Lane Striping and Sign Locations.
6/07/10	Revised Street Name in calloff. Added County of Kaua'i DPW Approval.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Parks, Inc.
480 PARK ENGINEERING
LICENSE EXPIRES 4-30-16

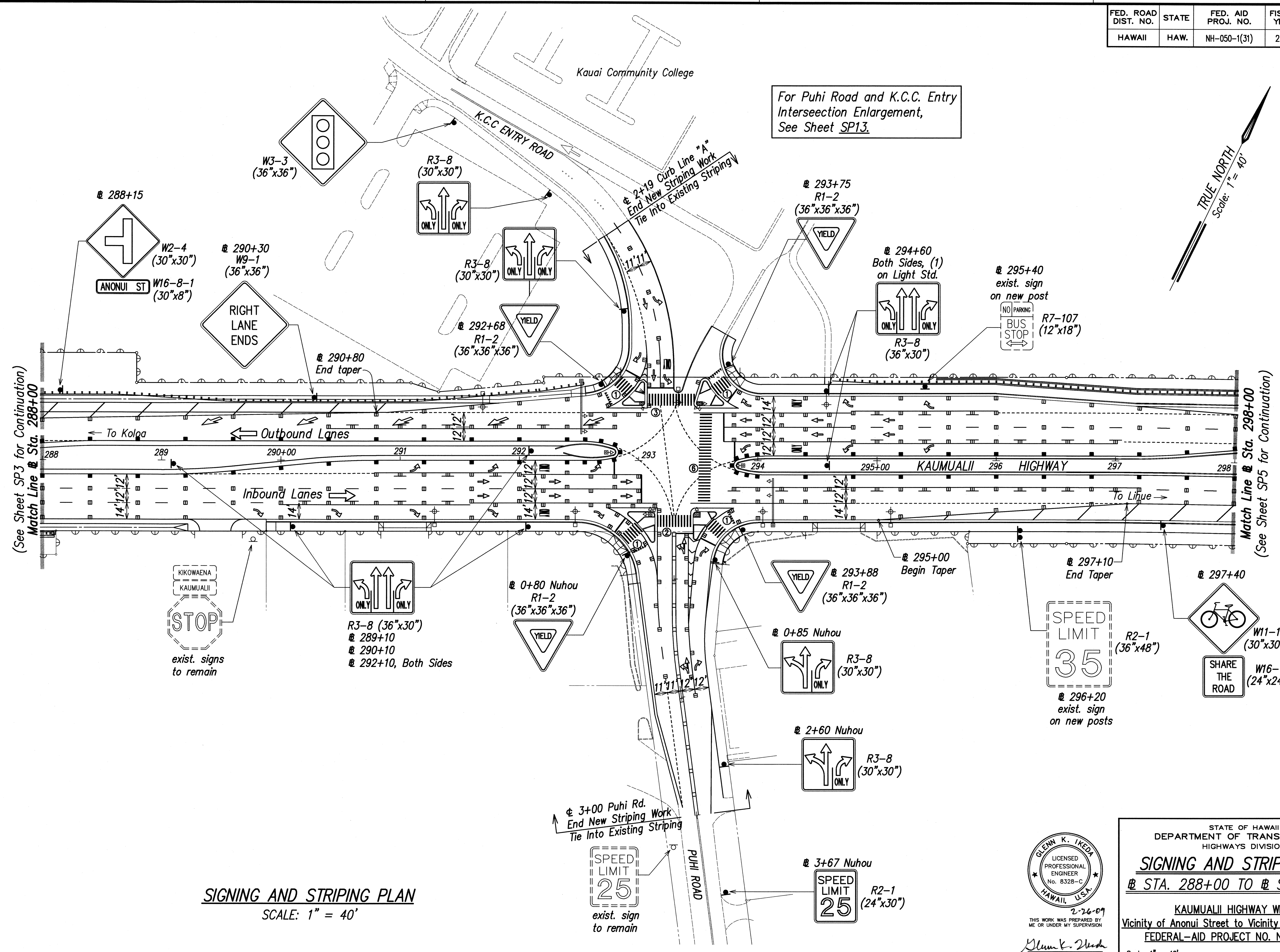
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
STA. 288+00 TO # STA. 298+00

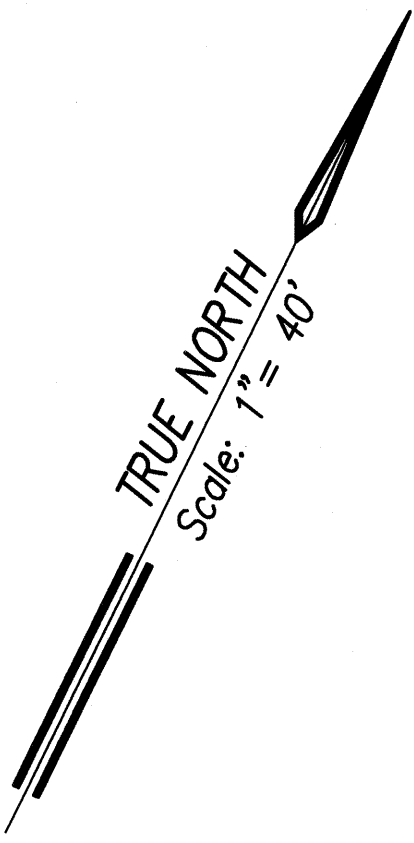
KAUMUALI'I HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: JAN. 2010
SHEET No. SP4 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	234	452



For Puhii Road and K.C.C. Entry Intersection Enlargement, See Sheet SP13.



(See Sheet SP3 for Continuation)
Match Line @ Sta. 288+00

Match Line @ Sta. 298+00
(See Sheet SP5 for Continuation)

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____

LEG: STATE ROUTE MARKING - 1 PHASE 2A, REVISION (PLAN), WIDENING - SP04 - PLAN, 2/23/09



2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
For En, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
@ STA. 288+00 TO @ STA. 298+00

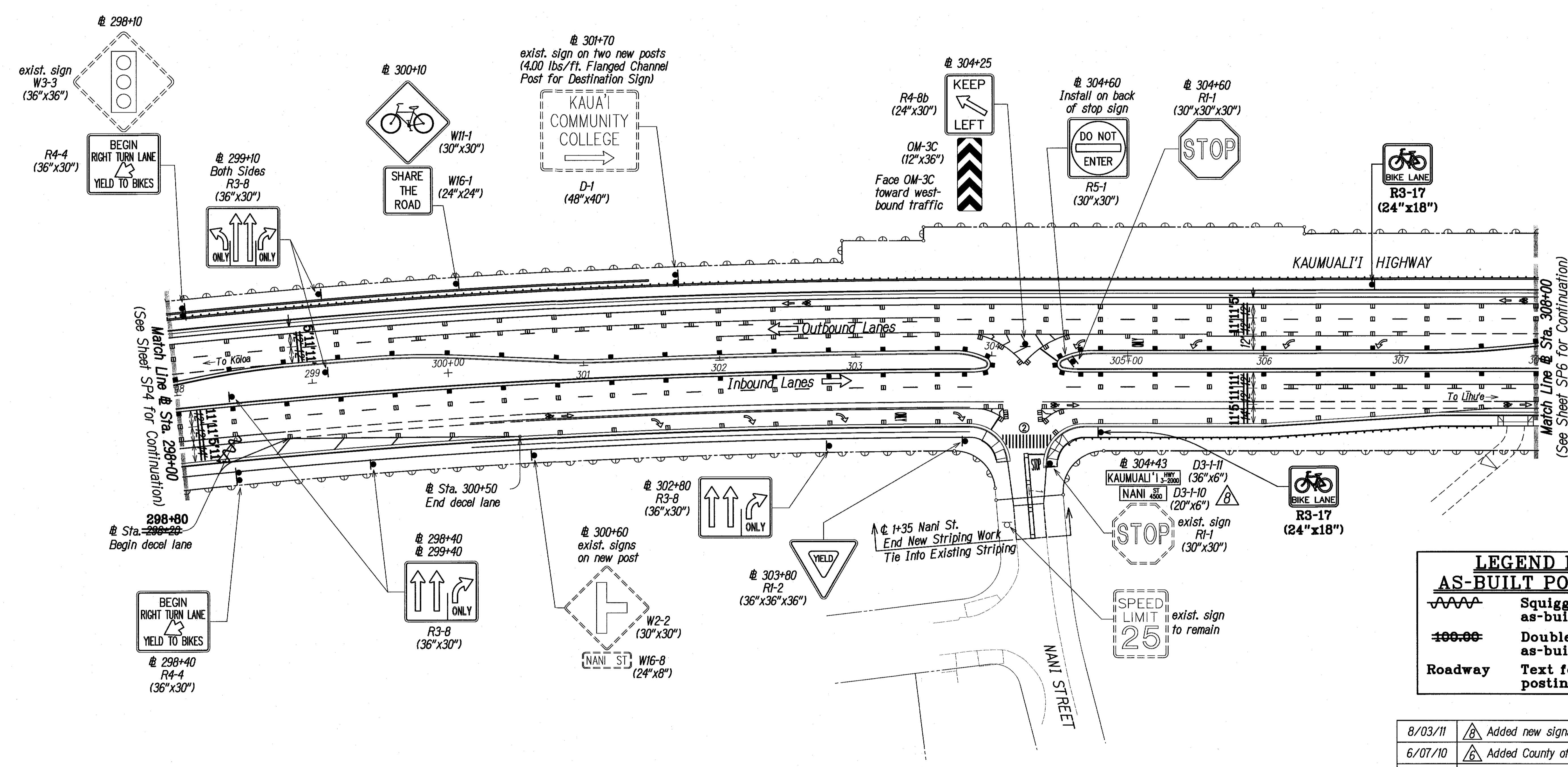
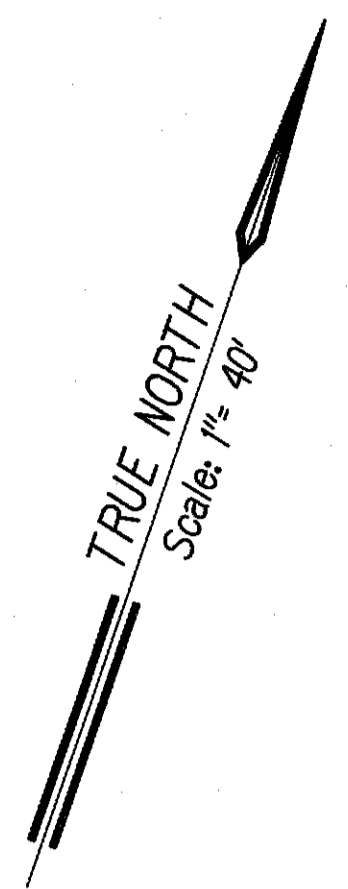
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP4 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O. 235R	452

Nani Street Intersection
Enlargement, see Sht. SP14.



LEGEND FOR AS-BUILT POSTINGS

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

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

235-C05-SP05-P14.dwg 8/03/11

APPROVED:
County Engineer, Dept. of Public Works Date 1-21-11
County of Kauai
(For Work Within County R/W)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
ParEx, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-16

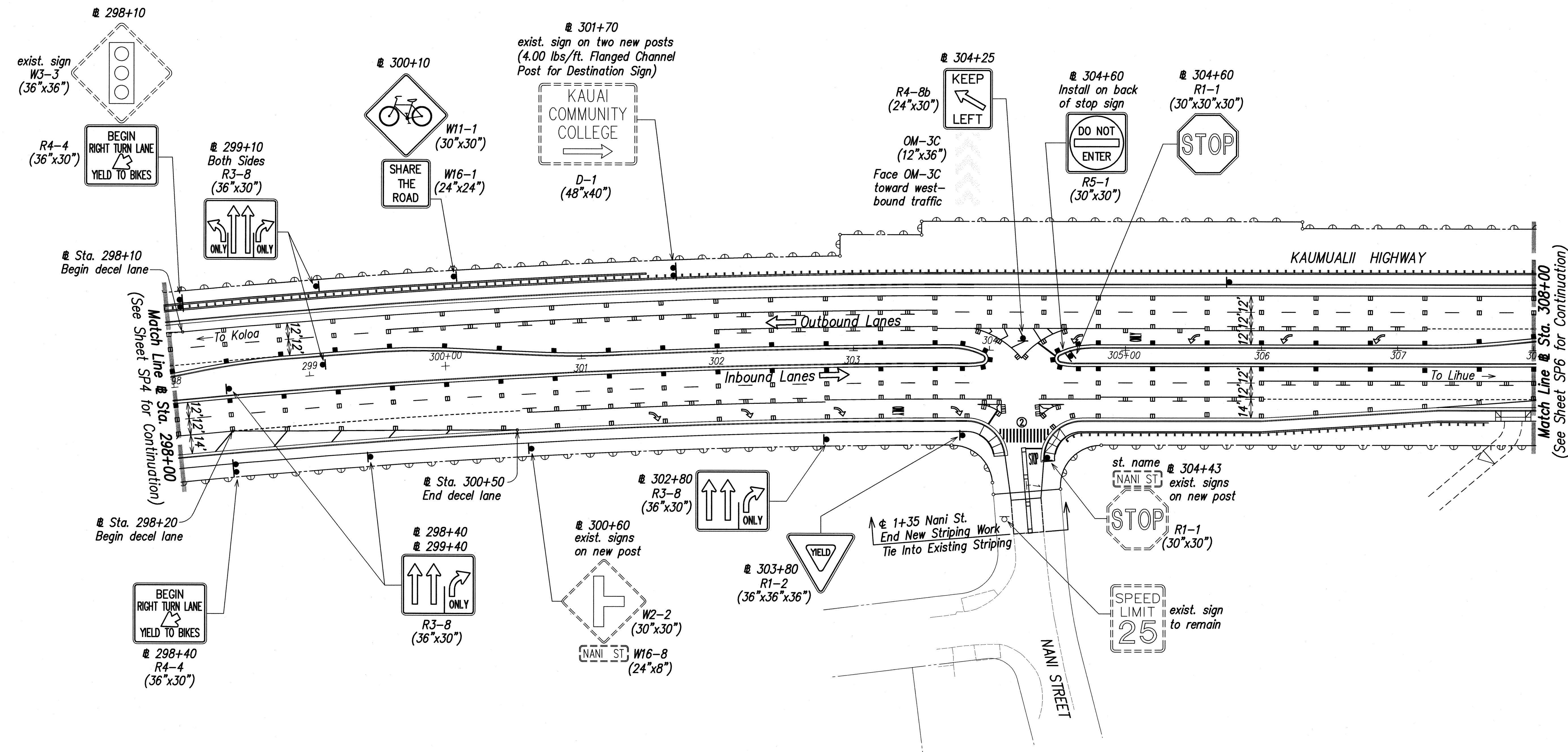
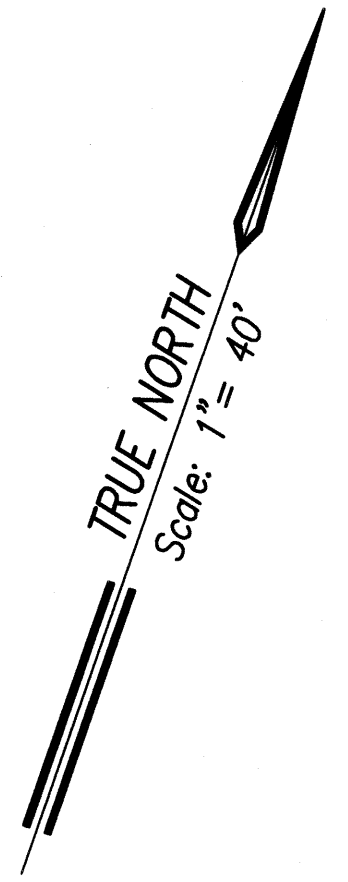
8/03/11	Added new signs.
6/07/10	Added County of Kauai DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING AND STRIPING PLAN	
# STA. 298+00 TO # STA. 308+00	
KAUMUALI'I HIGHWAY WIDENING	
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge	
FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 40'	Date: JAN. 2010
SHEET No. SP5 OF SP26 SHEETS	

"AS-BUILT"

C.O. 235 R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	235	452

Nani Street Intersection
Enlargement, see Sht. SP14.



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

LIBE: STATE\DOT\MAINTENANCE\PHASE2A_REVISION\PLANS\KAWAII\SP05-PLM.dwg 2/23/09

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'



2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
Glenn K. Ikeda
PAREX, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

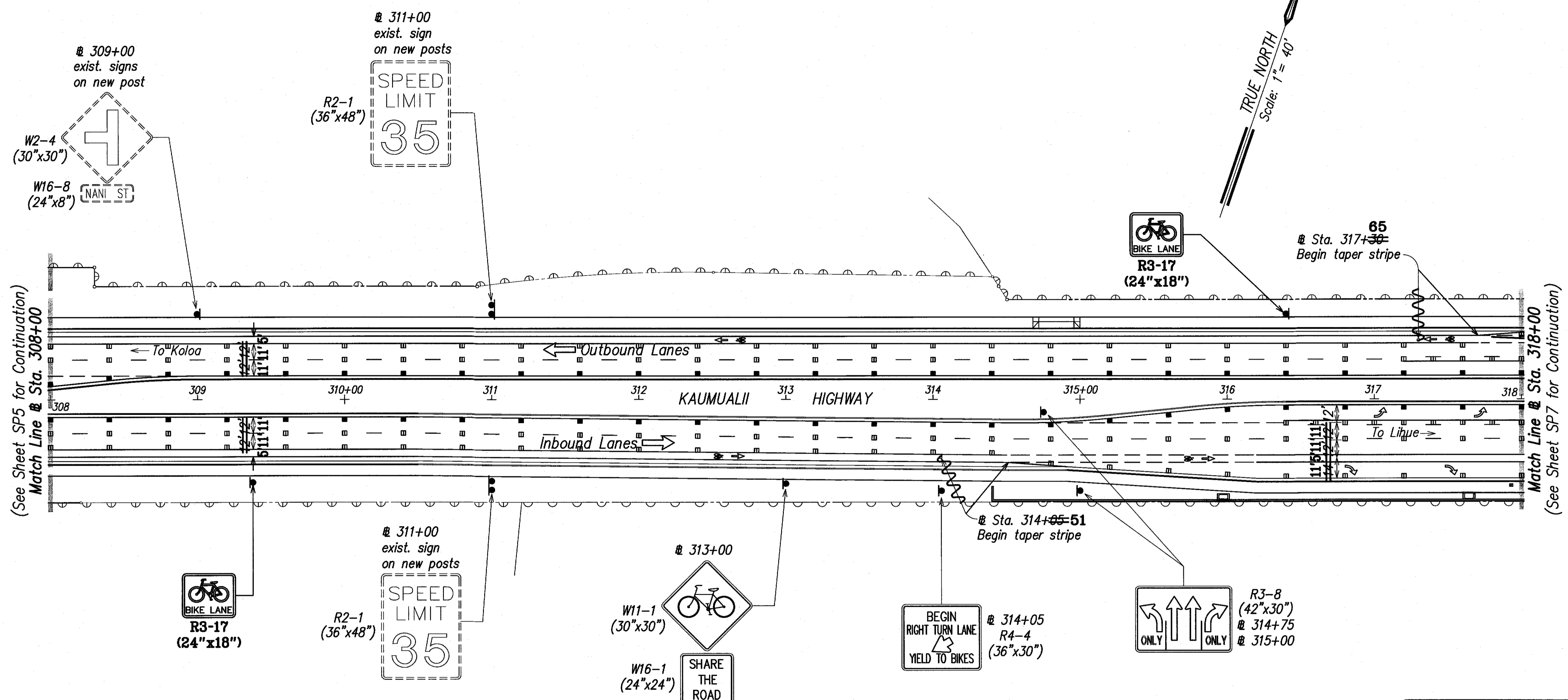
SIGNING AND STRIPING PLAN
STA. 298+00 TO # STA. 308+00

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

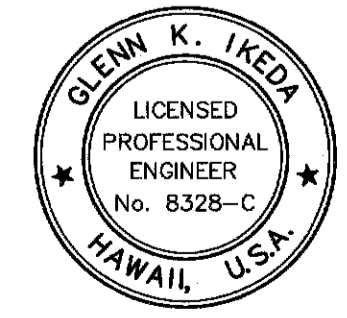
SHEET No. SP5 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	236	452



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

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
STA. 308+00 TO # STA. 318+00

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: JAN. 2010

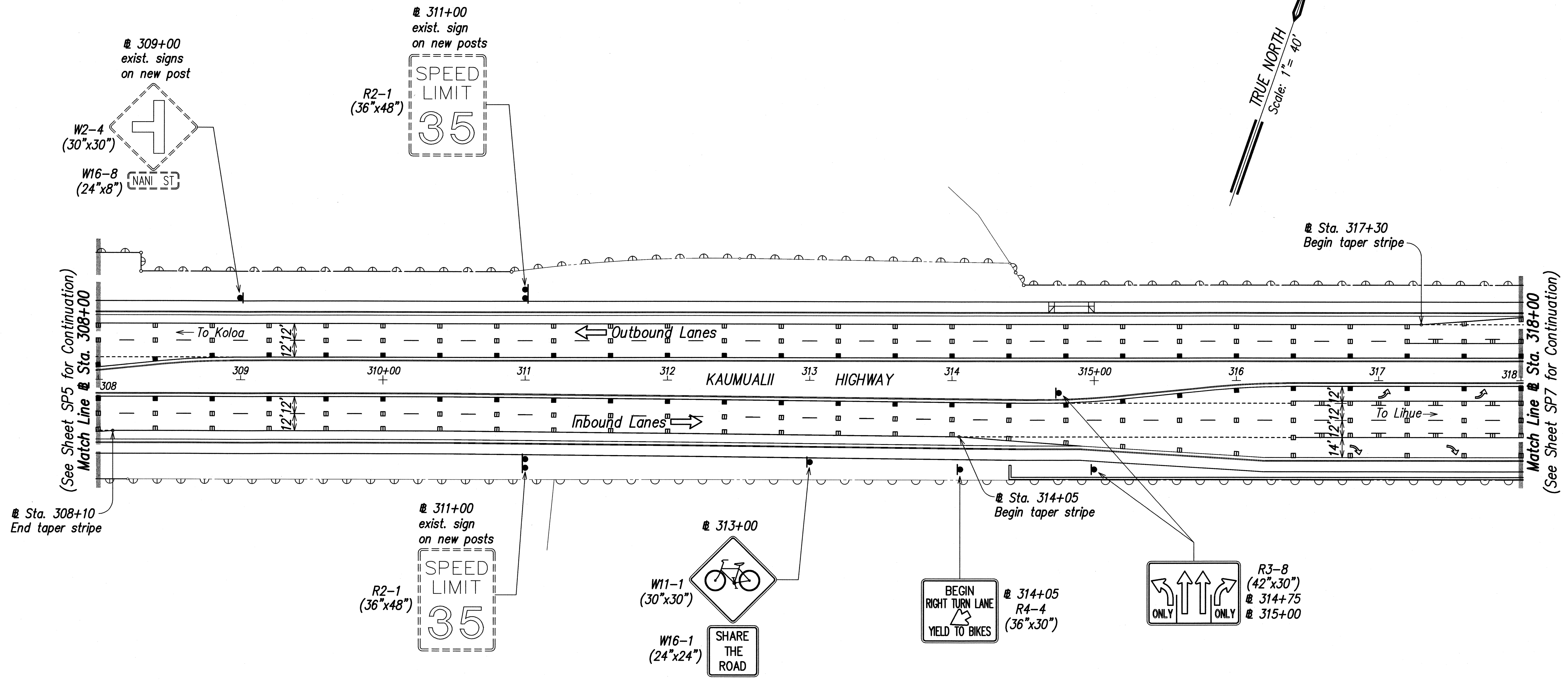
SHEET No. SP6 OF SP26 SHEETS

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

K:\HW-SP6-PUB.dwg 2/23/09

"AS-BUILT"

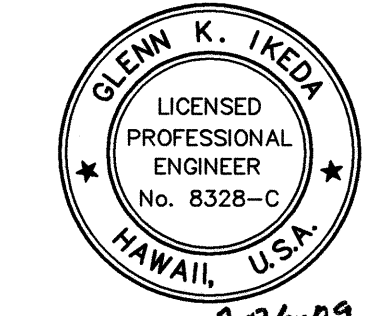
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	236	452



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

LIB: STATE DOT \ADMIN\1\PROJECTS\REVISION PLAN\KAWAII-SP26-PLAN-236.dwg 2/23/09

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'



2-26-09
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Glenn K. Ikeda
Glenn K. Ikeda
P.E., INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
STA. 308+00 TO # STA. 318+00

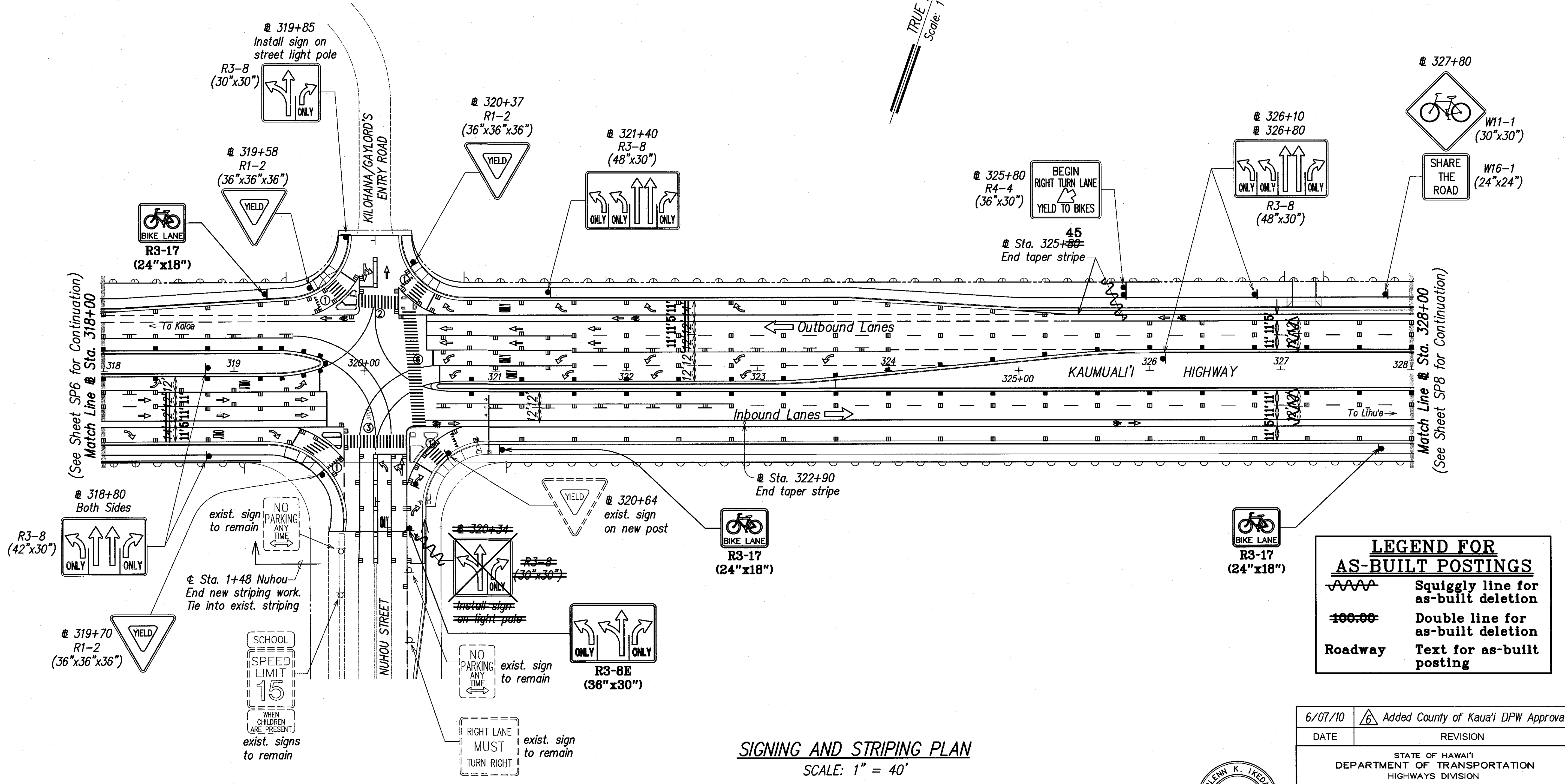
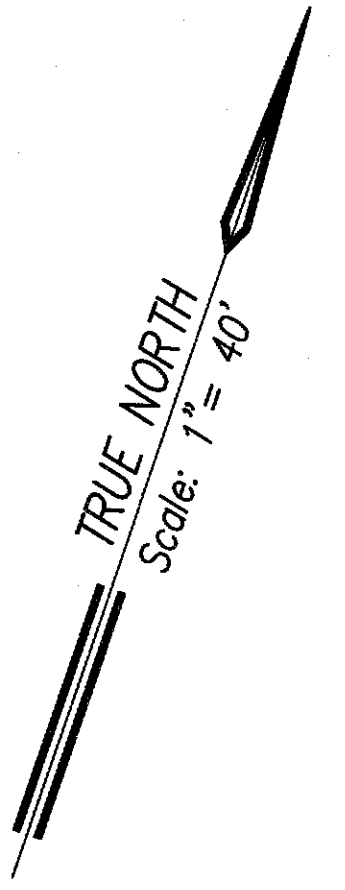
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP6 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	237R	452

For Nuhou Street Intersection Enlargement, see Sht. SP15.



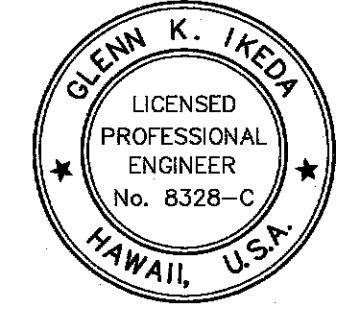
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

DATE
SURVEY PLOTTED BY
DRAWN BY
DESIGNED BY
CHECKED BY
NO.

237-C05-SP07-P06.dwg 3/21/10

APPROVED: Date: 1-21-11
 County Engineer, Dept. of Public Works
 County of Kauai
 (For Work Within County R/W)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Park, Inc.
 a PARK ENGINEERING
 LICENSE EXPIRES 4-30-16

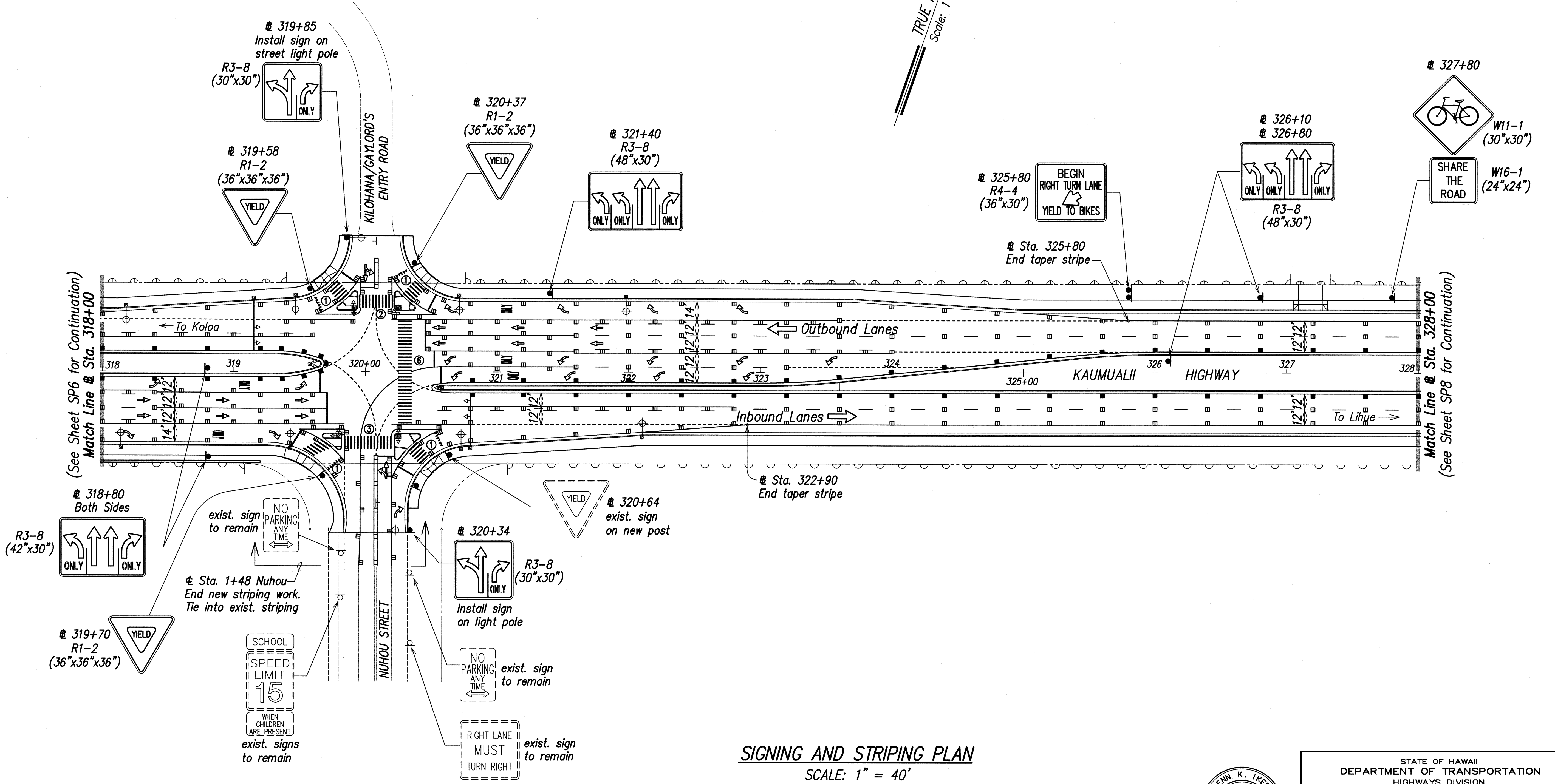
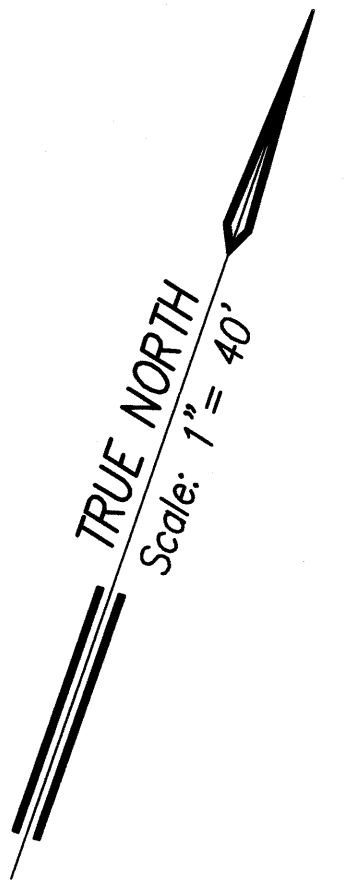
6/07/10	Added County of Kauai DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING AND STRIPING PLAN	
# STA. 318+00 TO # STA. 328+00	
KAUMUALI'I HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge	
FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 40'	Date: JAN. 2010
SHEET No. SP7 OF SP26 SHEETS	

"AS-BUILT"

237R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	237	452

For Nuhou Street Intersection Enlargement, see Sht. SP15.



(See Sheet SP6 for Continuation)
Match Line @ Sta. 318+00

Match Line @ Sta. 328+00
(See Sheet SP8 for Continuation)

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

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

LIBS, STATE DOT, KAUMUALII, PHASE 2A, REVISION PLANS, KAHALOA, HI, NH-050-1(31), FEB. 2009



2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
PAREX, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
@ STA. 318+00 TO @ STA. 328+00

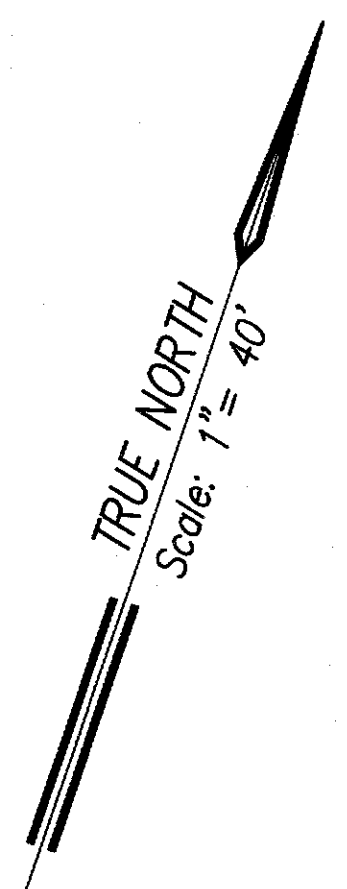
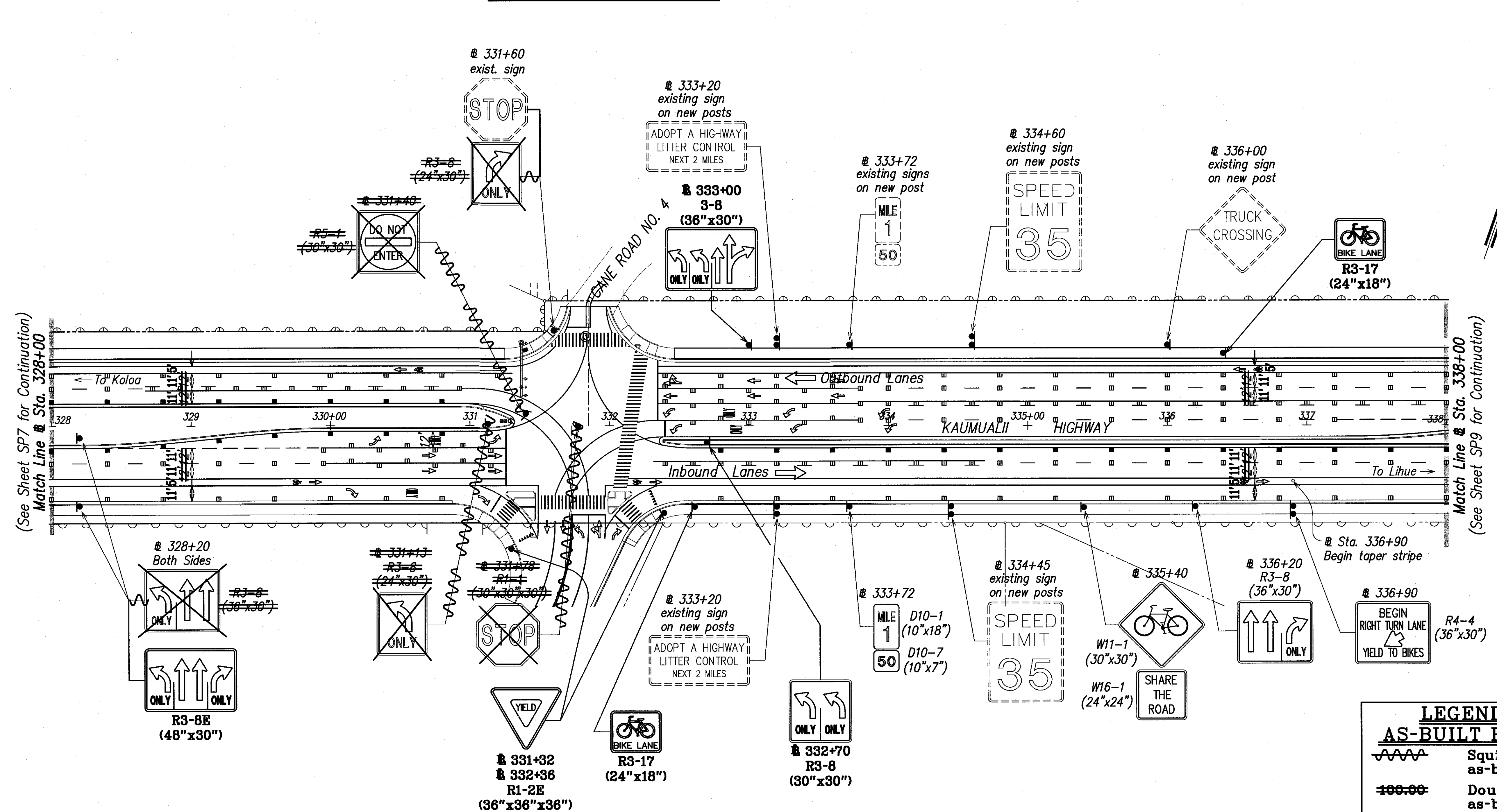
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP7 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	238	452

For Cane Haul Road Intersection Enlargement, see Sheet SP16.



(See Sheet SP7 for Continuation)
Match Line @ Sta. 328+00

Match Line @ Sta. 338+00
(See Sheet SP9 for Continuation)

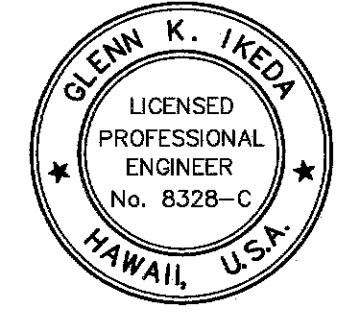
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO.	

K:\Info-SP08-PLAN\07.dwg 2/23/09

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

LEGEND FOR AS-BUILT POSTINGS

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
@ STA. 328+00 TO @ STA. 338+00

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: JAN. 2010

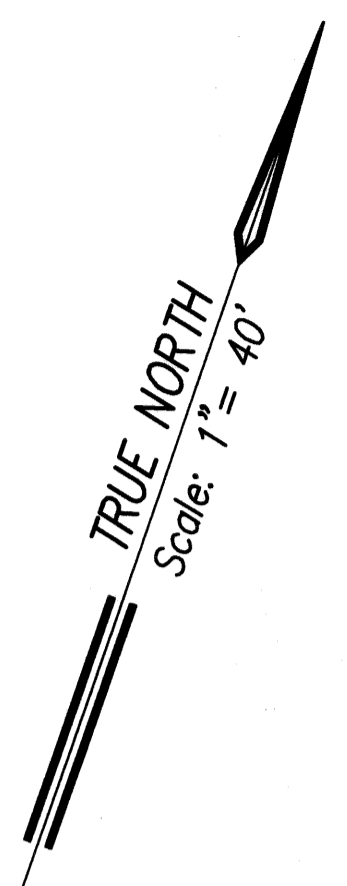
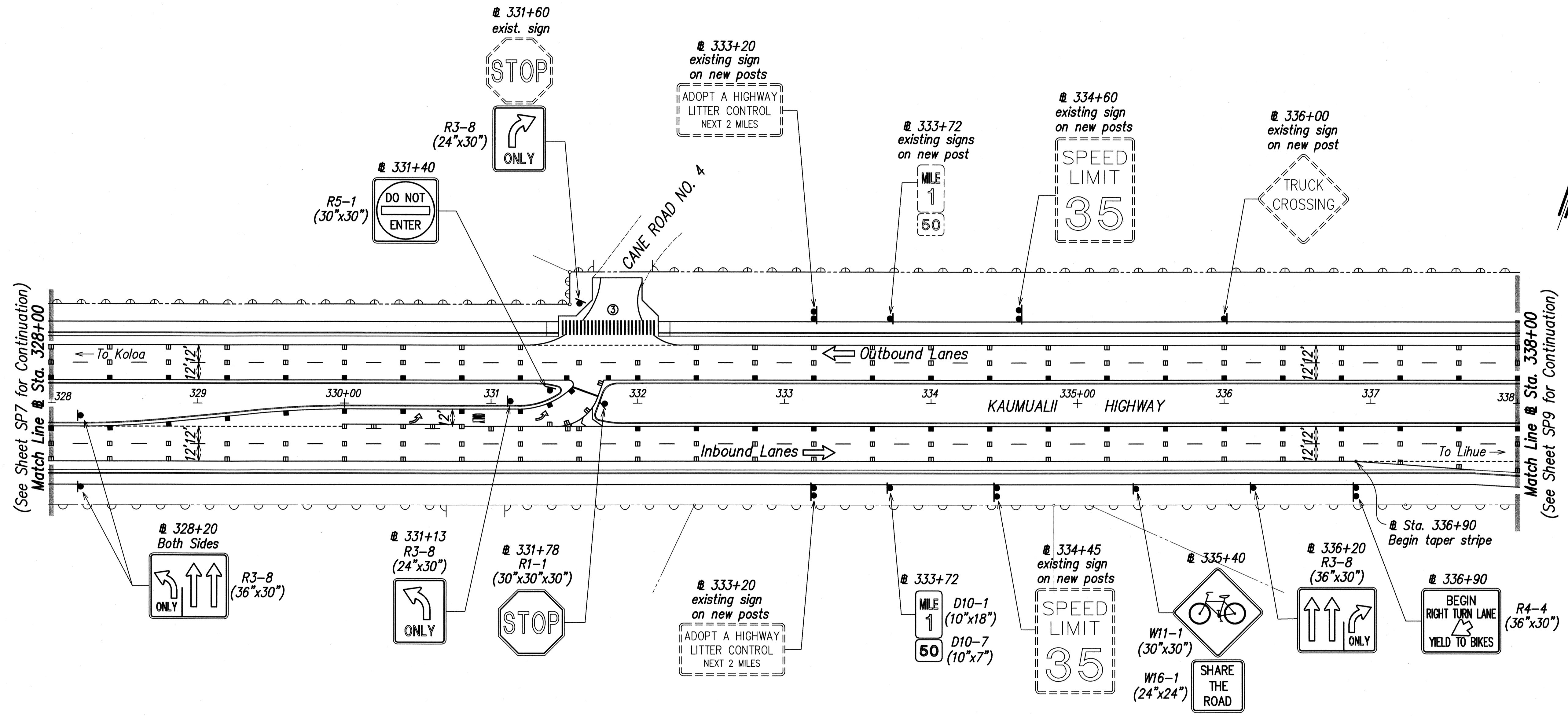
SHEET No. SP8 OF SP26 SHEETS

Pfaff, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-16

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	238	452

For Cane Haul Road Intersection Enlargement, see Sheet SP16.



(See Sheet SP7 for Continuation)
Match Line @ Sta. 328+00

Match Line @ Sta. 338+00
(See Sheet SP9 for Continuation)

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

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

LIB2 STATE DOT/KAUMUALII-1/PHASE1A/REVISION/PLAN/ WHPIS-SP26-PLAN.dwg 2/23/09



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Glenn K. Ikeda
P.E., Inc.
800 PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
@ STA. 328+00 TO @ STA. 338+00

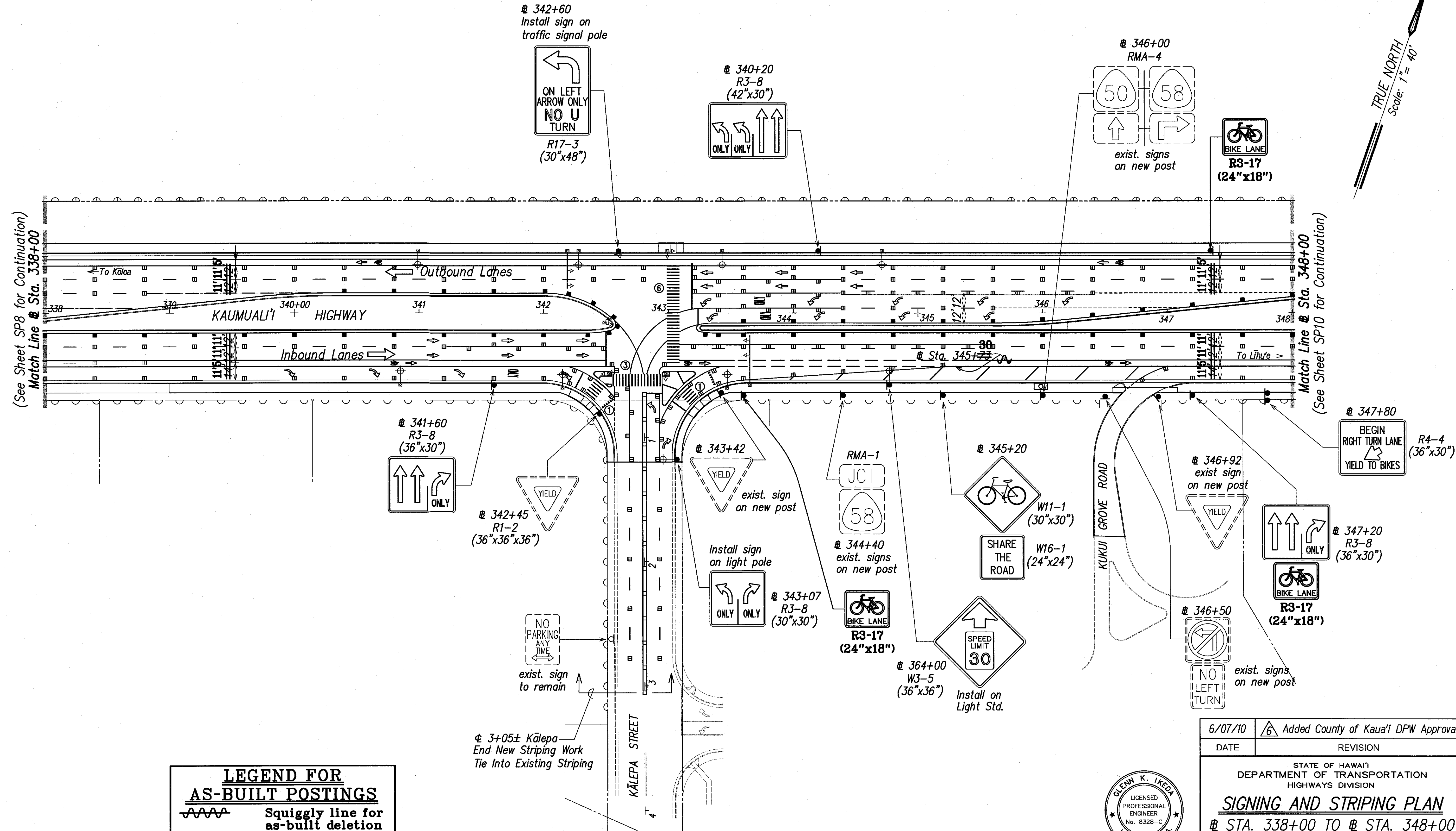
KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP8 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	239R	452

For Detailed Signing & Striping Plan of Kālepa Street Intersection, see Sheet SP17.



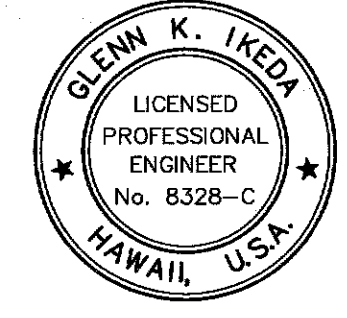
(See Sheet SP8 for Continuation)
Match Line @ Sta. 338+00

(See Sheet SP10 for Continuation)
Match Line @ Sta. 348+00

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

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

APPROVED:
County Engineer, Dept. of Public Works Date 1-21-11
County of Kauai
(For Work Within County R/W)



6/07/10	Added County of Kauai DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING AND STRIPING PLAN	
# STA. 338+00 TO # STA. 348+00	
KAUMUALI'I HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge	
FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 40'	Date: JAN. 2010
SHEET No. SP9 OF SP26 SHEETS	

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

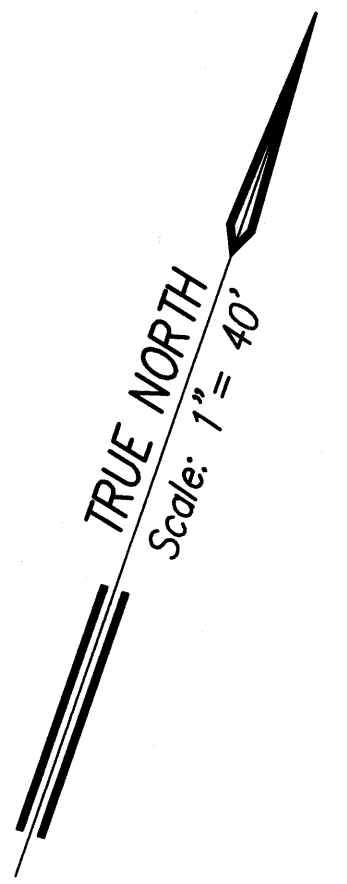
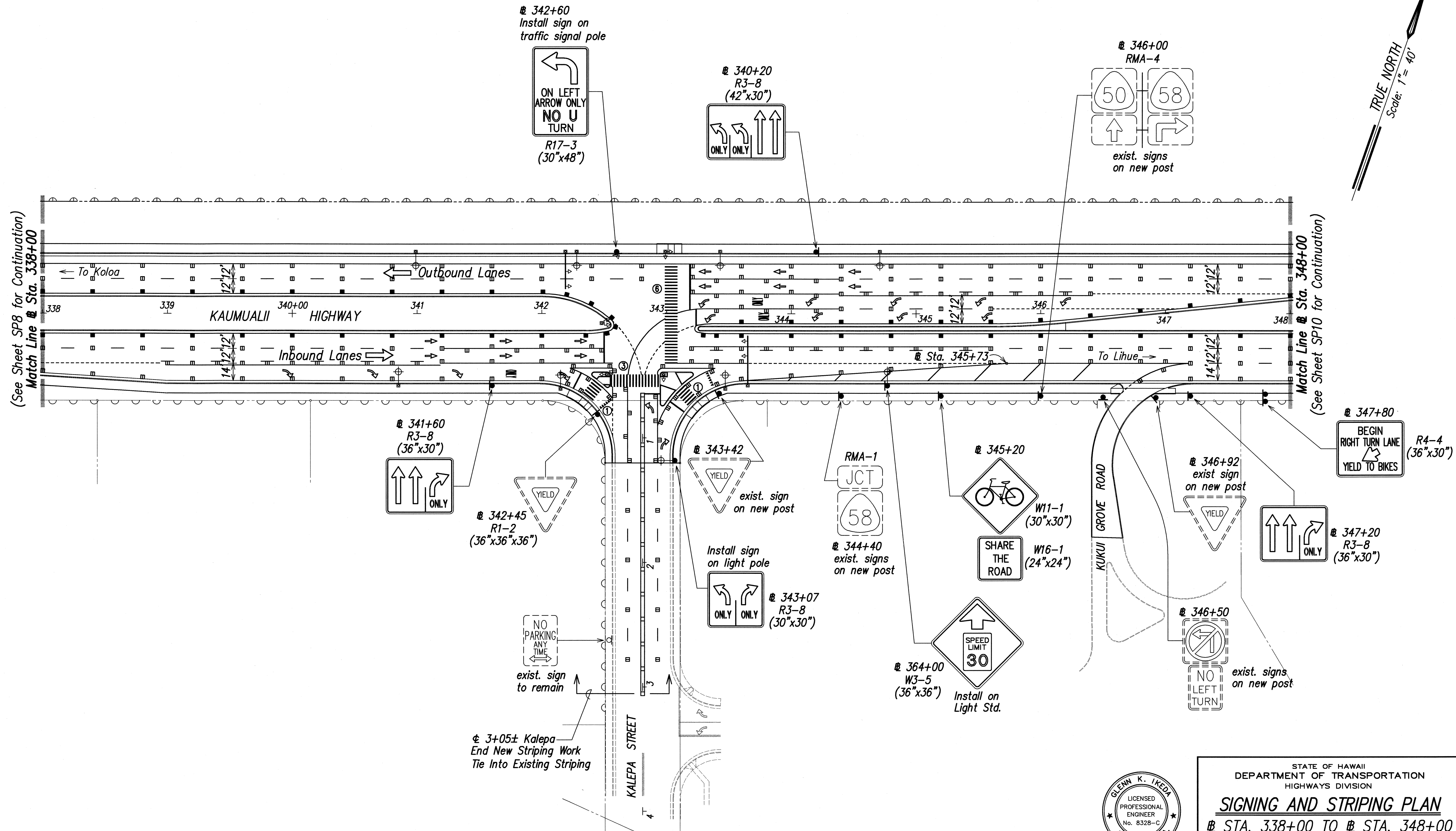
238-00-SP09-RUN.dwg 3/21/10

"AS-BUILT"

239 R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	239	452

For Detailed Signing & Striping Plan of Kalepa Street Intersection, see Sheet SP17.



(See Sheet SP8 for Continuation)
Match Line @ Sta. 338+00

(See Sheet SP10 for Continuation)
Match Line @ Sta. 348+00

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

LEG: STATE DOT KAUMUALII - PLANESIA REGION (LANE) - NH-050-SP08-PLAN-09 2/23/09

@ 3+05± Kalepa
End New Striping Work
Tie Into Existing Striping

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'



2-16-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
Glenn K. Ikeda
Professional Engineer
No. 8328-C
HAWAII, U.S.A.
LISCENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

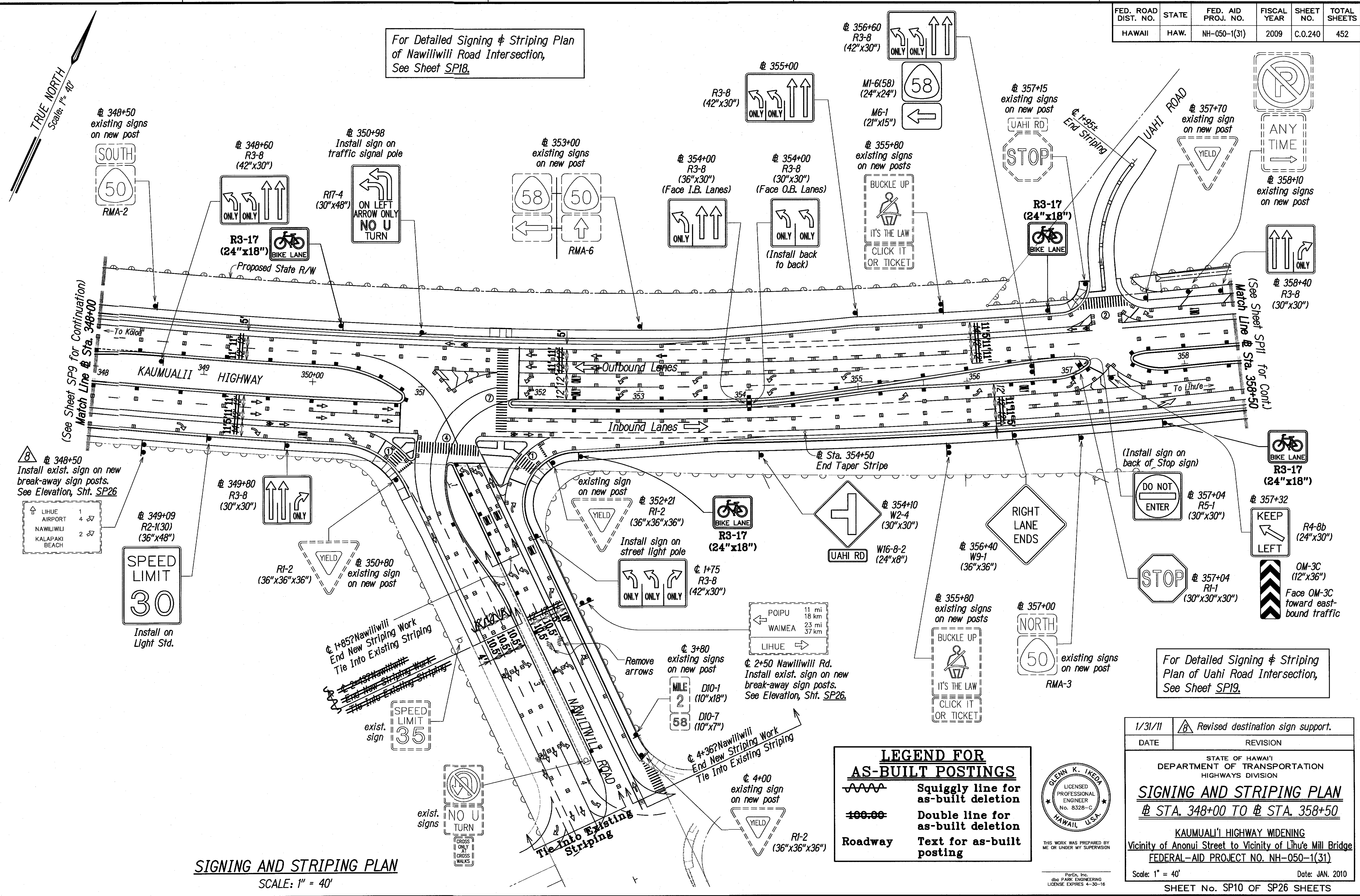
SIGNING AND STRIPING PLAN
@ STA. 338+00 TO @ STA. 348+00

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

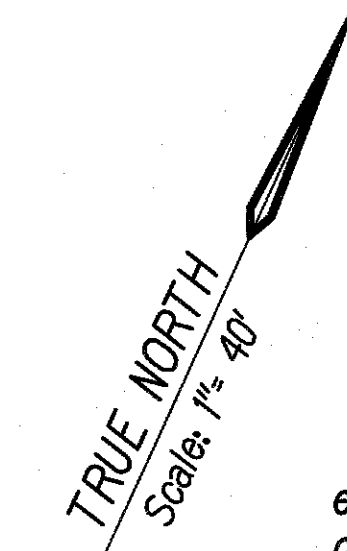
SHEET No. SP9 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O.240	452



For Detailed Signing & Striping Plan of Nawiliwili Road Intersection, See Sheet SP18.

For Detailed Signing & Striping Plan of Uaahi Road Intersection, See Sheet SP19.



Install exist. sign on new break-away sign posts. See Elevation, Sht. SP26

LIHUE AIRPORT	1	↔
NAWILIWILI	4	↔
KALAPAKI BEACH	2	↔

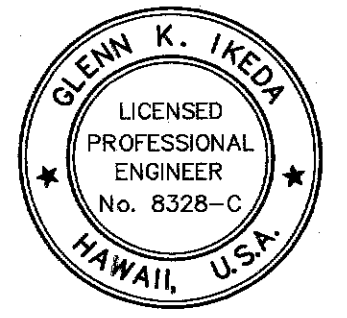
Install on Light Std.

Remove arrows
 End New Striping Work
 Tie Into Existing Striping

Install exist. sign on new break-away sign posts. See Elevation, Sht. SP26.

LEGEND FOR AS-BUILT POSTINGS

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Park, Inc. dba PARK ENGINEERING LICENSE EXPIRES 4-30-16

1/31/11	Revised destination sign support.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING AND STRIPING PLAN # STA. 348+00 TO # STA. 358+50	
KAUMUALII HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 40'	Date: JAN. 2010
SHEET No. SP10 OF SP26 SHEETS	

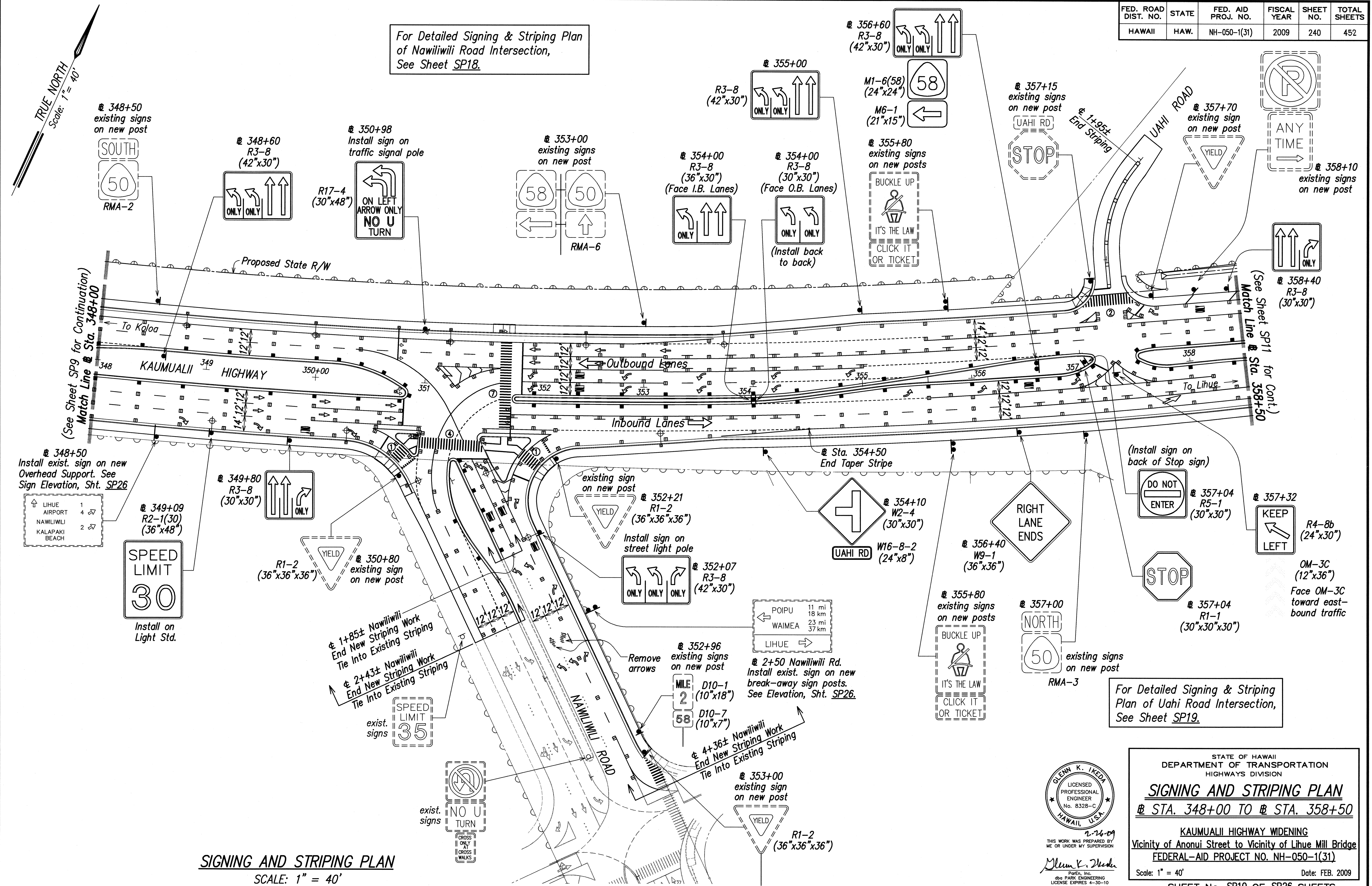
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

"AS-BUILT"

C.O. 240

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	240	452



Install exist. sign on new Overhead Support. See Sign Elevation, Sht. SP26

↑	LIHUE AIRPORT	1	↔
↑	NAWILIWILI	4	↔
↑	KALAPAKI BEACH	2	↔

SPEED LIMIT 30
Install on Light Std.

1+85± Nawiliwili End New Striping Work Tie Into Existing Striping
2+43± Nawiliwili End New Striping Work Tie Into Existing Striping

POIPIU 11 mi
WAIMEA 23 mi
LIHUE 37 mi

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

LIBRARY STATE OF HAWAII - TRANSPORTATION DEPARTMENT, 2150 KALANIANA'OHU DRIVE, HONOLULU, HAWAII 96820

GLENN K. IKEDA
LICENSED PROFESSIONAL ENGINEER
No. 8328-C
HAWAII, U.S.A.
2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

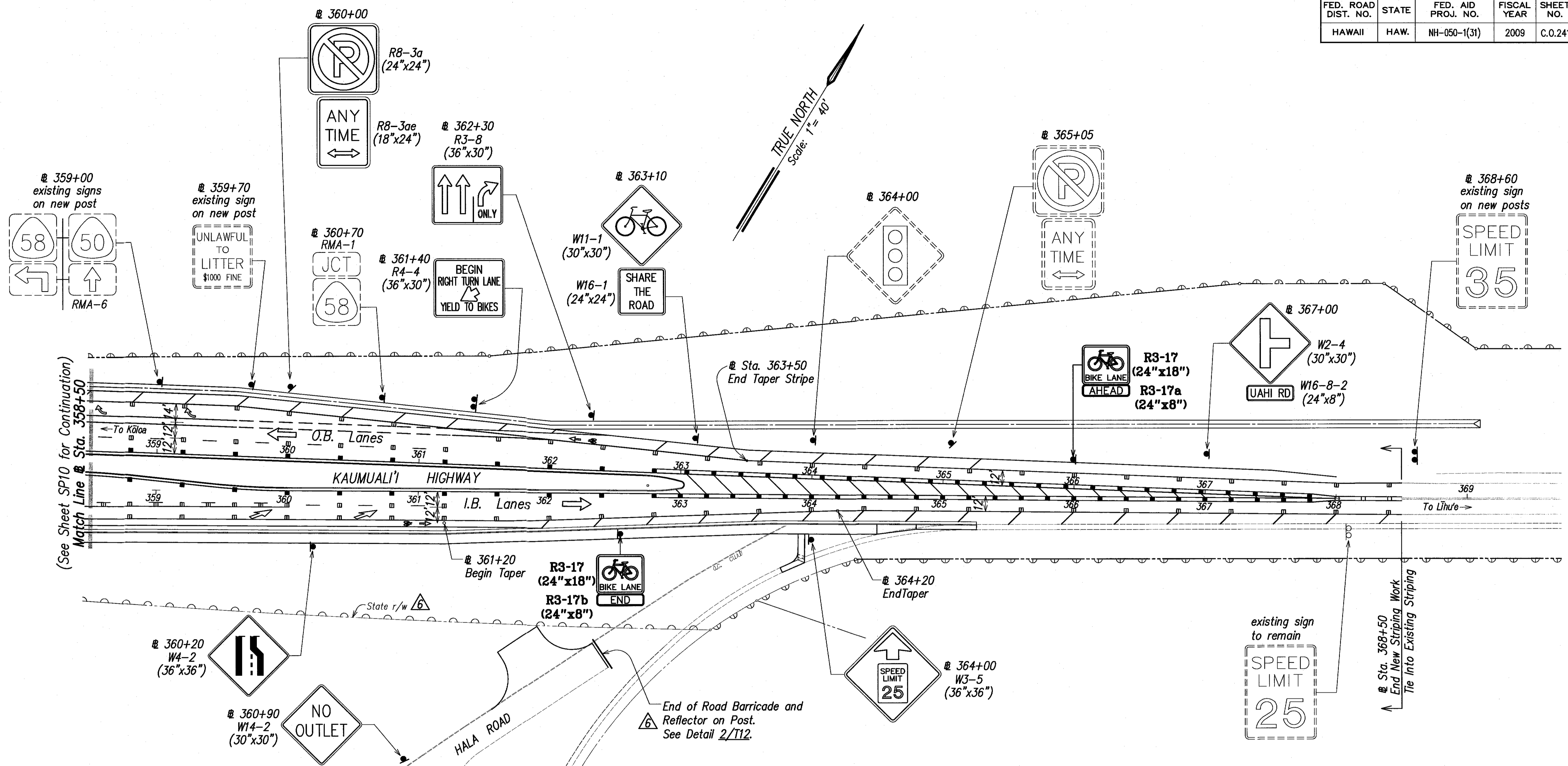
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING AND STRIPING PLAN
STA. 348+00 TO # STA. 358+50

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009
SHEET No. SP10 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O.241	452



(See Sheet SP10 for Continuation)
Match Line @ Sta. 358+50

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

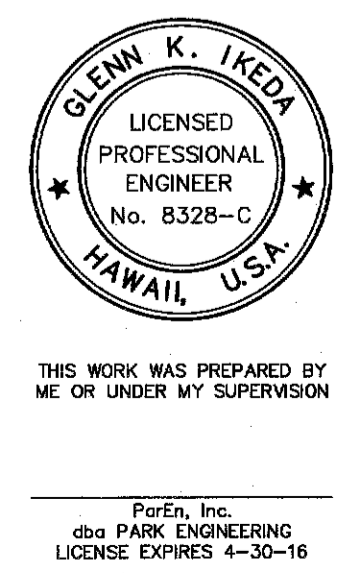
24-CO2-SP11-R1010.eng 9/27/10

SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

LEGEND FOR AS-BUILT POSTINGS

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

APPROVED:
County Engineer, Dept. of Public Works Date 1-21-11
County of Kauai
(For Work Within County R/W)

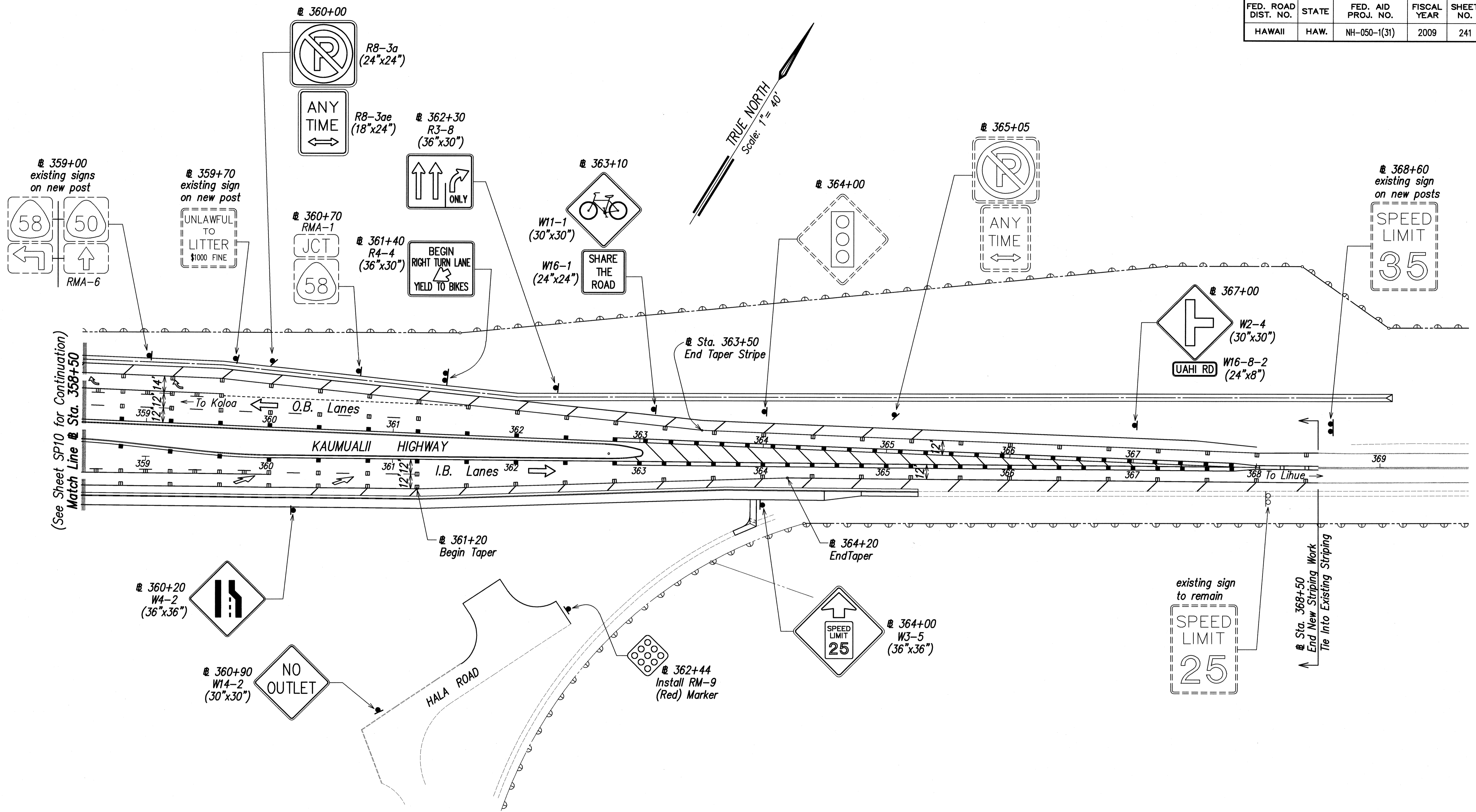


6/07/10	Added County of Kauai DPW Approval. Added End of Road Barrier. Added r/w line near Hala Road.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING AND STRIPING PLAN @ STA. 358+50 TO @ STA. 368+50	
KAUMUALI'I HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 40'	Date: JAN. 2010
SHEET No. SP11 OF SP26 SHEETS	

"AS-BUILT"

C.O. 241

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	241	452



SIGNING AND STRIPING PLAN
SCALE: 1" = 40'

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

LIBS, STATE OF HAWAII, HONOLULU, HAWAII, NH-050-1(31), FEB. 2009



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
Glenn K. Ikeda
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

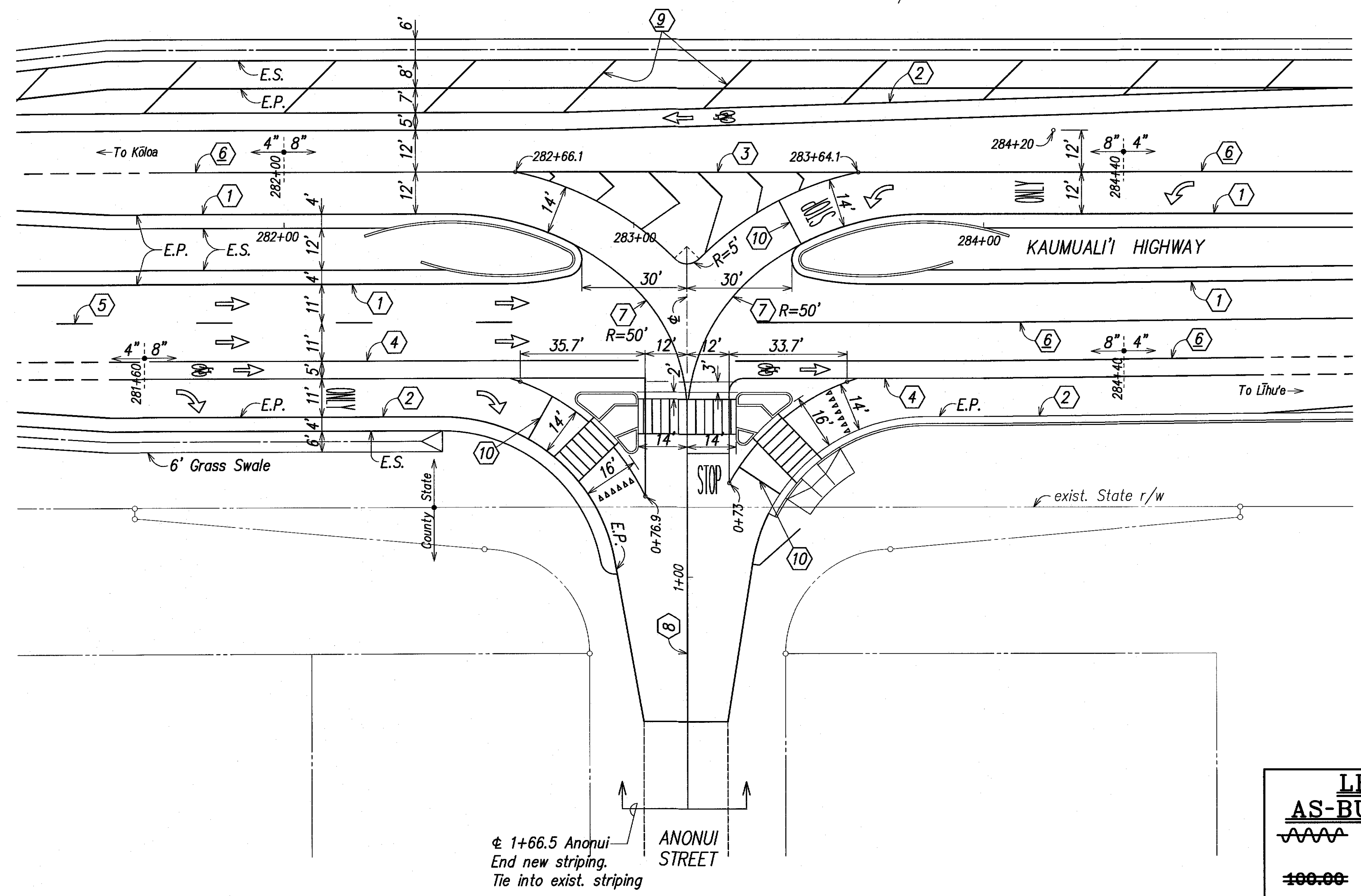
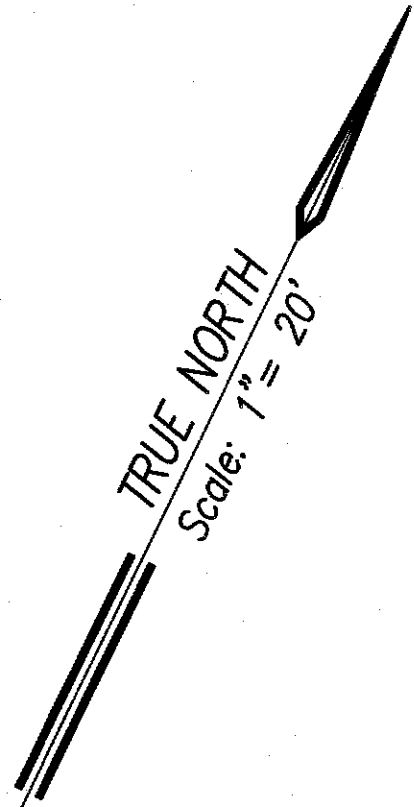
SIGNING AND STRIPING PLAN
STA. 358+50 TO # STA. 368+50

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 40' Date: FEB. 2009

SHEET No. SP11 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	242R	452



STRIPING PLAN
ANONU I STREET INTERSECTION ENLARGEMENT
 SCALE: 1" = 20'

Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. (Alternately Installed) 10'
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20'~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
- ⑦ 4" Yellow Guide Stripes Radius = 50 ft.
- ⑧ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced ~~20'~~ o.c. 10'
- ⑨ 12" White Transverse Shoulder Marking
- ⑩ 12" White Stop Line

Legend:

- Street Sign
- Type I Traffic Signal Std.
- Type II Traffic Signal Std.
- Street Light
- Straight Arrow. See Typical Detail, Sht. SP21.
- Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- Yield pavement markings. See Typical Detail, Sht. SP22.
- Bike Lane Marking See Typical Detail, Sht. SP21.

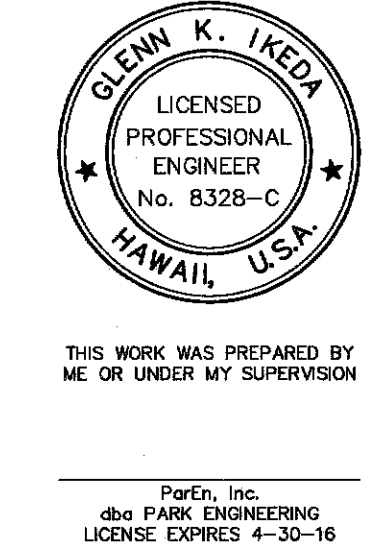
LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

APPROVED: Date 1-21-11
 County Engineer, Dept. of Public Works
 County of Kaua'i
 (For Work Within County R/W)



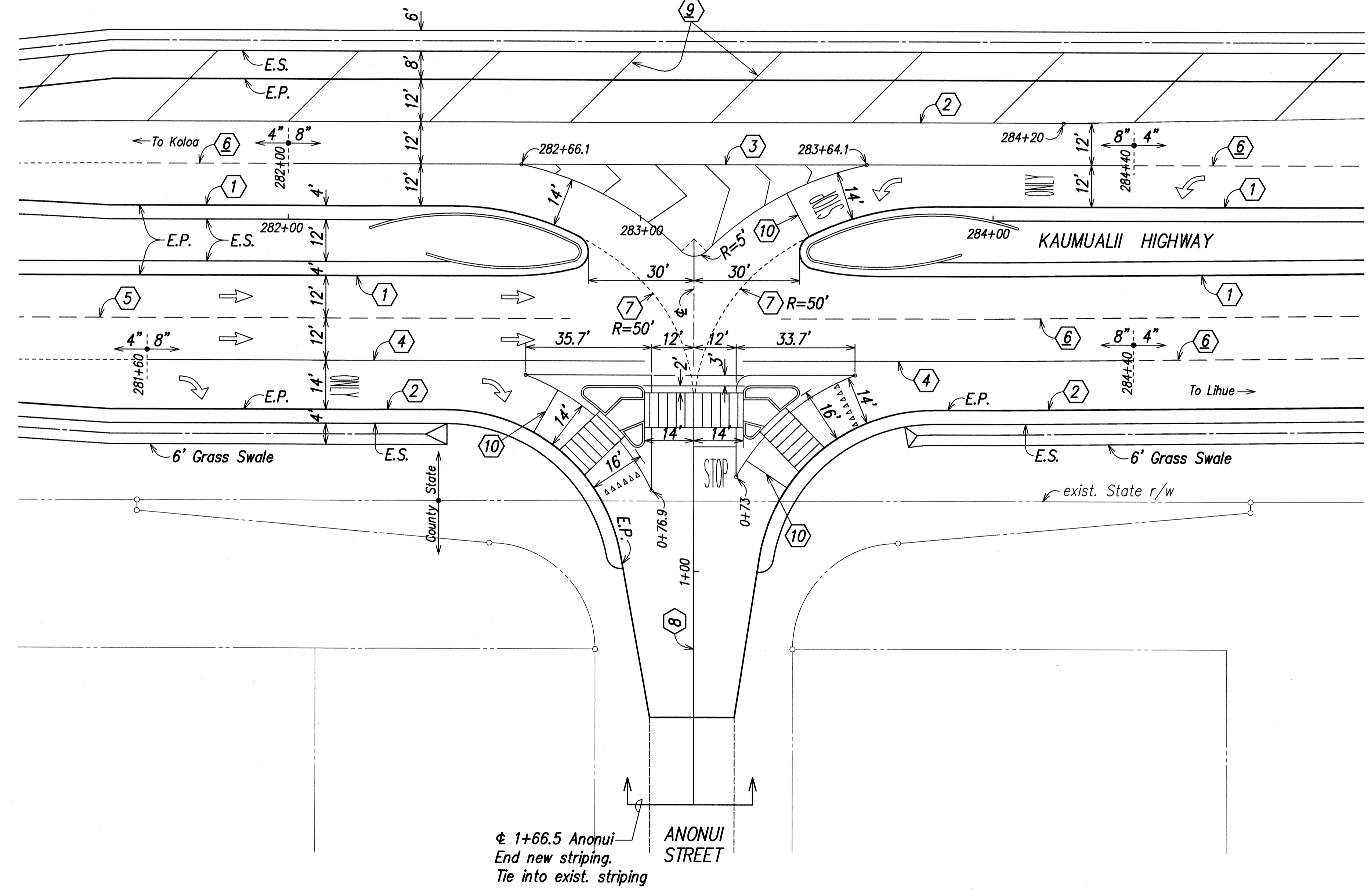
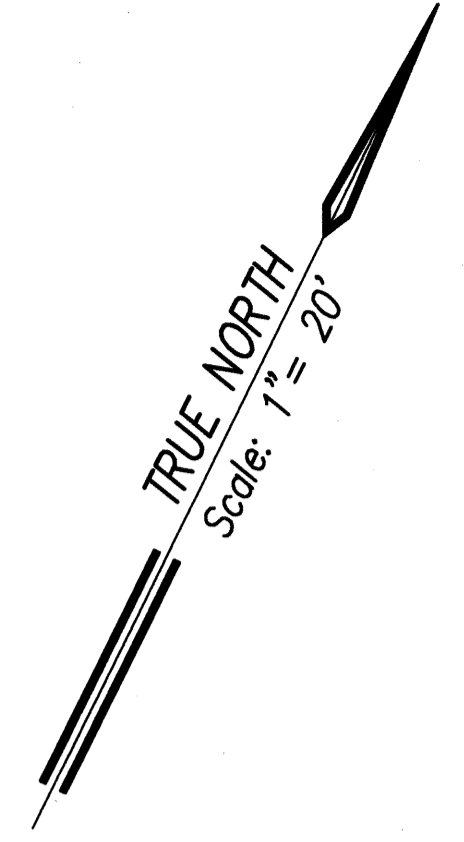
6/07/10	⑥ Added County of Kaua'i DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STRIPING PLAN	
ANONU I STREET ENLARGEMENT	
KAUMUALI'I HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 20'	Date: JAN. 2010
SHEET No. SP12 OF SP26 SHEETS	

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

"AS-BUILT"

242R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	242	452



Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 4" Yellow Guide Stripes Radius = 50 ft.
- ⑧ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑨ 12" White Transverse Shoulder Marking
- ⑩ 12" White Stop Line

Legend:

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typical Detail, Sht. SP21.
- ↪ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋯⋯⋯⋯ Yield pavement markings. See Typical Detail, Sht. SP22.

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

LIBS, STATE DOT, KAUMUALII DIVISION, REGIONAL PLANS, 1000 W. WILSON ST., HONOLULU, HI 96813-2000

STRIPING PLAN
ANONU STREET INTERSECTION ENLARGEMENT
 SCALE: 1" = 20'

± 1+66.5 Anonui
 End new striping.
 Tie into exist. striping



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Glenn K. Ikeda
 Park, Inc.
 dba PARK ENGINEERING
 LICENSE EXPIRES 4-30-10

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

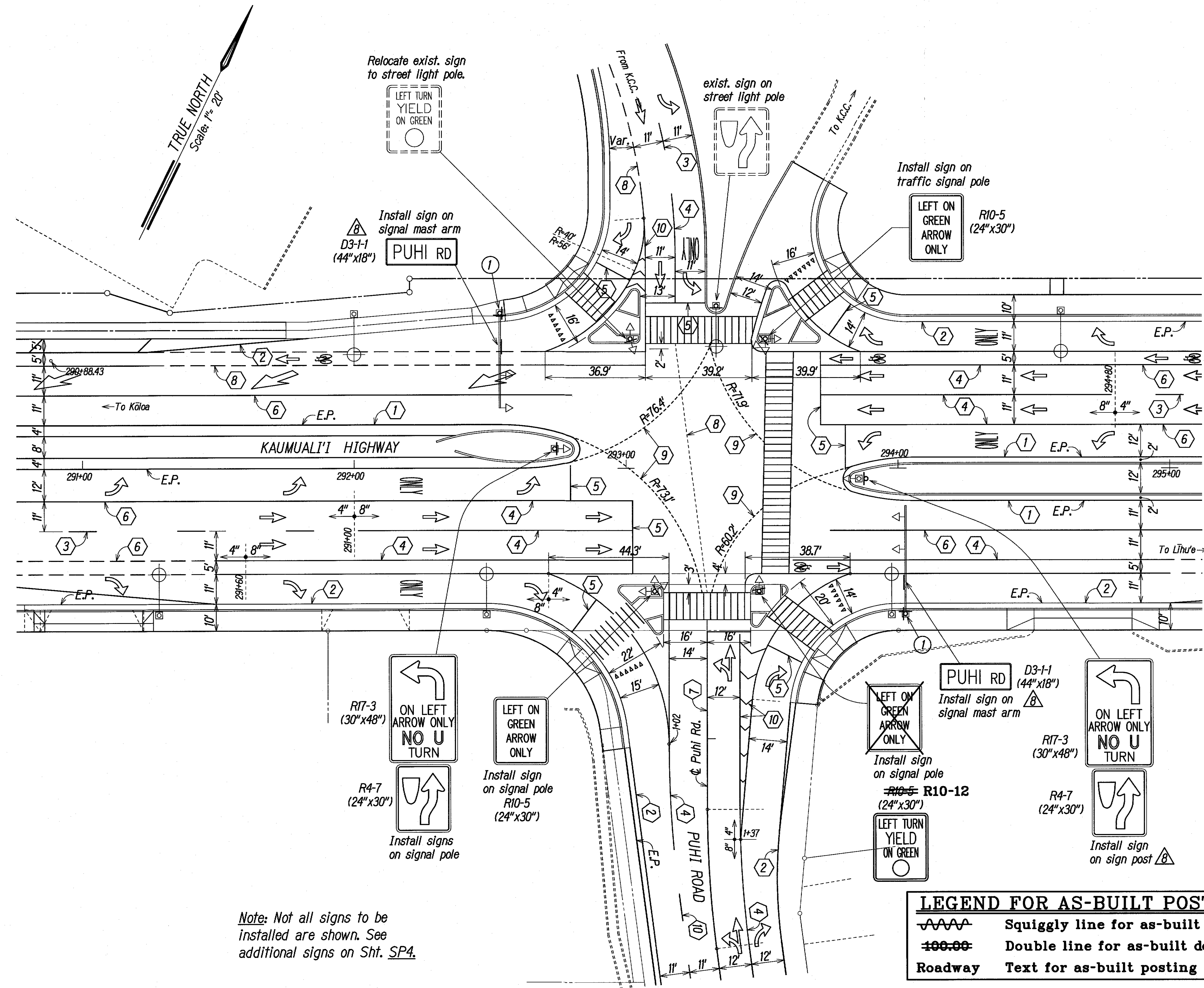
STRIPING PLAN
ANONU STREET ENLARGEMENT

KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB, 2009

SHEET No. SP12 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O.243	452



- Pavement Marking Call-Offs**
- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40"~~ o.c. at edge of pavement 20'
 - ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40"~~ o.c. at edge of pavement 20'
 - ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40"~~ o.c. 20'
 - ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20"~~ o.c. (Alternately Installed) 10'
 - ⑤ 12" White Stop Line
 - ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20"~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40"~~ o.c. 20'
 - ⑦ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced ~~20"~~ o.c. 10'
 - ⑧ 4" White Guide Stripe
 - ⑨ 4" Yellow Guide Stripe
 - ⑩ 4" White Edge Stripe with 12" White Transverse Stripes spaced as shown.

- ① Install street name signs on traffic signal std.
 - KAUMUALI' HWY D3-1-9A
 - PUHI RD D3-1-5

Legend:

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typ. Detail, Sht. SP21.
- ↔ Straight & Turn Arrow. See Typ. Detail, Sht. SP21.
- ↔ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋯ Yield pavement markings. See Typical Detail, Sht. SP22.
- ↔ Bike Lane Marking See Typical Detail, Sht. SP21.


Note: Not all signs to be installed are shown. See additional signs on Sht. SP4.

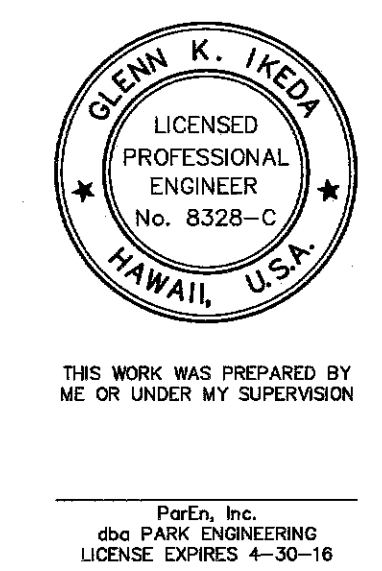
LEGEND FOR AS-BUILT POSTINGS

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

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

SIGNING & STRIPING PLAN
PUHI ROAD & K.C.C. ENTRY ROAD ENLARGEMENT
 SCALE: 1" = 20'

APPROVED:  1-21-11
 County Engineer, Dept. of Public Works Date
 County of Kauai
 (For Work Within County R/W)



8/03/11	⑧ Revised Signs.
6/07/10	⑧ Added County of Kauai DPW Approval.
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
PUHI ROAD & KCC ENTRY ROAD

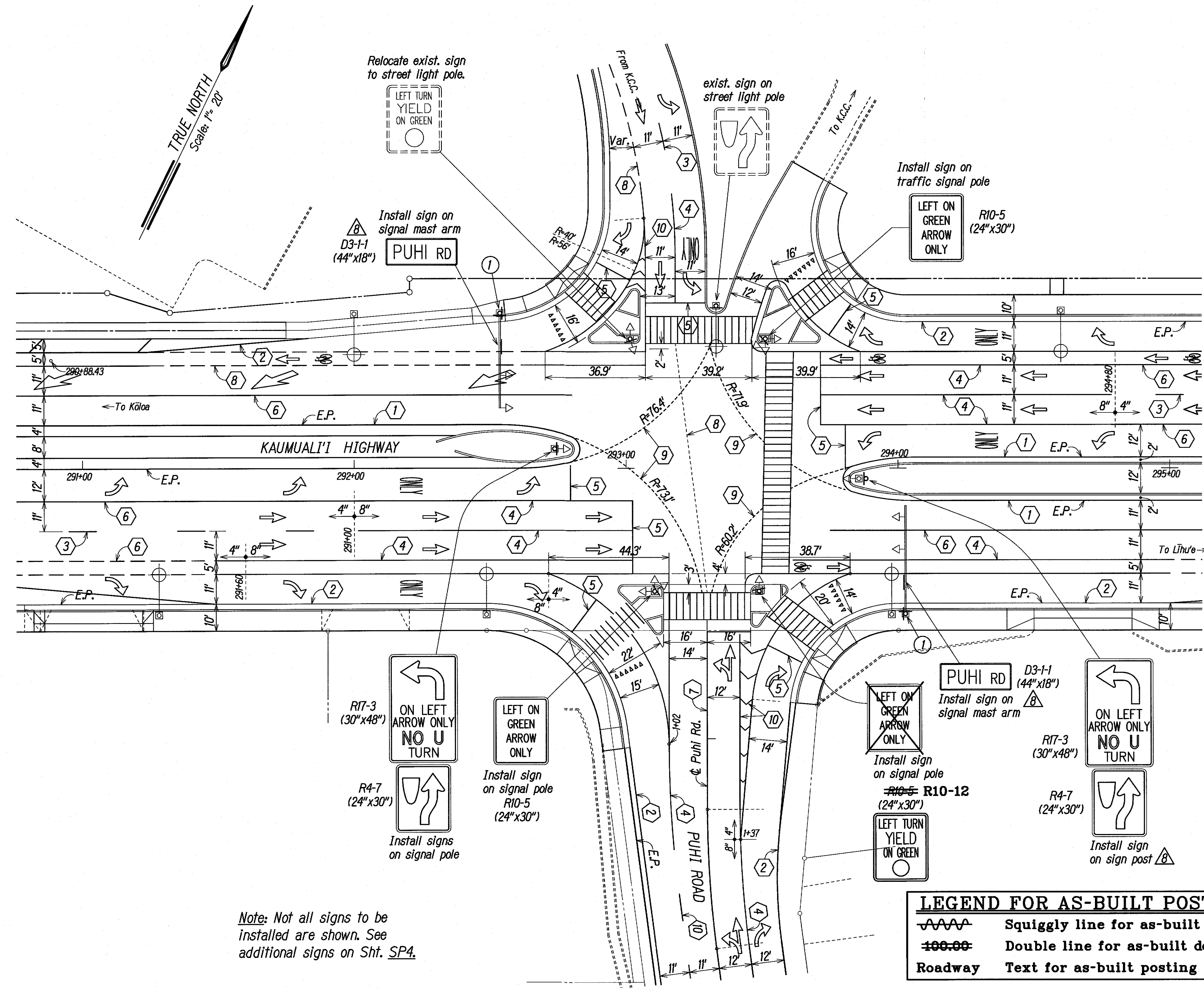
KAUMUALI' HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihu'e Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010
 SHEET No. SP13 OF SP26 SHEETS

"AS-BUILT"

C.O. 243

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	C.O.243	452



- Pavement Marking Call-Offs**
- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40"~~ o.c. at edge of pavement 20'
 - ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40"~~ o.c. at edge of pavement 20'
 - ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40"~~ o.c. 20'
 - ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20"~~ o.c. (Alternately Installed) 10'
 - ⑤ 12" White Stop Line
 - ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20"~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40"~~ o.c. 20'
 - ⑦ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced ~~20"~~ o.c. 10'
 - ⑧ 4" White Guide Stripe
 - ⑨ 4" Yellow Guide Stripe
 - ⑩ 4" White Edge Stripe with 12" White Transverse Stripes spaced as shown.

- ① Install street name signs on traffic signal std.
 - KAUMUALI HWY D3-1-9A
 - PUHI RD D3-1-5

- Legend:**
- Street Sign
 - Type I Traffic Signal Std.
 - Type II Traffic Signal Std.
 - Street Light
 - Straight Arrow. See Typ. Detail, Sht. SP21.
 - Straight & Turn Arrow. See Typ. Detail, Sht. SP21.
 - Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
 - Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
 - STOP
 - Yield pavement markings. See Typical Detail, Sht. SP22.
 - Bike Lane Marking See Typical Detail, Sht. SP21.

Note: Not all signs to be installed are shown. See additional signs on Sht. SP4.

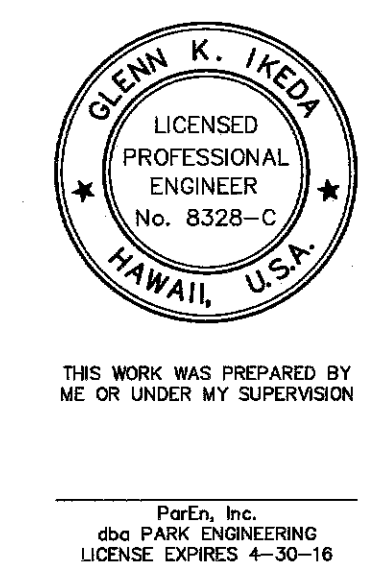
LEGEND FOR AS-BUILT POSTINGS

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

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

SIGNING & STRIPING PLAN
PUHI ROAD & K.C.C. ENTRY ROAD ENLARGEMENT
 SCALE: 1" = 20'

APPROVED:
 County Engineer, Dept. of Public Works Date 1-21-11
 County of Kauai
 (For Work Within County R/W)

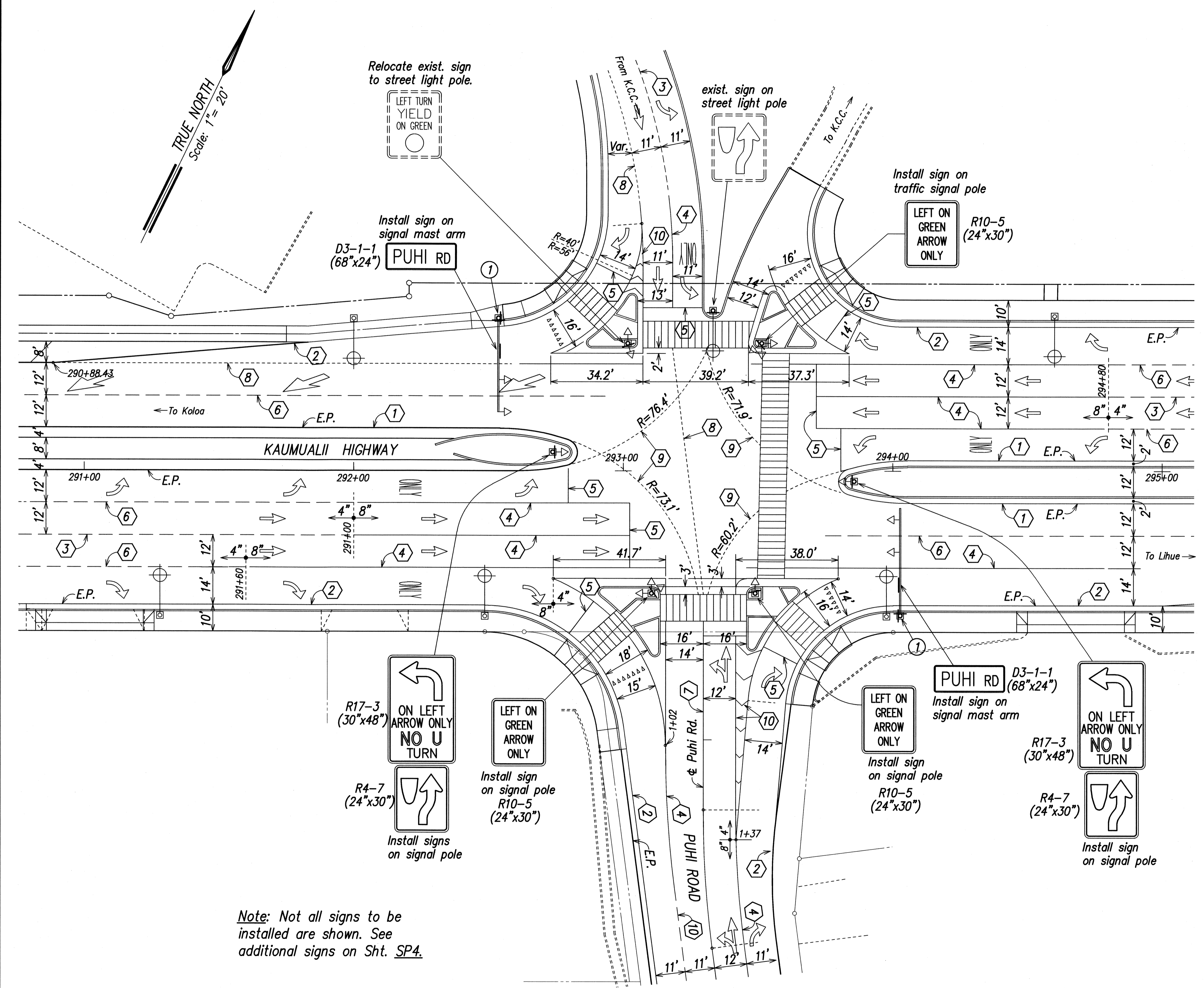


8/03/11	Revised Signs.
6/07/10	Added County of Kauai DPW Approval.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGNING & STRIPING PLAN	
PUHI ROAD & KCC ENTRY ROAD	
KAUMUALI HIGHWAY WIDENING Vicinity of Anonui Street to Vicinity of Lihu'e Mill Bridge FEDERAL-AID PROJECT NO. NH-050-1(31)	
Scale: 1" = 20'	Date: JAN. 2010
SHEET No. SP13 OF SP26 SHEETS	

"AS-BUILT"

C.O. 243

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	243	452



Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ 12" White Stop Line
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑧ 4" White Guide Stripe
- ⑨ 4" Yellow Guide Stripe
- ⑩ 4" White Edge Stripe with 12" White Transverse Stripes spaced as shown.

① Install street name signs on traffic signal std.

- KAUMUALII HWY D3-1-9
- PUHI RD D3-1-5

Legend:

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typ. Detail, Sht. SP21.
- ↔ Straight & Turn Arrow. See Typ. Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- Yield pavement markings. See Typical Detail, Sht. SP22.

Note: Not all signs to be installed are shown. See additional signs on Sht. SP4.

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

SIGNING & STRIPING PLAN
PUHI ROAD & K.C.C. ENTRY ROAD ENLARGEMENT
 SCALE: 1" = 20'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 Glenn K. Ikeda
 dba PARK ENGINEERING
 LICENSE EXPIRES 4-30-10

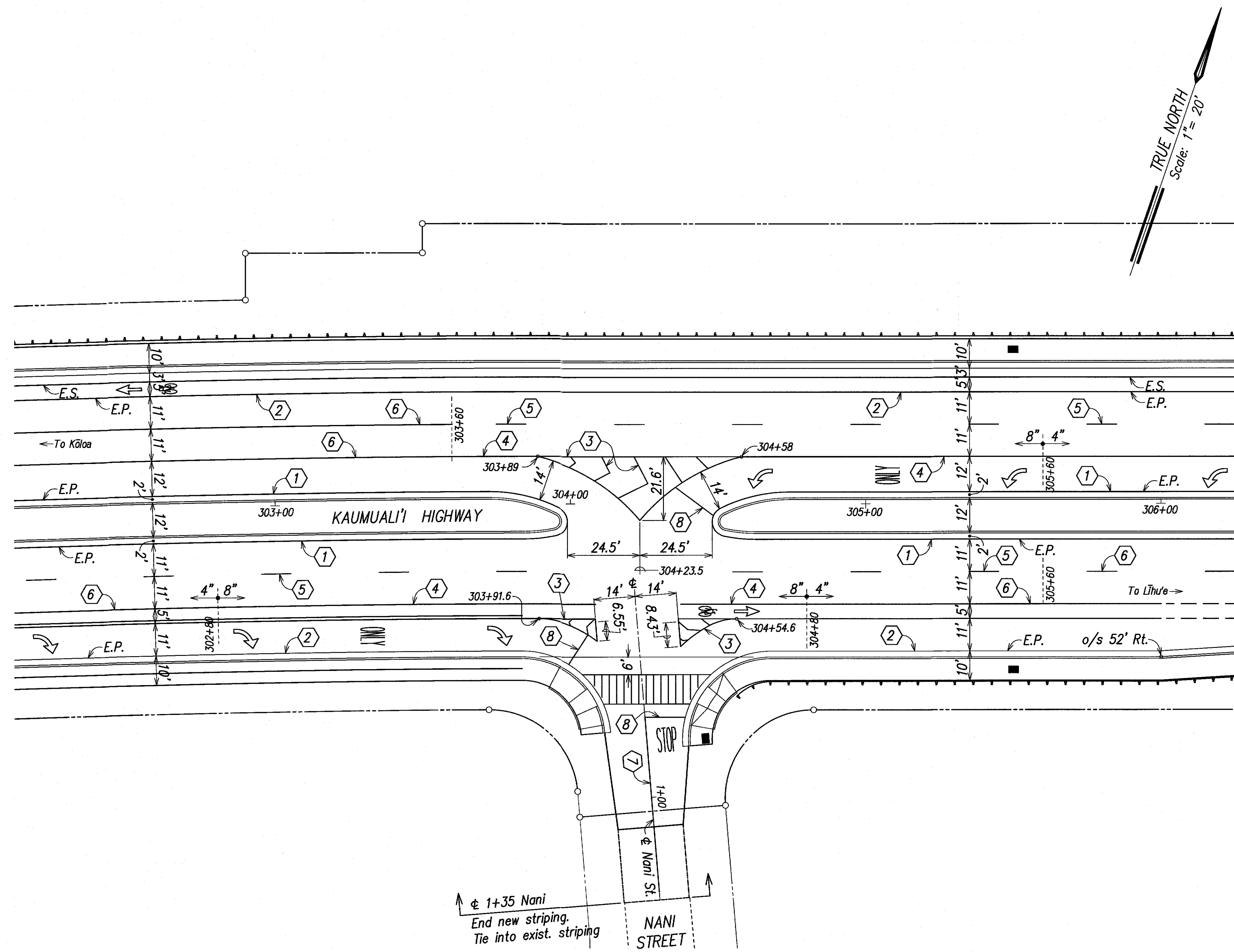
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
PUHI ROAD & KCC ENTRY ROAD

KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009
 SHEET No. SP13 OF SP26 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-050-1(31)	2009	244R	452



Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced ~~20'~~ o.c. 10'
- ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. (Alternately Installed) 10'
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20'~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
- ⑦ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced ~~20'~~ o.c. 10'
- ⑧ 12" White Stop Line

Legend:

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typical Detail, Sht. SP21.
- ↪ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▤ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋮ Yield Pavement Symbol See Detail, Sht. SP22.
- ↪ Bike Lane Marking See Typical Detail, Sht. SP21.

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          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| No.               |      |

**STRIPING PLAN**  
**NANI STREET INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'

APPROVED:  1-21-11  
 Date  
 County Engineer, Dept. of Public Works  
 County of Kauai  
 (For Work Within County R/W)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 ParEn, Inc.  
 dba PARK ENGINEERING  
 LICENSE EXPIRES 4-30-16

6/07/10  Added County of Kauai DPW Approval.

DATE REVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**STRIPING PLAN**  
**NANI STREET ENLARGEMENT**

KAUMUALI'I HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

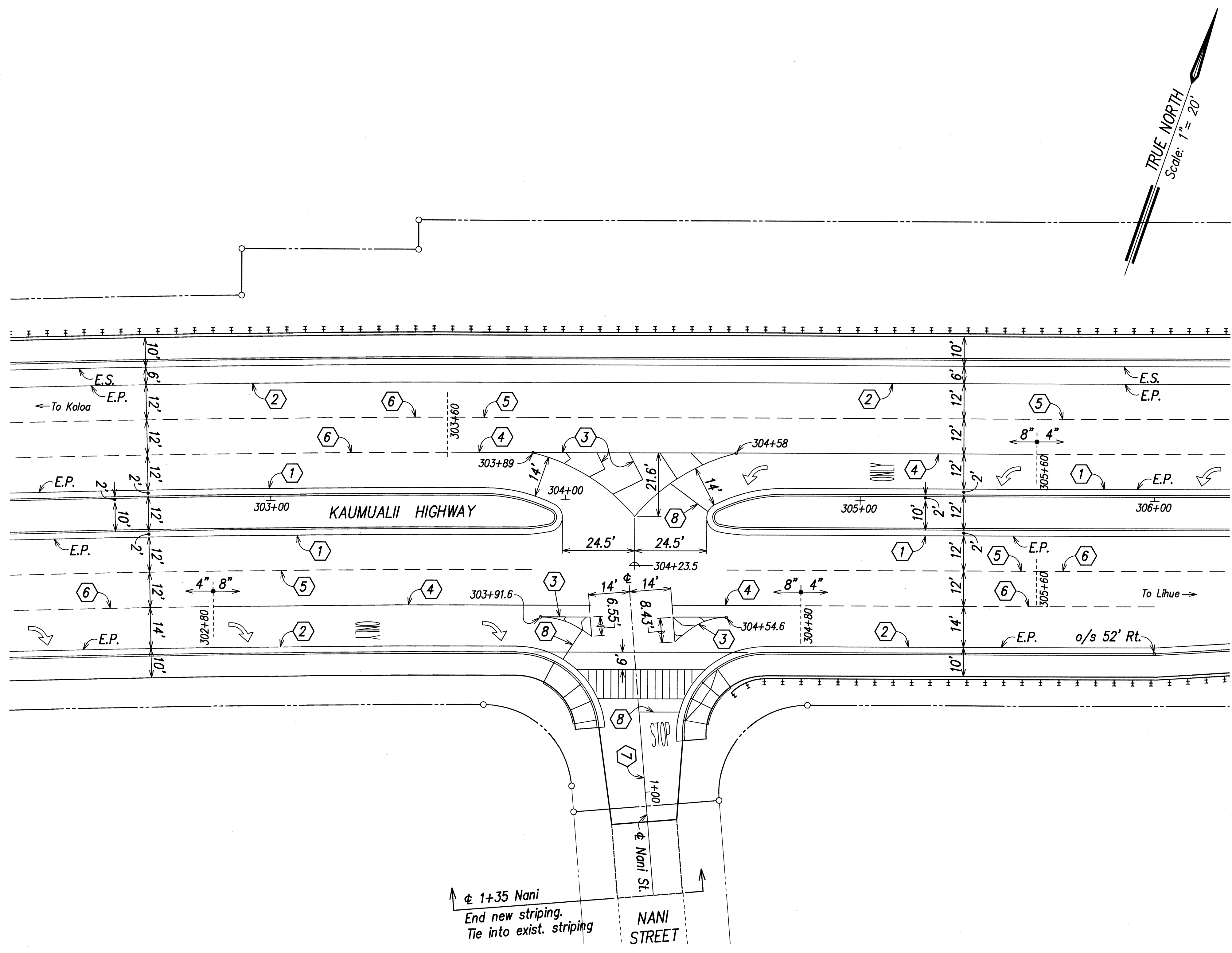
Scale: 1" = 20' Date: JAN. 2010

SHEET No. SP14 OF SP26 SHEETS

"AS-BUILT"

244 R

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 244       | 452          |



**Pavement Marking Call-Offs**

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑧ 12" White Stop Line

**Legend:**

- ⊥ Street Sign
- ⬆ Type I Traffic Signal Std.
- ⬆ Type II Traffic Signal Std.
- ⊙ Street Light
- ↔ Straight Arrow. See Typical Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▤ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋮ Yield Pavement Symbol See Detail, Sht. SP22.

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

1122 STATE OF HAWAII - YEPHASETA, REVISION (ANSI) MARKS-SP14-NANI.dwg 2/23/09

**STRIPING PLAN**  
**NANI STREET INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 2-26-09  
 Glenn K. Ikeda  
 dba PARK ENGINEERING  
 LICENSE EXPIRES 4-30-10

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

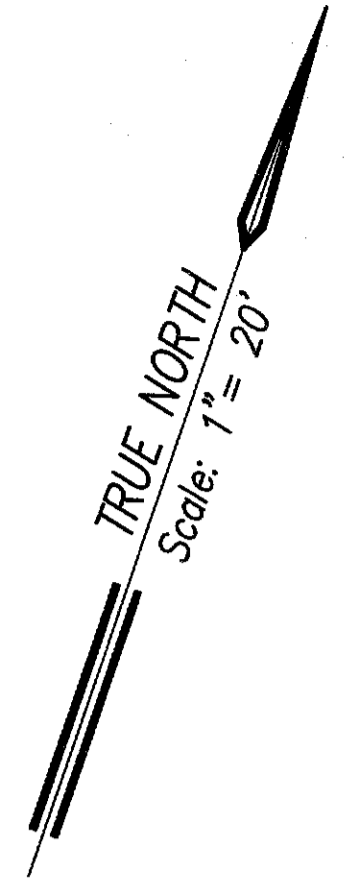
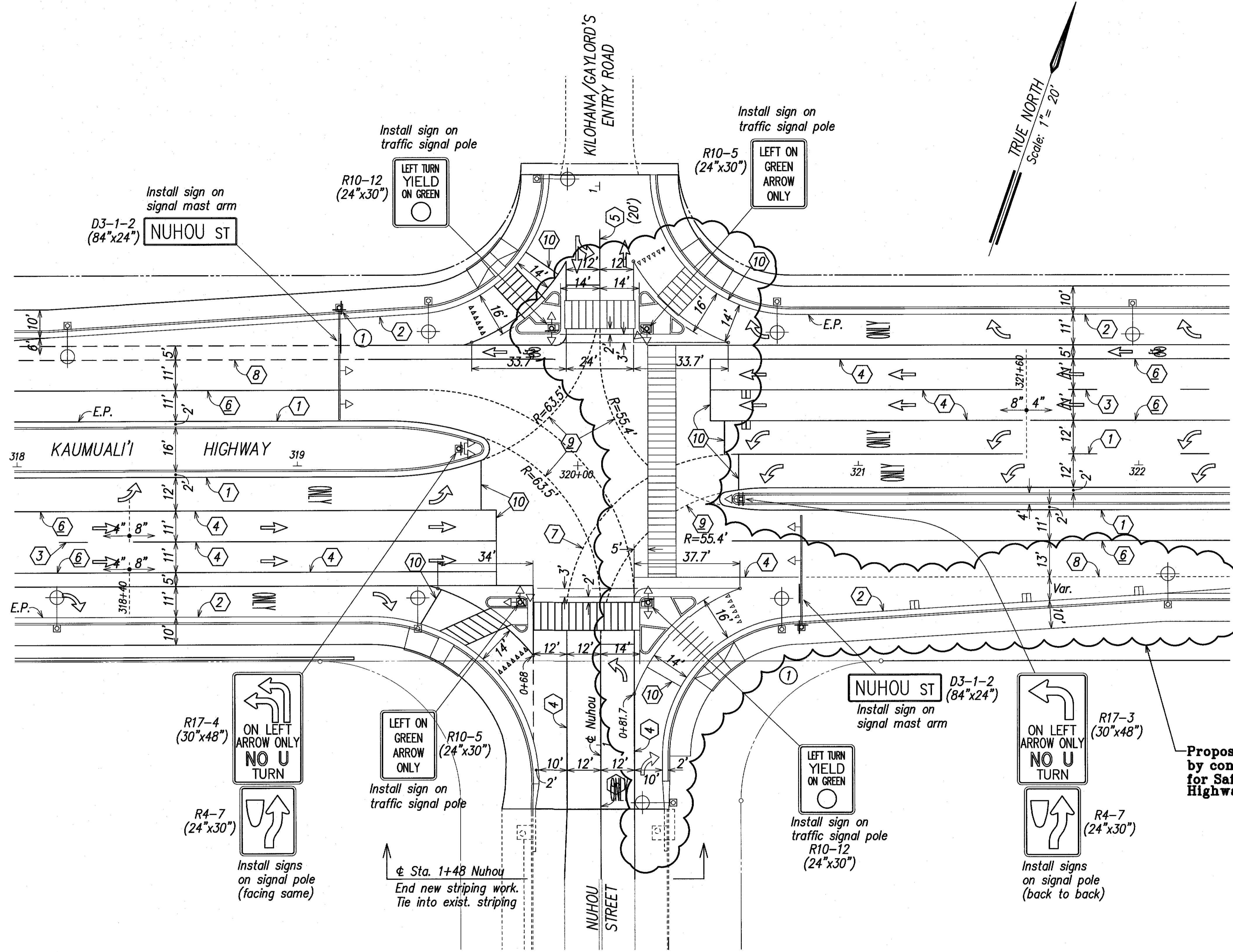
**STRIPING PLAN**  
**NANI STREET ENLARGEMENT**

KAUMUALII HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009

SHEET No. SP14 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 245R      | 452          |



- Pavement Marking Call-Offs**
- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
  - ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
  - ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
  - ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. (Alternately Installed) 10'
  - ⑤ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced ~~20'~~ o.c. 10'
  - ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
  - ⑦ 8" White Stripe, R=60'
  - ⑧ 4" White Guide Stripes
  - ⑨ 4" Yellow Guide Stripes
  - ⑩ 12" White Stop Line
  - ① Install street name signs on traffic signal standard.
    - KAUMUALI'I HWY D3-1-9
    - NUHOU ST D3-1-6

- Legend:**
- ⊥ Street Sign
  - ⊥ Type I Traffic Signal Std.
  - ⊥ Type II Traffic Signal Std.
  - ⊙ Street Light
  - ← Straight Arrow. See Typ. Detail, Sht. SP21.
  - ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
  - ▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
  - STOP
  - ~~~~~ Yield pavement markings. See Typical Detail, Sht. SP22.
  - ↔ Bike Lane Marking See Typical Detail, Sht. SP21.

**Proposed improvements superseded by concurrently constructed project for Safeway, Inc., entitled "Kaumuali'i Highway Widening at Nuhou Street"**

**LEGEND FOR AS-BUILT POSTINGS**

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

**SIGNING & STRIPING PLAN**  
**NUHOU STREET INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'

Note: Not all signs to be installed are shown. See additional signs on Sht. SP2.

APPROVED: 1/21/11  
 County Engineer, Dept. of Public Works  
 County of Kauai  
 (For Work Within County R/W)



6/07/10 Added County of Kauai DPW Approval.

DATE REVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING & STRIPING PLAN**  
**NUHOU STREET ENLARGEMENT**

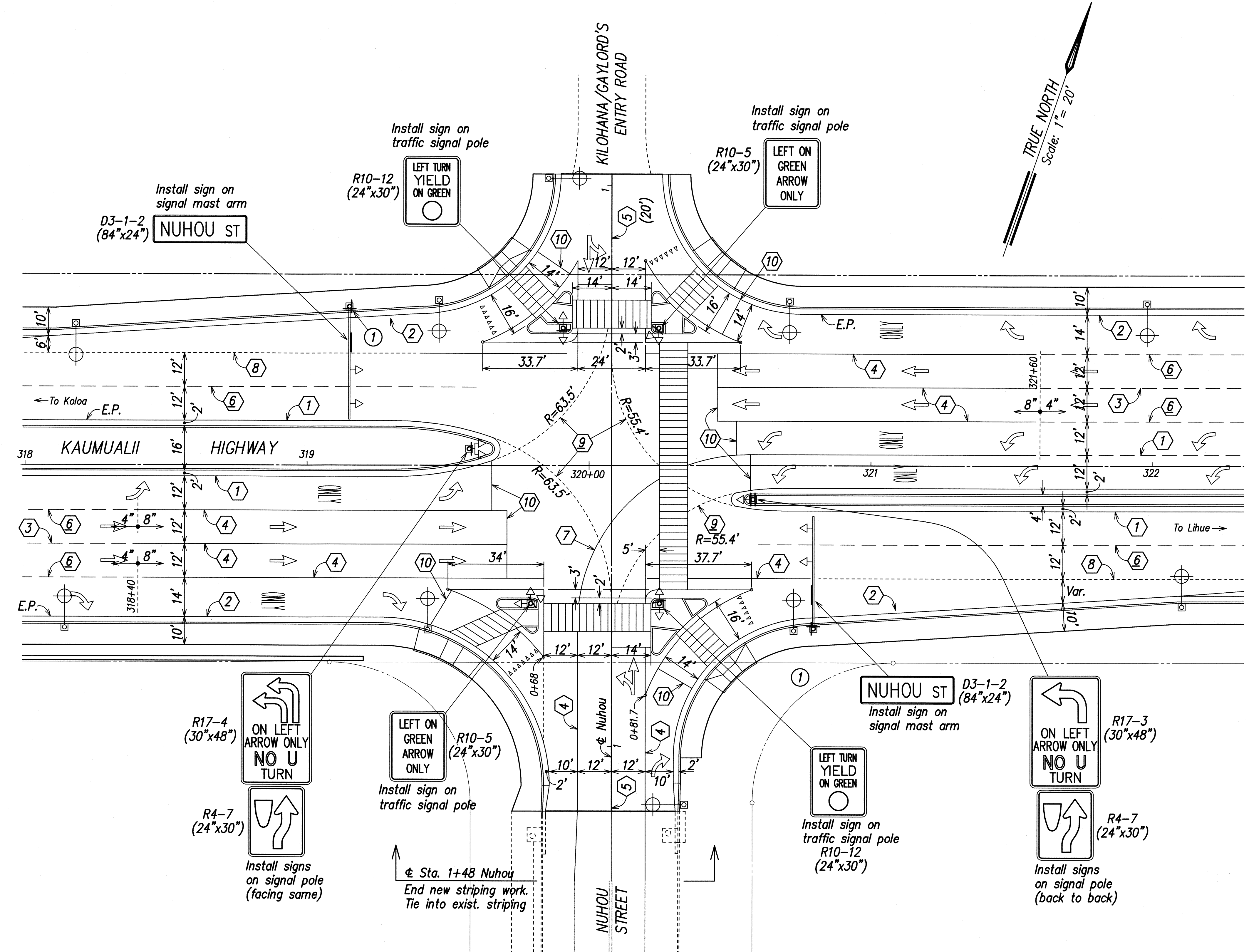
KAUMUALI'I HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010

SHEET No. SP15 OF SP26 SHEETS

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

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 245       | 452          |



**Pavement Marking Call-Offs**

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 8" White Stripe, R=60'
- ⑧ 4" White Guide Stripes
- ⑨ 4" Yellow Guide Stripes
- ⑩ 12" White Stop Line
- ① Install street name signs on traffic signal standard.

KAUMUALII HWY D3-1-9  
 NUHOU ST D3-1-6

**Legend:**

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typ. Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ~~~~~ Yield pavement markings. See Typical Detail, Sht. SP22.

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

LIBS. STATE DOT, KAUMUALII DIVISION, REVISION PLANS, NUMBER: SP15-NH-050-1(31) 2/23/09

**SIGNING & STRIPING PLAN**  
**NUHOU STREET INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'

*Note: Not all signs to be installed are shown. See additional signs on Sht. SP7.*



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 Glenn K. Ikeda  
 dba PARK ENGINEERING  
 LICENSE EXPIRES 4-30-10

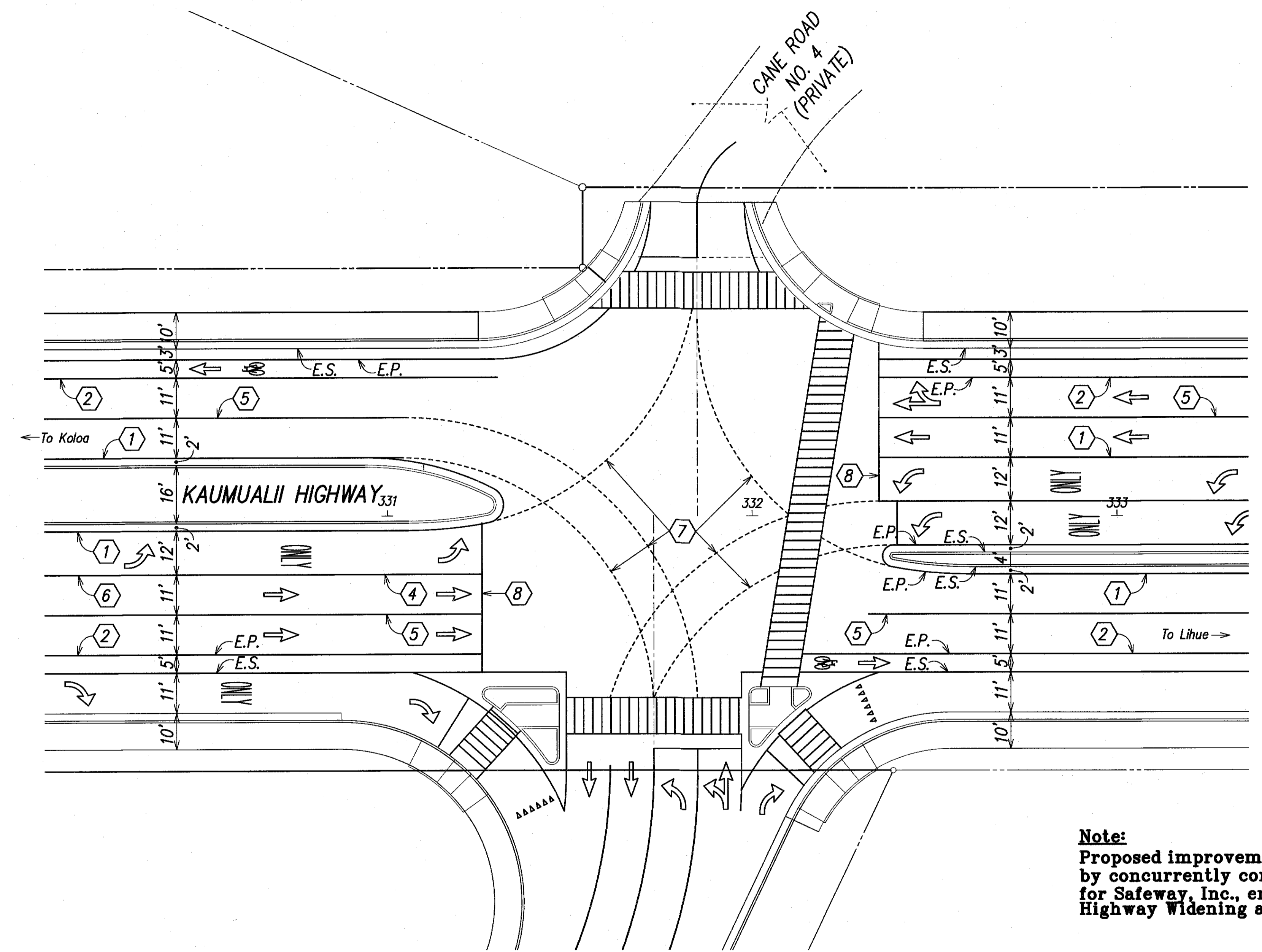
STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**SIGNING & STRIPING PLAN**  
**NUHOU STREET ENLARGEMENT**

KAUMUALII HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009  
 SHEET No. SP15 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 246       | 452          |



**Pavement Marking Call-Offs**

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ~~③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.~~
- ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. 10'
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20'~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
- ⑦ 4" Yellow Guide Stripe
- ⑧ 12" White Stop Line

**Legend:**

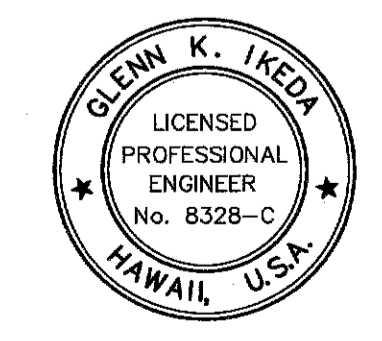
- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typical Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋮ Yield Pavement Symbol. See Typical Detail, Sht. SP22.
- ← Bike Lane Marking. See Typical Detail, Sht. SP21.

**Note:**  
Proposed improvements superseded by concurrently constructed project for Safeway, Inc., entitled "Kaumualii Highway Widening at Nuhou Street"

**STRIPING PLAN**  
**CANE ROAD NO. 4 INTERSECTION ENLARGEMENT**  
SCALE: 1" = 20'

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

SP16-SP16-CAL-09g 2/23/09



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
ParEn, Inc.  
dba PARK ENGINEERING  
LICENSE EXPIRES 4-30-16

**LEGEND FOR AS-BUILT POSTINGS**

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

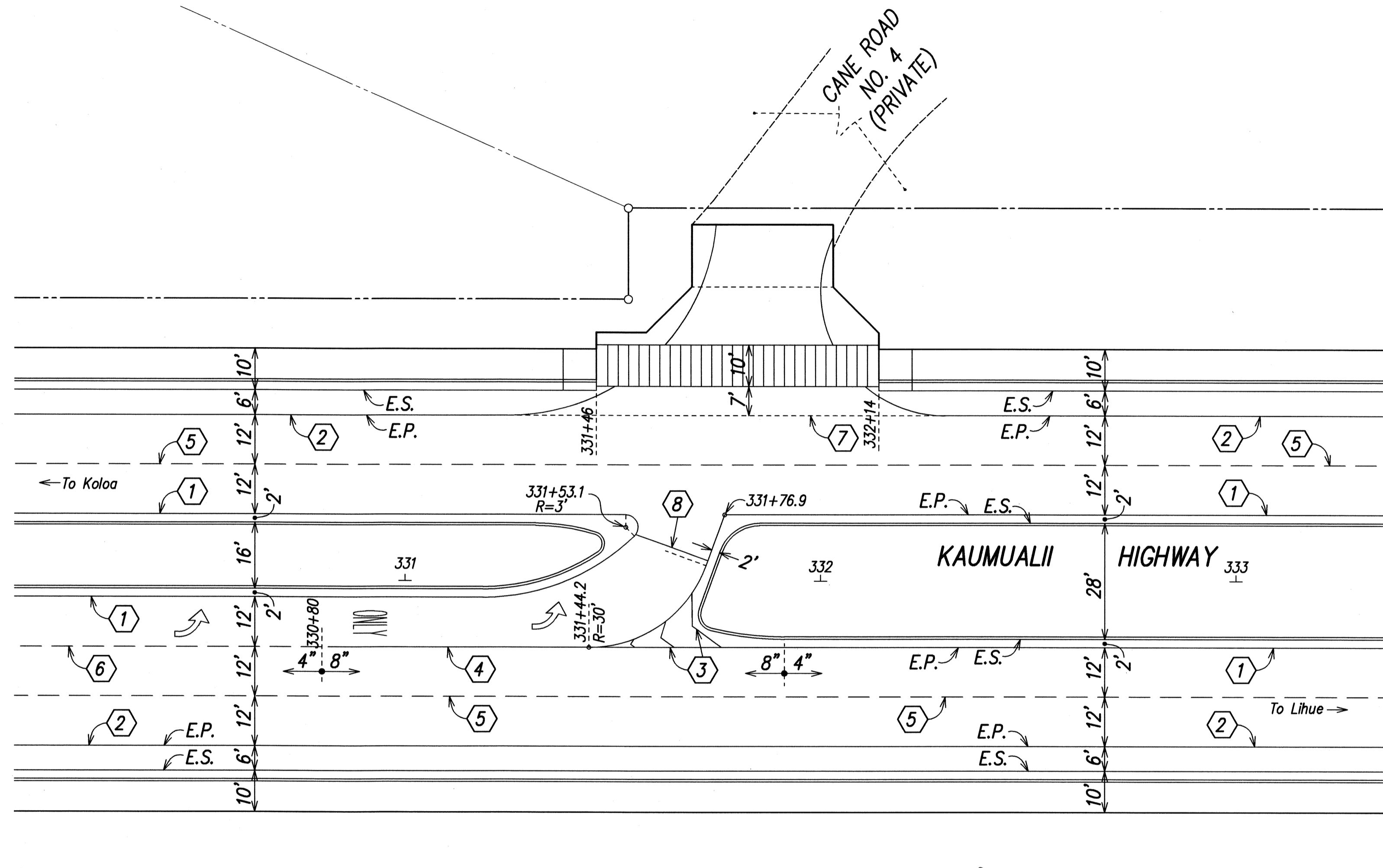
**STRIPING PLAN**  
**CANE ROAD NO. 4 ENLARGEMENT**

KAUMUALII HIGHWAY WIDENING  
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010  
SHEET No. SP16 OF SP26 SHEETS

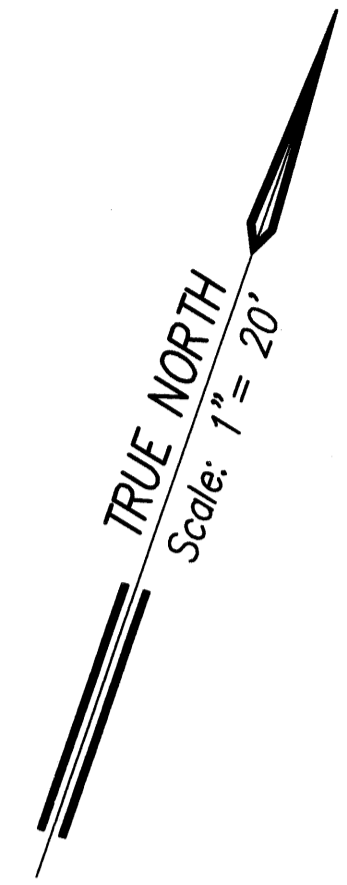
"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 246       | 452          |



Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c.
- ⑤ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 4" Yellow Guide Stripe
- ⑧ 12" White Stop Line



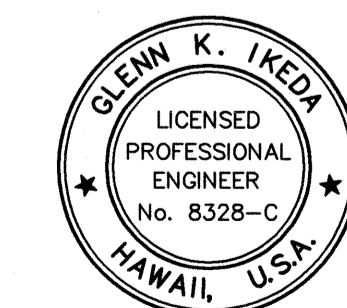
Legend:

- Street Sign
- Type I Traffic Signal Std.
- Type II Traffic Signal Std.
- Street Light
- Straight Arrow. See Typical Detail, Sht. SP21.
- Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- Yield Pavement Symbol. See Typical Detail, Sht. SP22.

**STRIPING PLAN**  
**CANE ROAD NO. 4 INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'

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

LEG: STATE DOT/KAUMUALII DIVISION/REVISION PLAN NUMBER/SP16/SCALE: 1/21/09



2-26-09  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 Glenn K. Ikeda  
 Park Engineering  
 LICENSE EXPIRES 4-30-10

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

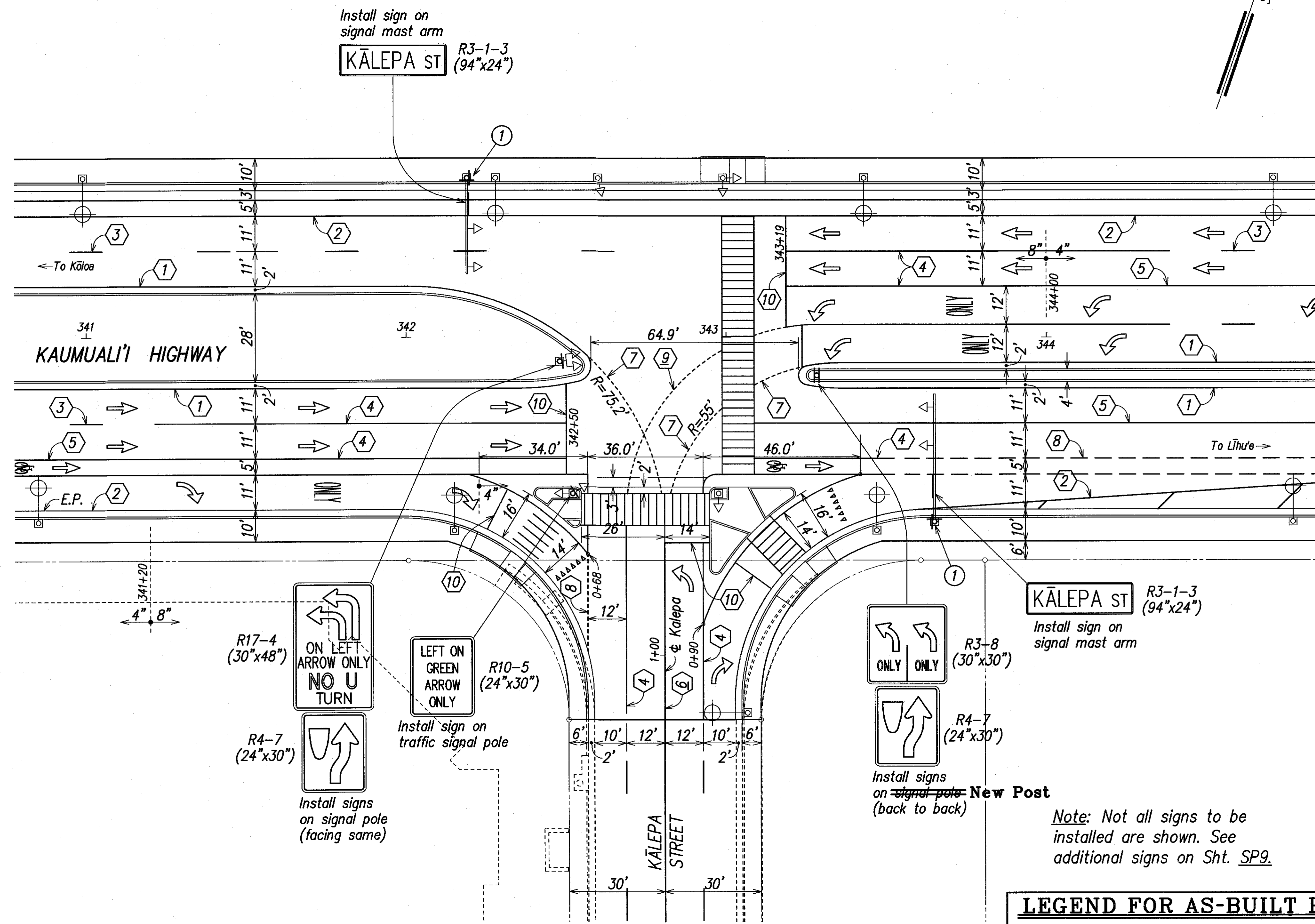
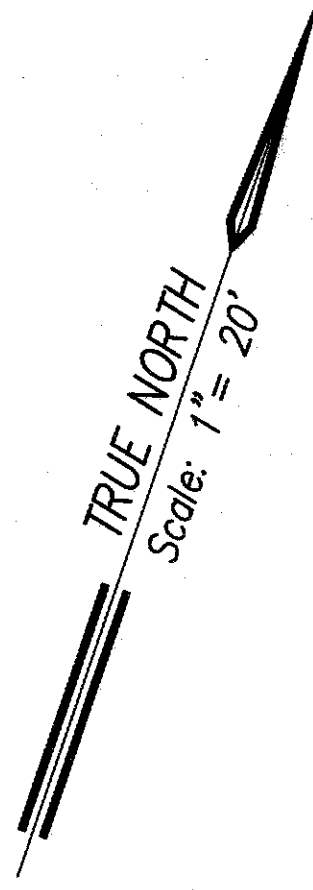
**STRIPING PLAN**  
**CANE ROAD NO. 4 ENLARGEMENT**

KAUMUALII HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009

SHEET No. SP16 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 247R      | 452          |



**Pavement Marking Call-Offs**

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
- ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. (Alternately Installed) 10'
- ⑤ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
- ⑥ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑦ 4" Yellow Guide Stripes
- ⑧ 4" White Guide Stripes
- ⑨ 8" White Stripe, R=60'
- ⑩ 12" White Stop Line

- ① Install street name signs on traffic signal standard.  
 D3-1-7  
 D3-1-9

**Legend:**

- Street Sign
- Type I Traffic Signal Std.
- Type II Traffic Signal Std.
- Street Light
- Straight Arrow. See Typ. Detail, Sht. SP21.
- Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- Yield pavement markings. See Typical Detail, Sht. SP22.
- Bike Lane Marking See Typical Detail, Sht. SP21.

Install sign on traffic signal pole

R17-4 (30"x48")  
ON LEFT ARROW ONLY  
NO U TURN

R10-5 (24"x30")  
LEFT ON GREEN ARROW ONLY

R4-7 (24"x30")

Install signs on signal pole (facing same)

Install sign on signal mast arm

R3-1-3 (94"x24")  
KALEPA ST

R3-8 (30"x30")  
ONLY ONLY

R4-7 (24"x30")

Install signs on ~~signal pole~~ New Post (back to back)

Note: Not all signs to be installed are shown. See additional signs on Sht. SP9.

**LEGEND FOR AS-BUILT POSTINGS**

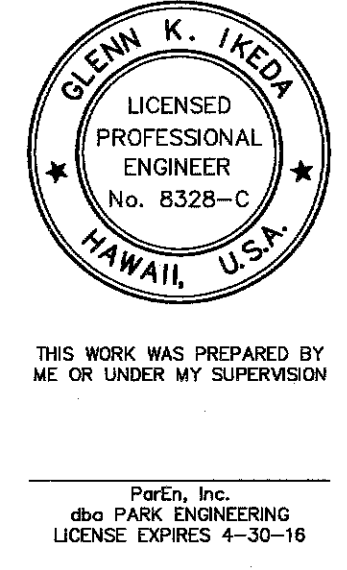
Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

APPROVED: Date: 1-21-11

County Engineer, Dept. of Public Works  
County of Kaua'i  
(For Work Within County R/W)



6/07/10 Added County of Kaua'i DPW Approval.

DATE REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING & STRIPING PLAN**  
**KALEPA STREET ENLARGEMENT**

KAUMUALI'I HIGHWAY WIDENING  
Vicinity of Anonui Street to Vicinity of Līhūe Mill Bridge  
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010

SHEET No. SP17 OF SP26 SHEETS

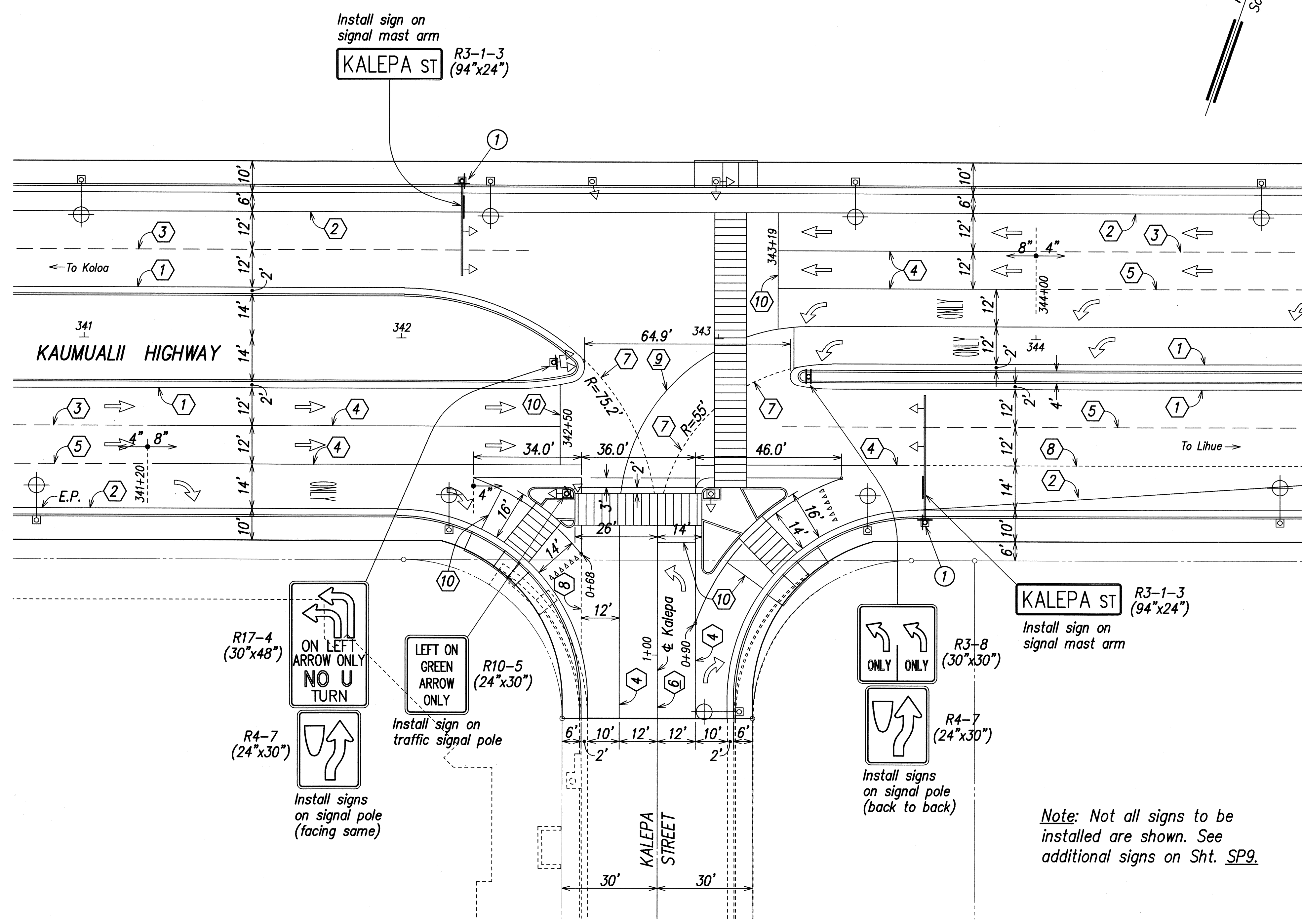
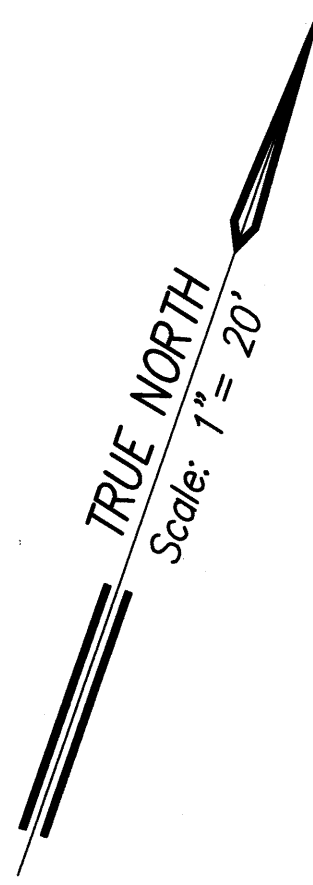
|                   |  |
|-------------------|--|
| DATE              |  |
| SURVEY PLOTTED BY |  |
| DRAWN BY          |  |
| DESIGNED BY       |  |
| CHECKED BY        |  |
| ORIGINAL PLAN     |  |
| NOTE BOOK         |  |
| No.               |  |

**SIGNING & STRIPING PLAN**  
**KALEPA STREET INTERSECTION ENLARGEMENT**  
SCALE: 1" = 20'

"AS-BUILT"

247R

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 247       | 452          |



- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑥ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c.
- ⑦ 4" Yellow Guide Stripes
- ⑧ 4" White Guide Stripes
- ⑨ 8" White Stripe, R=60'
- ⑩ 12" White Stop Line

① Install street name signs on traffic signal standard.

- KAUMUALII HWY D3-1-9
- KALEPA ST D3-1-7

**Legend:**

- ⊥ Street Sign
- ⬆️ Type I Traffic Signal Std.
- ⬆️⬆️ Type II Traffic Signal Std.
- ⊙ Street Light
- ➡️ Straight Arrow. See Typ. Detail, Sht. SP21.
- ↪️ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋮ Yield pavement markings. See Typical Detail, Sht. SP22.

*Note: Not all signs to be installed are shown. See additional signs on Sht. SP9.*

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

**SIGNING & STRIPING PLAN**  
**KALEPA STREET INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 Glenn K. Ikeda  
 dba PARK ENGINEERING  
 LICENSE EXPIRES 4-30-10

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

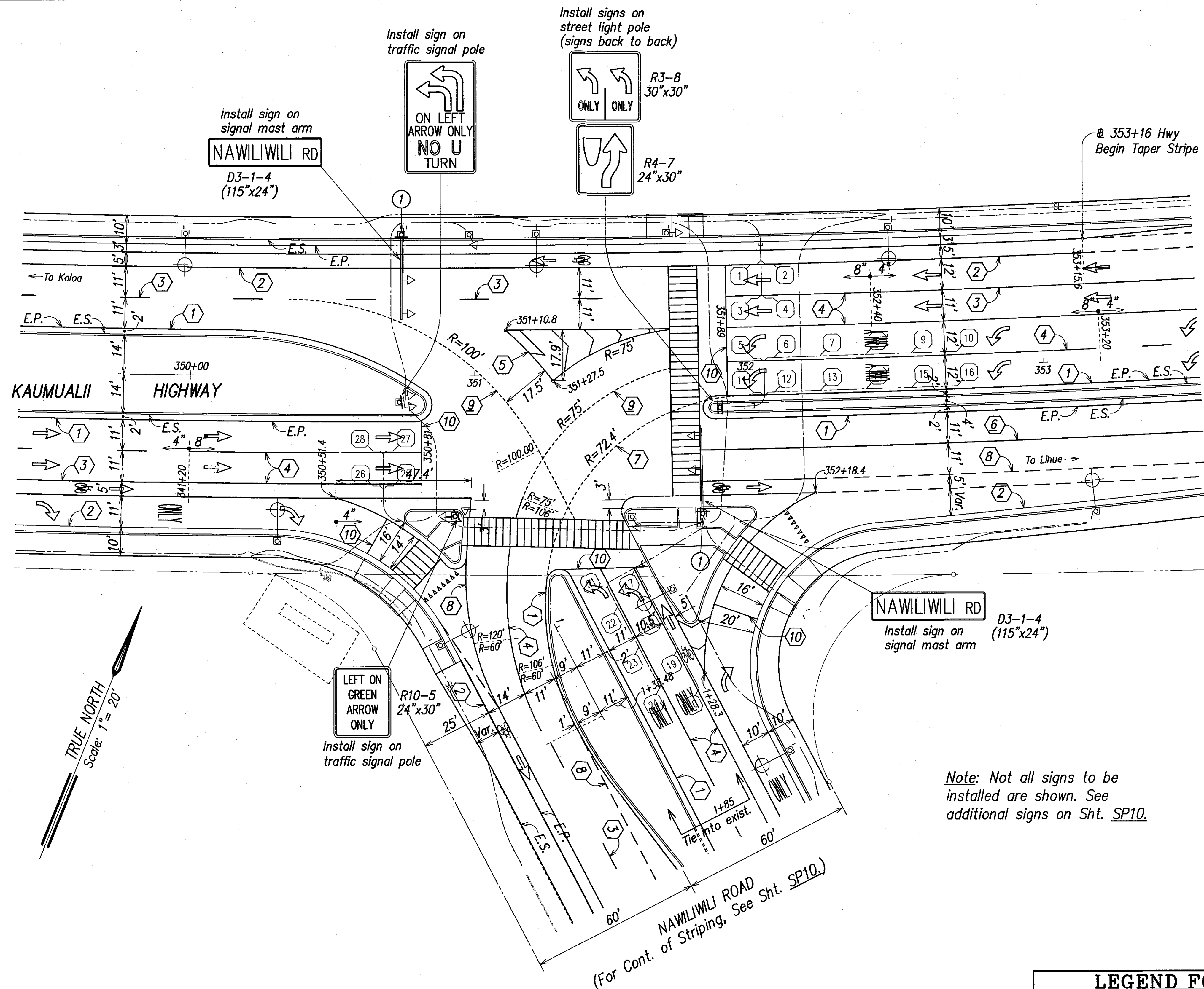
**SIGNING & STRIPING PLAN**  
**KALEPA STREET ENLARGEMENT**

KAUMUALII HIGHWAY WIDENING  
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge  
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009

SHEET No. SP17 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-050-1(31)       | 2009        | 248       | 452          |



**Pavement Marking Call-Offs**

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. at edge of pavement 20'
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced ~~40'~~ o.c. 20'
- ④ 8" White Stripe with Type "C" Raised Markers spaced ~~20'~~ o.c. (Alternately Installed) 10'
- ⑤ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced ~~20'~~ o.c. 20'
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' ~~20'~~ o.c. and Type "A" Raised Pavement Markers (4 each) spaced ~~40'~~ o.c. 20'
- ⑦ 4" Yellow Guide Stripe, R=72.4'
- ⑧ 4" White Guide Stripes
- ⑨ 8" White Stripe, R=75'
- ⑩ 12" White Stop Line
- ⑪ Install street name signs on traffic signal standard.  

|               |        |
|---------------|--------|
| KAUMUALII HWY | D3-1-9 |
| NAWILIWILI RD | D3-1-8 |

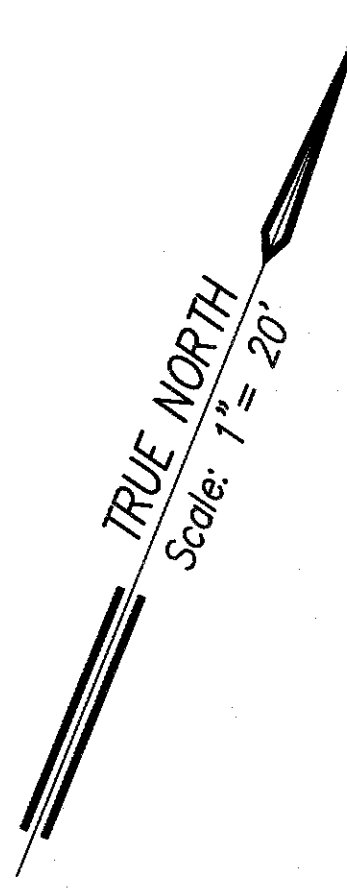
**Legend:**

- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typical Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬▬▬▬▬▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋯⋯⋯⋯ Yield pavement markings. See Typical Detail, Sht. SP22.
- ← Bike Lane Marking See Typical Detail, Sht. SP21.

Note: Not all signs to be installed are shown. See additional signs on Sht. SP10.

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

K180-C-SP18-NAWILIWILI 2/23/09



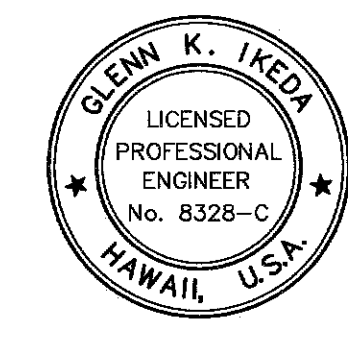
**SIGNING & STRIPING PLAN**  
**NAWILIWILI ROAD INTERSECTION ENLARGEMENT**  
 SCALE: 1" = 20'

**LEGEND FOR AS-BUILT POSTINGS**

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

~~====~~ Double line for as-built deletion

Roadway Text for as-built posting



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 PAREN, INC.
 480 PARK ENGINEERING
 LICENSE EXPIRES 4-30-16

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

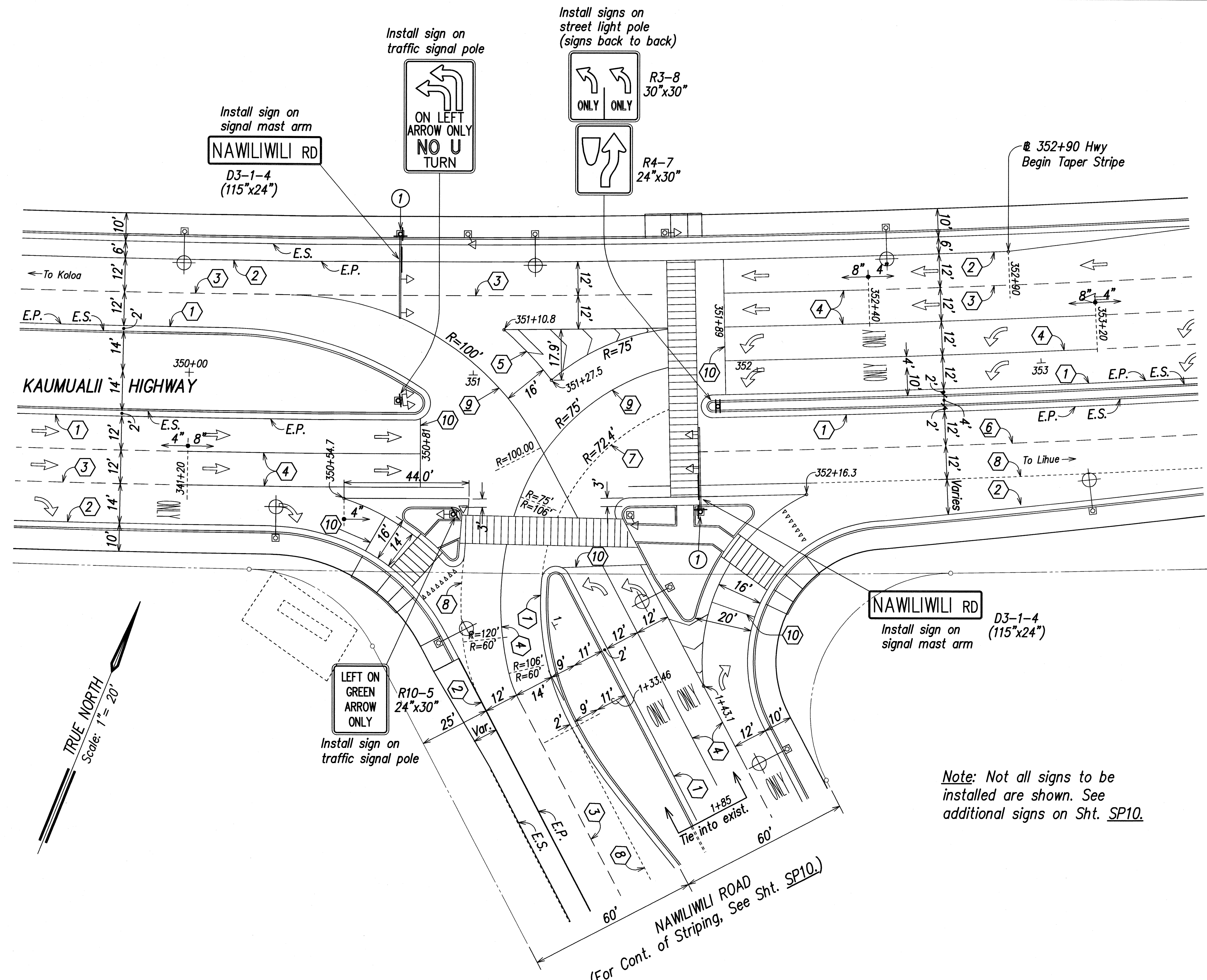
SIGNING & STRIPING PLAN
NAWILIWILI ROAD ENLARGEMENT

KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010

SHEET No. SP18 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 248 | 452 |



Pavement Marking Call-Offs

- ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement
- ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c.
- ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed)
- ⑤ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' o.c.
- ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c.
- ⑦ 4" Yellow Guide Stripe, R=72.4'
- ⑧ 4" White Guide Stripes
- ⑨ 8" White Stripe, R=75'
- ⑩ 12" White Stop Line
- ① Install street name signs on traffic signal standard.

| | |
|---------------|--------|
| KAUMUALII HWY | D3-1-9 |
| NAWILIWILI RD | D3-1-8 |

Legend:

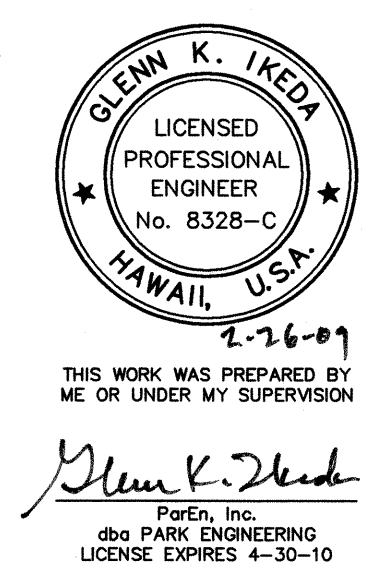
- ⊥ Street Sign
- ⊥ Type I Traffic Signal Std.
- ⊥ Type II Traffic Signal Std.
- ⊙ Street Light
- ← Straight Arrow. See Typical Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋯ Yield pavement markings. See Typical Detail, Sht. SP22.

Note: Not all signs to be installed are shown. See additional signs on Sht. SP10.

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

LIC. STATE OF HAWAII, ENGINEER, REASON: B.A.S.T. 10/18/08, 2/23/09

SIGNING & STRIPING PLAN
NAWILIWILI ROAD INTERSECTION ENLARGEMENT
 SCALE: 1" = 20'



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

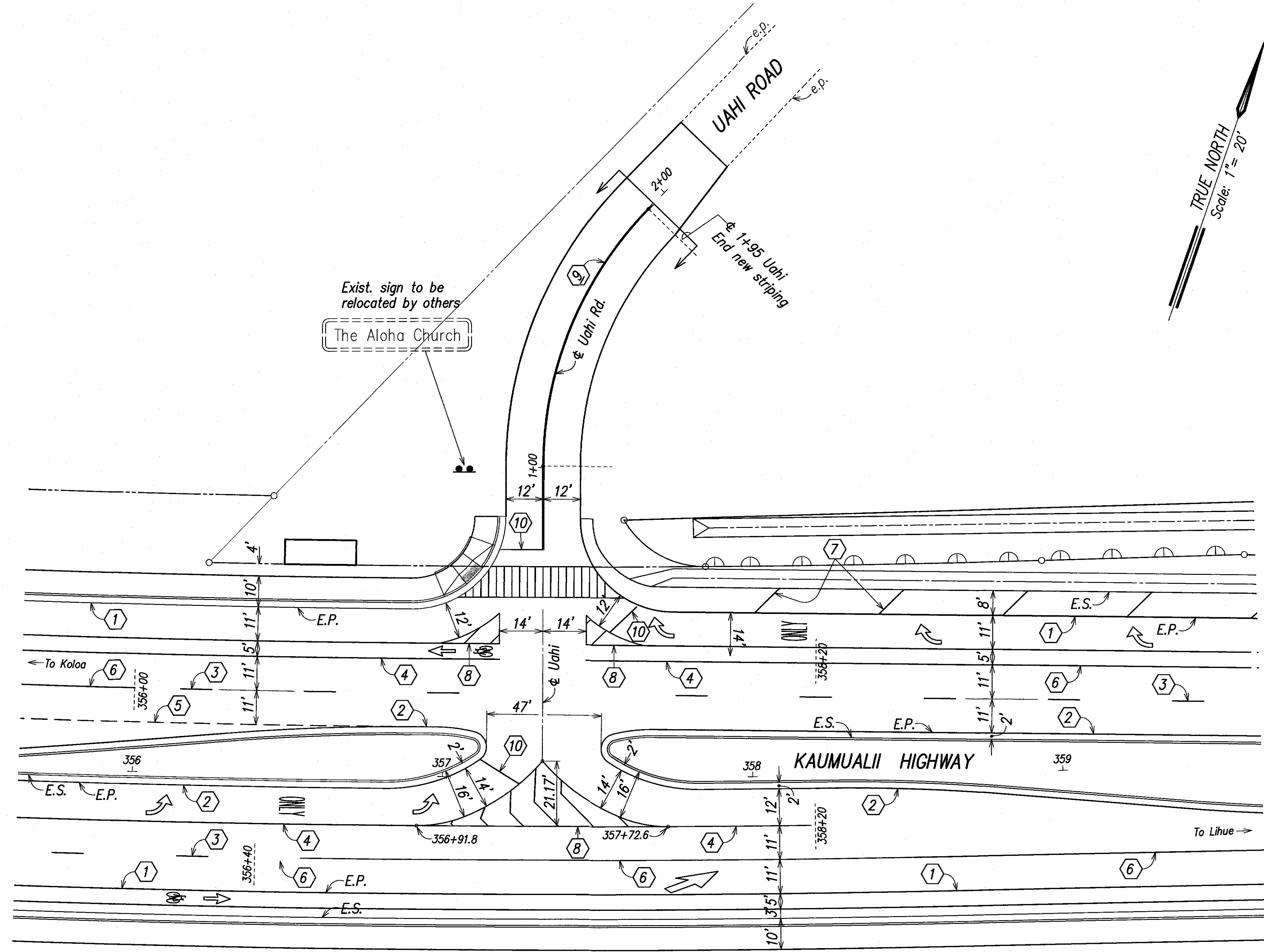
SIGNING & STRIPING PLAN
NAWILIWILI ROAD ENLARGEMENT

KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: FEB. 2009

SHEET No. SP18 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 249 | 452 |



Pavement Marking Call-Offs

- | | |
|---|--|
| <ul style="list-style-type: none"> ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement 20' ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement 20' ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c. 20' ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed) 10' ⑤ 4" White Guide Stripes | <ul style="list-style-type: none"> ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 10' 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' 20' o.c. ⑦ 12" White Transverse Shoulder Marking at 40' 20' ⑧ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Markers spaced 20' 10' o.c. ⑨ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' 10' o.c. ⑩ 12" White Stop Line |
|---|--|

Legend:

- ▬ Street Sign
- ⬇ Type I Traffic Signal Std.
- ⬆ Type II Traffic Signal Std.
- ⊕ Street Light
- ➡ Straight Arrow. See Typical Detail, Sht. SP21.
- ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21.
- ▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22.
- STOP
- ⋯ Yield pavement markings. See Typical Detail, Sht. SP22.
- ➡ Bike Lane Marking See Typical Detail, Sht. SP21.

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

STRIPING PLAN
UAHI ROAD INTERSECTION ENLARGEMENT
 SCALE: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

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

~~100.00~~ Double line for as-built deletion

Roadway Text for as-built posting



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

ParEn, Inc.
 dba PARK ENGINEERING
 LICENSE EXPIRES 4-30-16

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

STRIPING PLAN
UAHI ROAD ENLARGEMENT

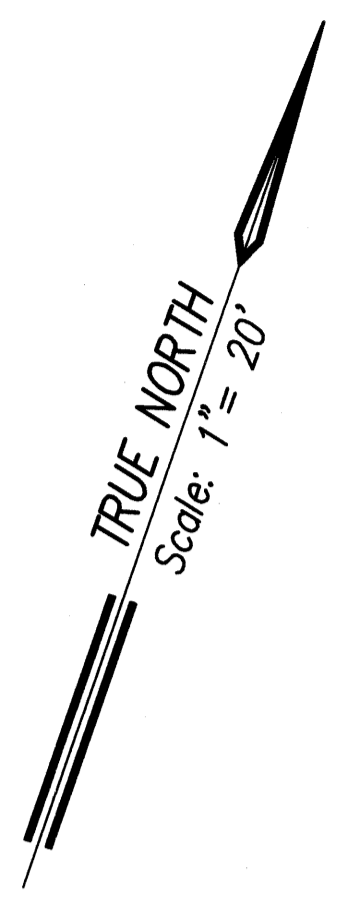
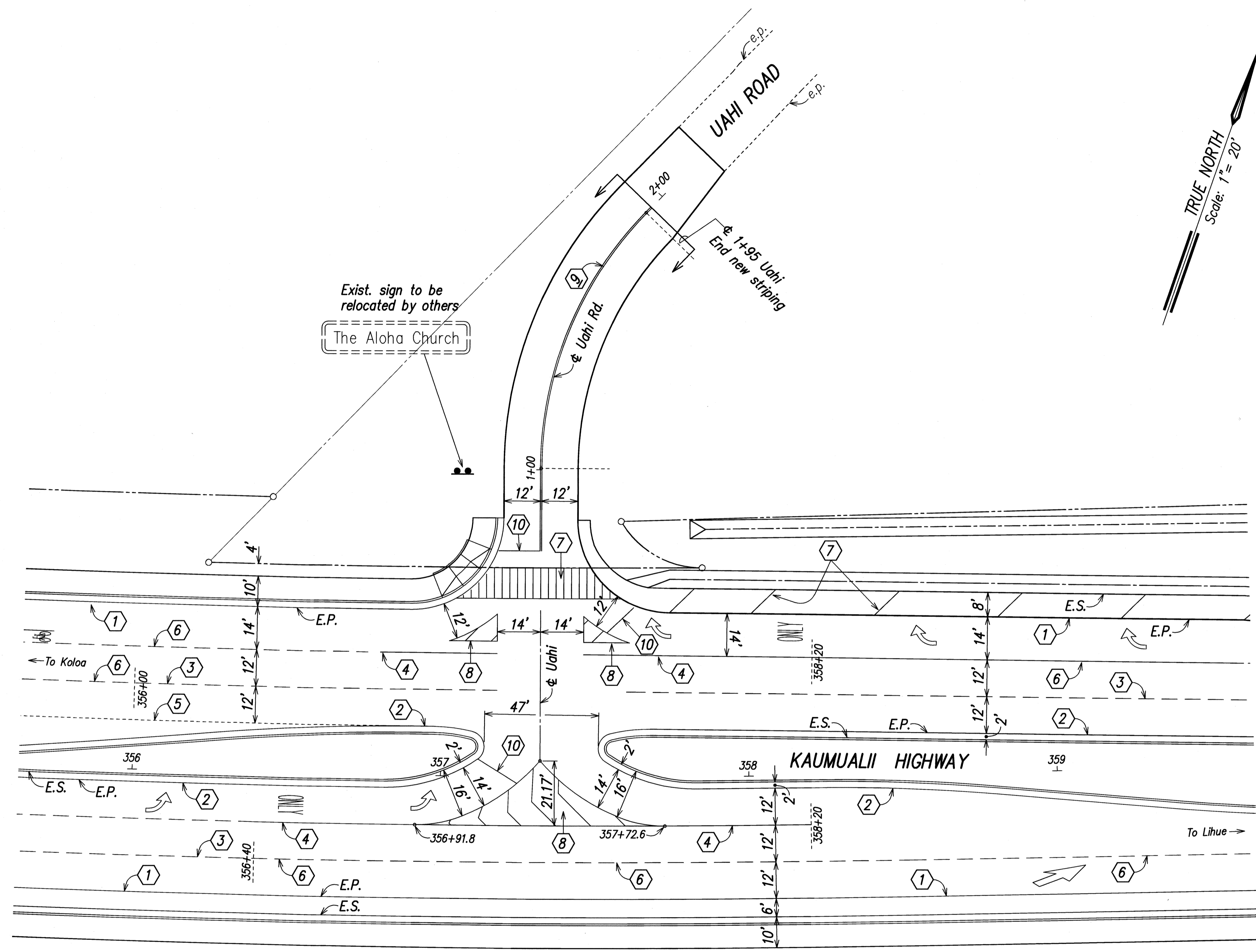
KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: 1" = 20' Date: JAN. 2010

SHEET No. SP19 OF SP26 SHEETS

"AS-BUILT"

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 249 | 452 |



Pavement Marking Call-Offs

- | | |
|---|---|
| ① 4" Yellow Edge Stripe with Type "H" Raised Pavement Markers spaced 40' o.c. at edge of pavement | ⑥ Lane Change Restriction Marking 4" White Stripe with Type "C" Raised Pavement Markers spaced 20' o.c. and Type "A" Raised Pavement Markers (4 each) spaced 40' o.c. |
| ② 4" White Edge Stripe with Type "C" Raised Pavement Markers spaced 40' o.c. at edge of pavement | ⑦ 12" White Transverse Shoulder Marking at 40' |
| ③ Type "A" Raised Pavement Markers (4 each) and Type "C" Raised Pavement Markers spaced 40' o.c. | ⑧ 8" White Lane Stripes and 12" White Diagonal Stripes with Type "C" Raised Pavement Markers spaced 20' o.c. |
| ④ 8" White Stripe with Type "C" Raised Markers spaced 20' o.c. (Alternately Installed) | ⑨ 4" Double Yellow Stripes with Type "D" Raised Pavement Markers spaced 20' o.c. |
| ⑤ 4" White Guide Stripes | ⑩ 12" White Stop Line |

Legend:

- | | |
|--|--|
| ▬ Street Sign | ↩ Turn Arrow and "Only" word pavement markings. See Typical Detail, Sht. SP21. |
| ⬇ Type I Traffic Signal Std. | ▬ Crosswalk, Stop Line and "Stop" word pavement markings. See Typical Detail, Sht. SP22. |
| ⬆ Type II Traffic Signal Std. | STOP |
| ⊙ Street Light | ⋯ Yield pavement markings. See Typical Detail, Sht. SP22. |
| ↔ Straight Arrow. See Typical Detail, Sht. SP21. | |

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

LIB2: STA: 1007: UAHAI RD - 1: PLAN: 2009-02-17: 09

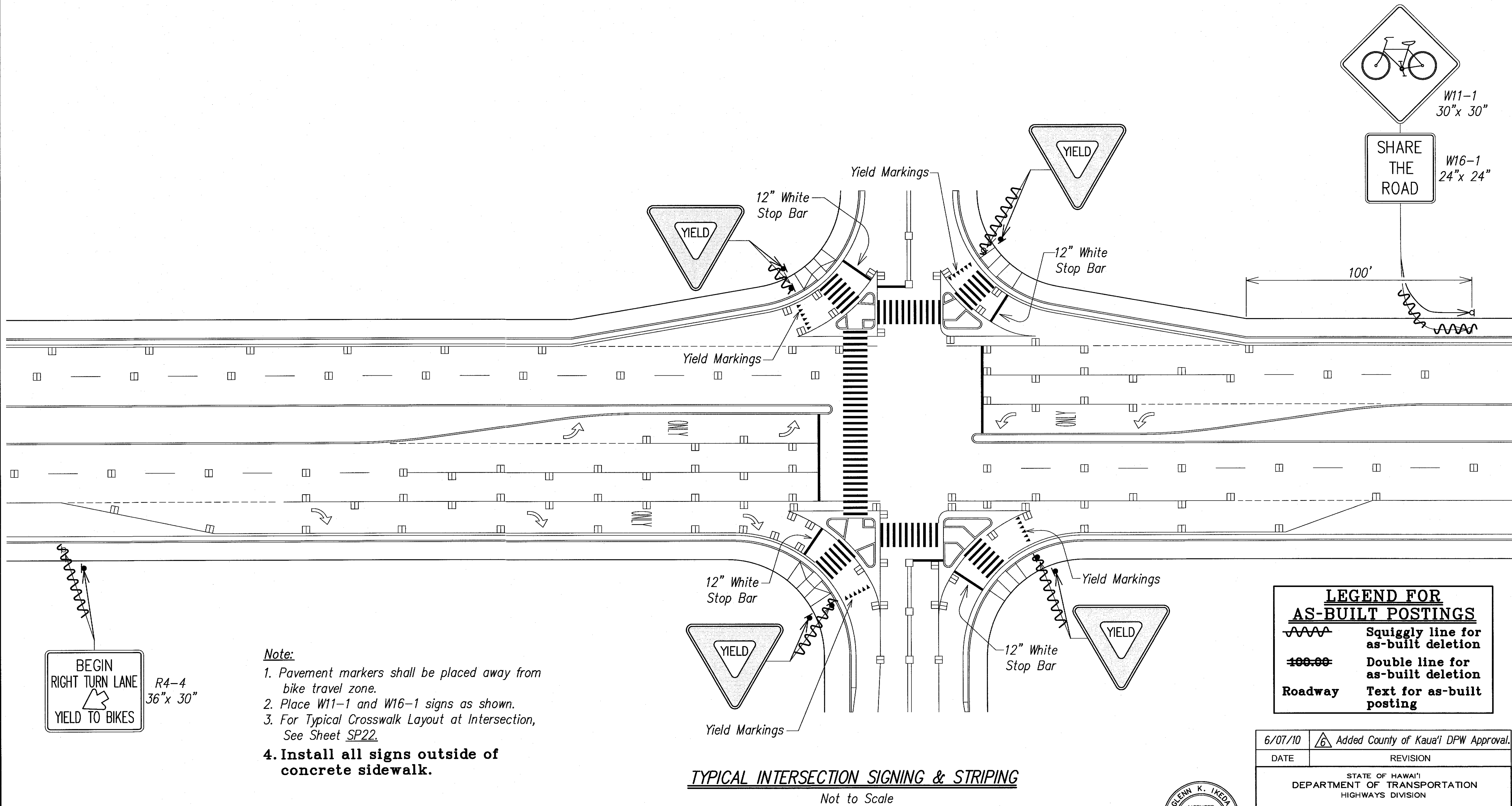
STRIPING PLAN
UAHI ROAD INTERSECTION ENLARGEMENT
 SCALE: 1" = 20'



2-24-09
 THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
 PAREN, INC.
 dba PARK ENGINEERING
 LICENSE EXPIRES 4-30-10

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
STRIPING PLAN
UAHI ROAD ENLARGEMENT
 KAUMUALII HIGHWAY WIDENING
 Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
 FEDERAL-AID PROJECT NO. NH-050-1(31)
 Scale: 1" = 20' Date: FEB. 2009
 SHEET No. SP19 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 250R | 452 |



- Note:**
1. Pavement markers shall be placed away from bike travel zone.
 2. Place W11-1 and W16-1 signs as shown.
 3. For Typical Crosswalk Layout at Intersection, See Sheet SP22.
 4. Install all signs outside of concrete sidewalk.

BEGIN
RIGHT TURN LANE
YIELD TO BIKES
R4-4
36" x 30"

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

| DATE | REVISION |
|---------|-------------------------------------|
| 6/07/10 | Added County of Kauai DPW Approval. |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING DETAILS

KAUMUALI HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: As Noted Date: JAN. 2010
SHEET No. SP20 OF SP26 SHEETS



APPROVED:

County Engineer, Dept. of Public Works Date: 1-21-11
County of Kauai
(For Work Within County R/W)

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
ParEn, Inc.
480 PARK ENGINEERING
LICENSE EXPIRES 4-30-16

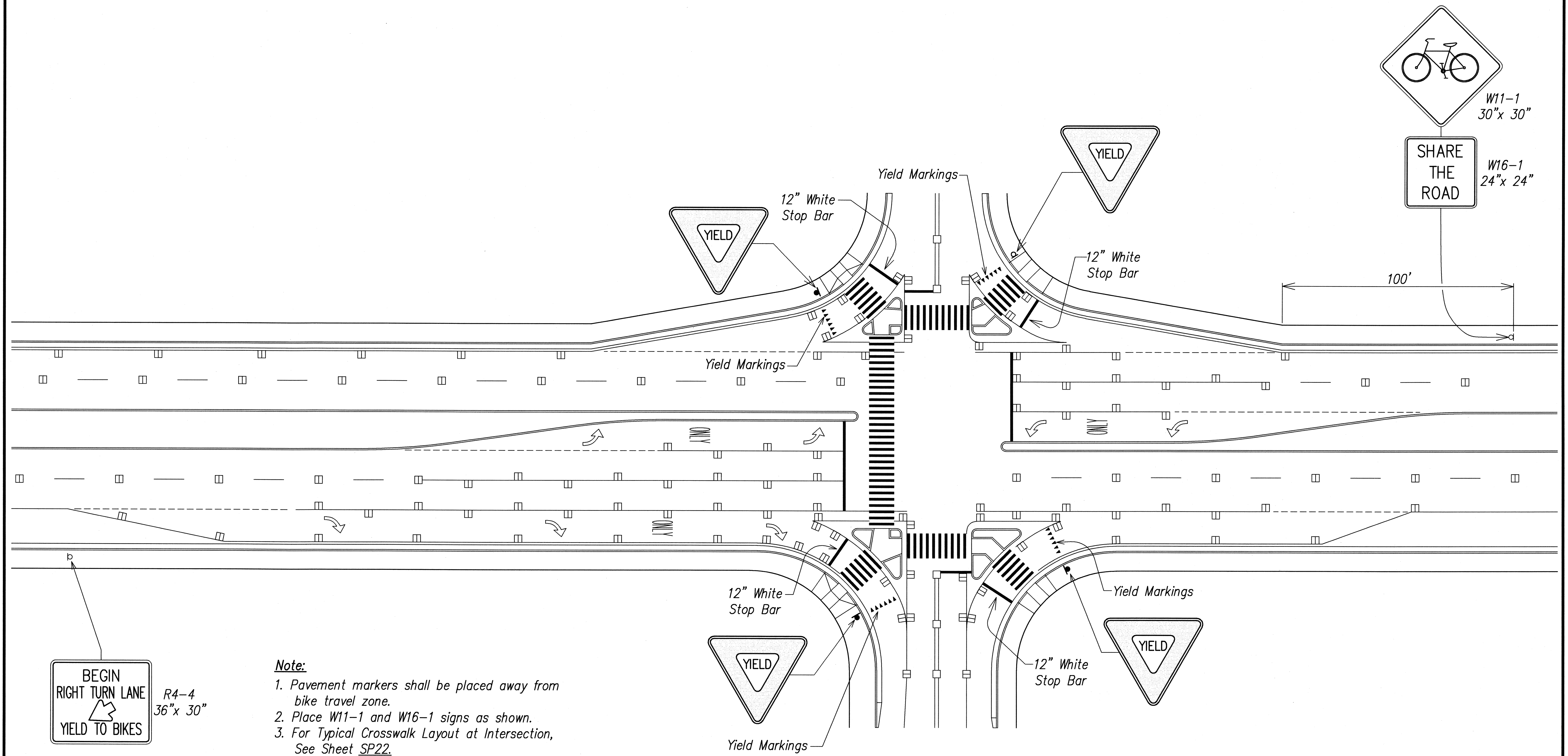
| DATE | SURVEY PLOTTED BY |
|------|-------------------|
| | |
| DATE | DRAWN BY |
| | |
| DATE | TRACED BY |
| | |
| DATE | QUANTITIES BY |
| | |
| DATE | CHECKED BY |
| | |
| DATE | ORIGINAL PLAN |
| | |
| DATE | NOTE BOOK |
| | |
| DATE | NO. |
| | |

250-C01-SP20-DET-1.dwg 3/21/10

"AS-BUILT"

250R

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 250 | 452 |



**BEGIN
RIGHT TURN LANE
YIELD TO BIKES**
R4-4
36" x 30"

- Note:**
1. Pavement markers shall be placed away from bike travel zone.
 2. Place W11-1 and W16-1 signs as shown.
 3. For Typical Crosswalk Layout at Intersection, See Sheet SP22.

TYPICAL INTERSECTION SIGNING & STRIPING

Not to Scale

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

LIB2 STATE DOT/KAUAI/10-1/10/08/11/20/08

GLEN K. IKEDA
LICENSED PROFESSIONAL ENGINEER
No. 8328-C
HAWAII, U.S.A.
2-26-09
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glen K. Ikeda
PAPER, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

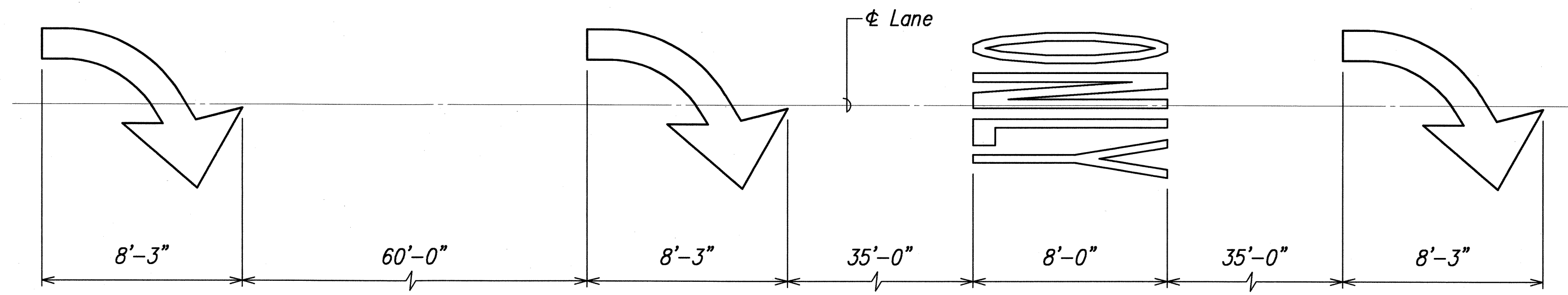
PAVEMENT MARKING DETAILS

KAUAI/10-1/10/08/11/20/08
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

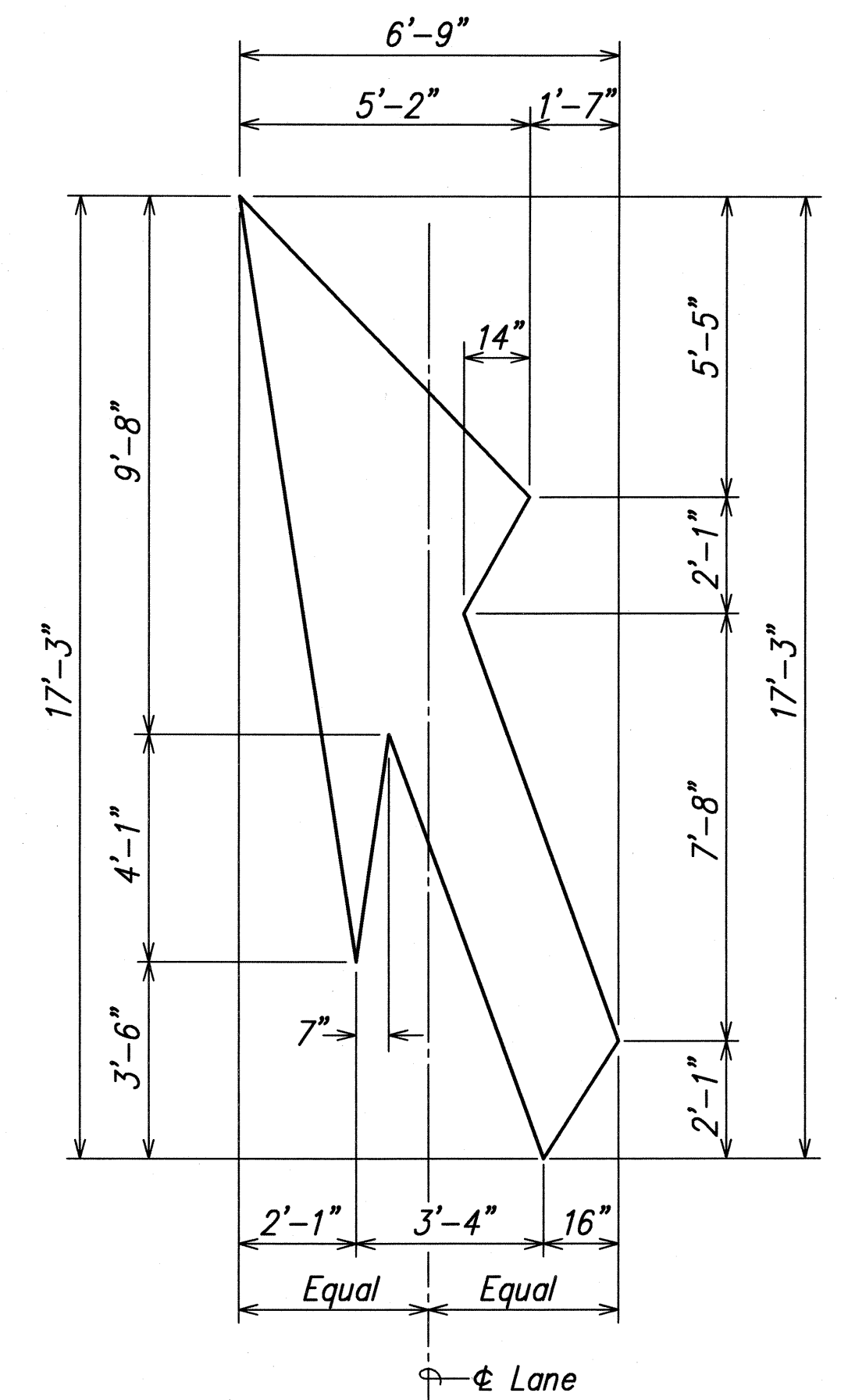
Scale: As Noted Date: FEB. 2009

SHEET No. SP20 OF SP26 SHEETS

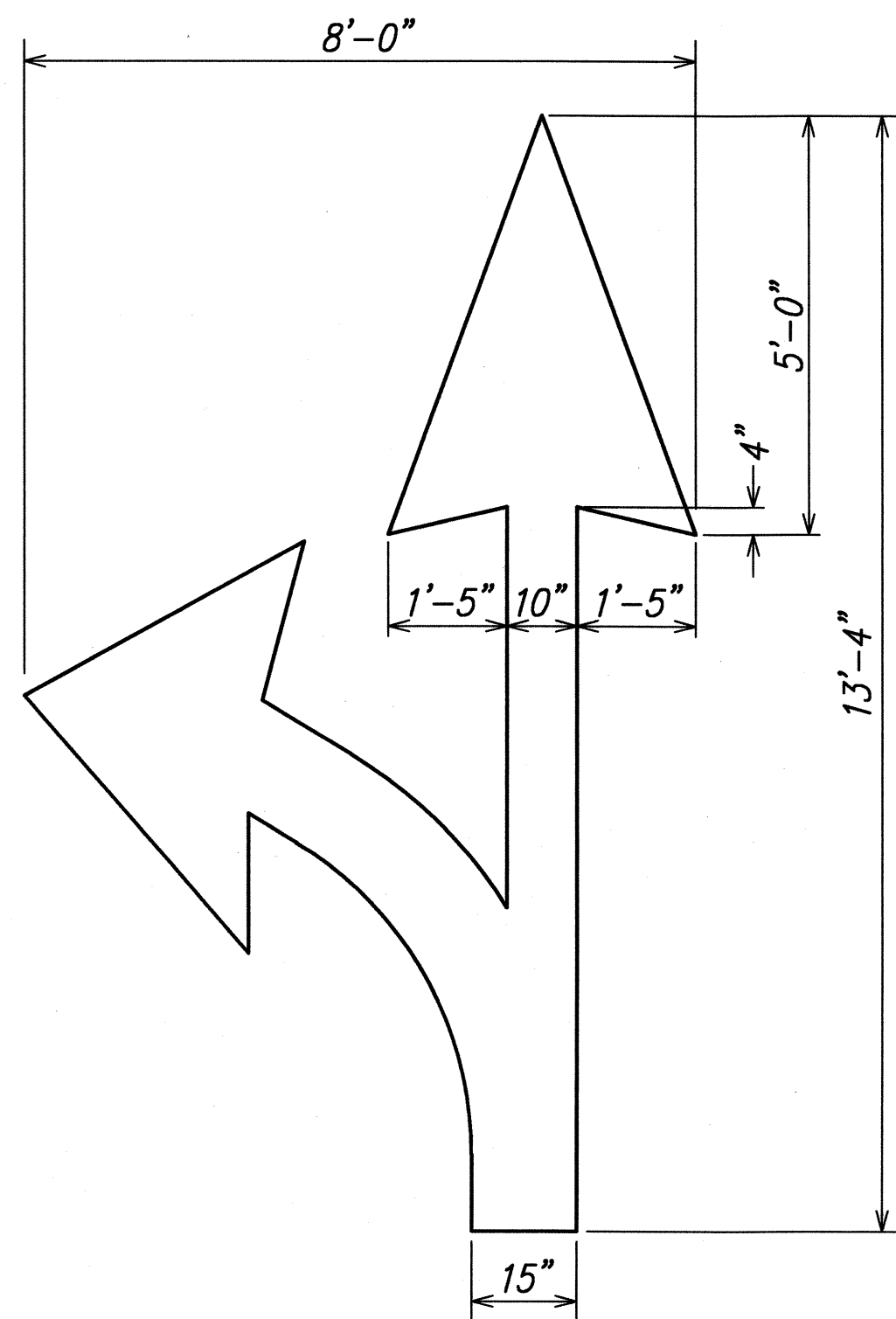
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 251 | 452 |



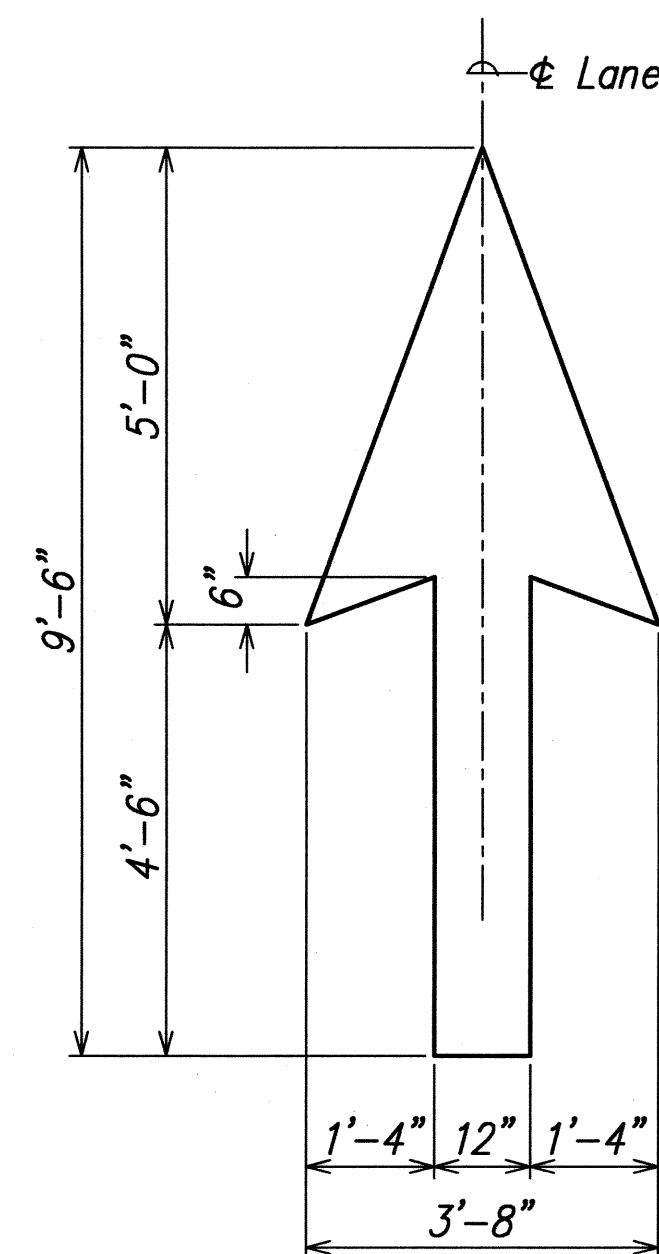
Typical Right Turn Lane Symbol Placement
Scale: 1/8" = 1'-0"



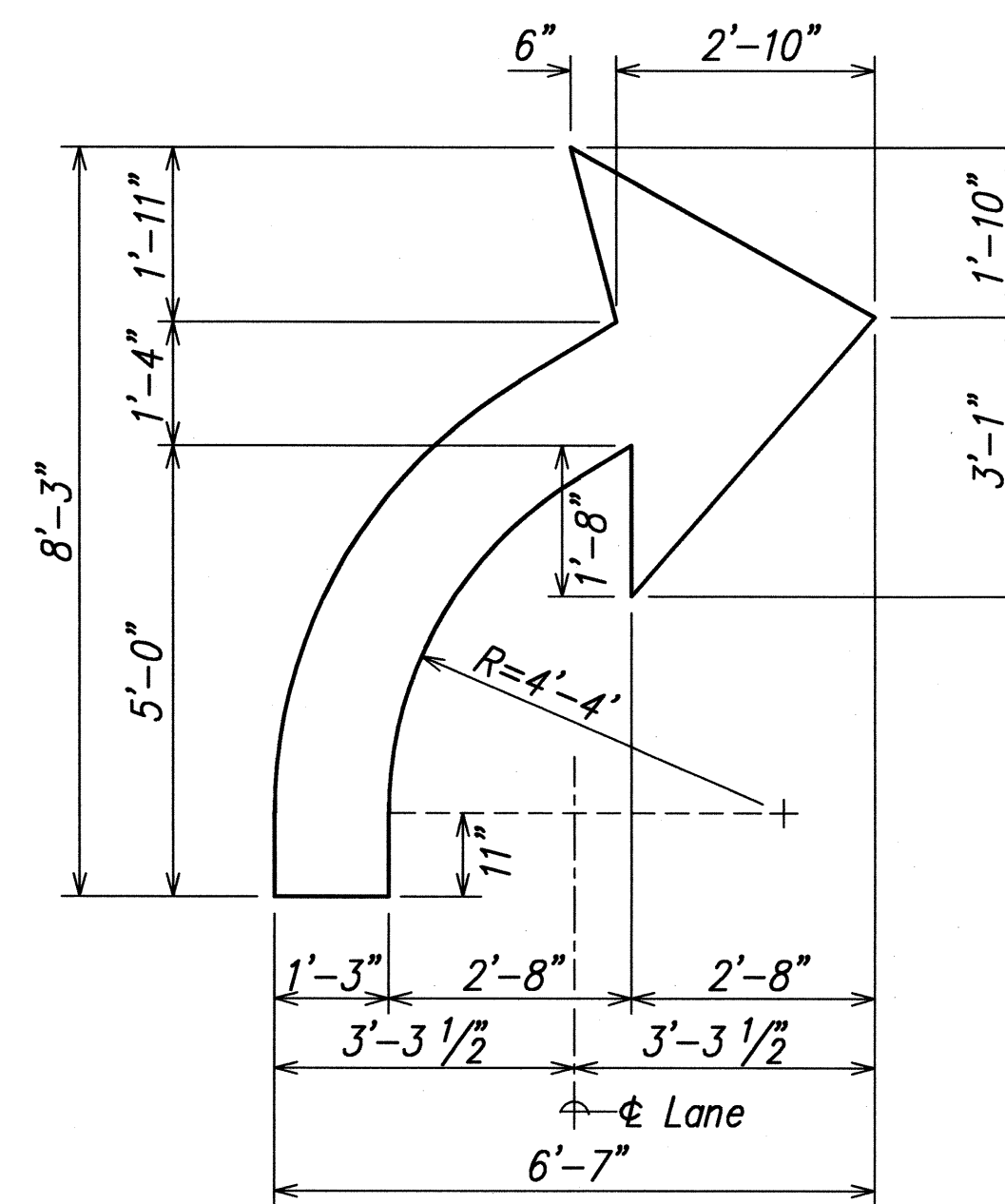
Lane Drop Pavement Arrow
Scale: 3/8" = 1'-0"



Straight & Turn Pavement Arrow
Scale: 1/2" = 1'-0"

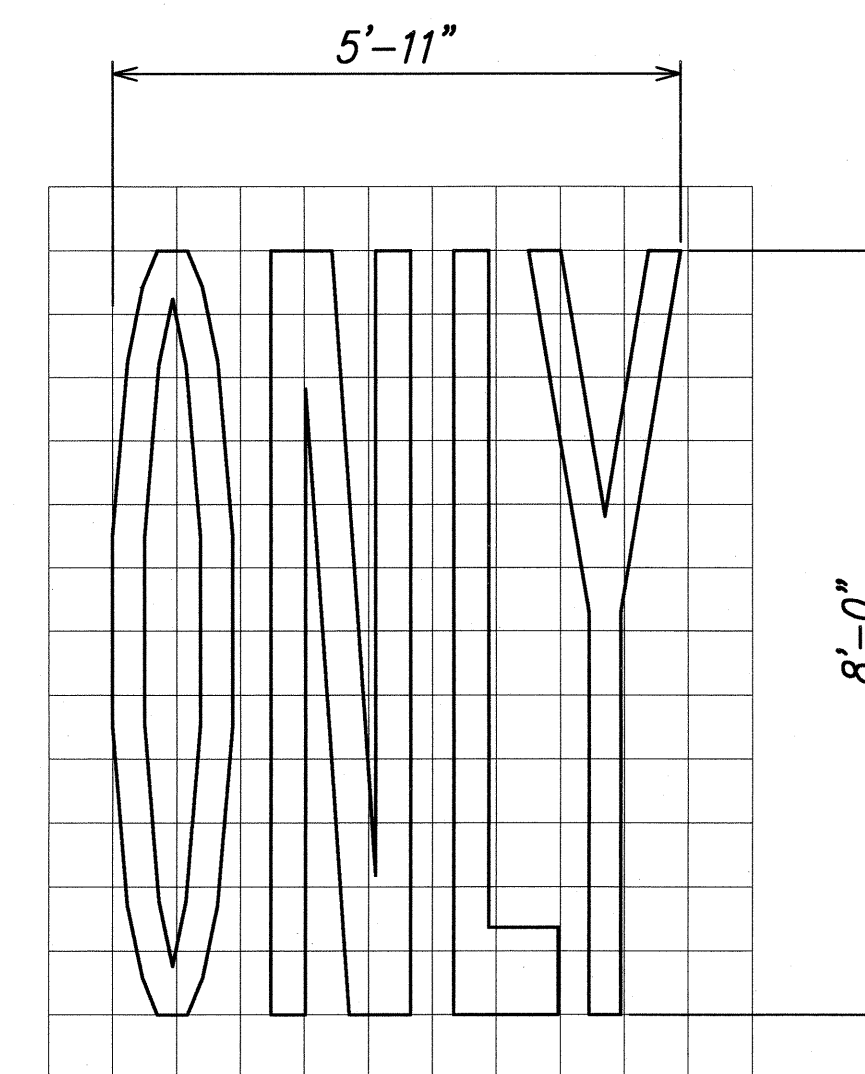


Straight Pavement Arrow
Scale: 1/2" = 1'-0"



Directional Arrow

Right Turn Lane Pavement Markings
Scale: 1/2" = 1'-0"



Only Word

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | |
| CHECKED BY | |
| QUANTITIES BY | |
| NOTED BY | |
| CHECKED BY | |

LEG: STATE DOT KAUNAOA - PAVEMENT REVISION PLAN, REVISED 11/20/08



2-26-09
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Glenn K. Ikeda
PavEn, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

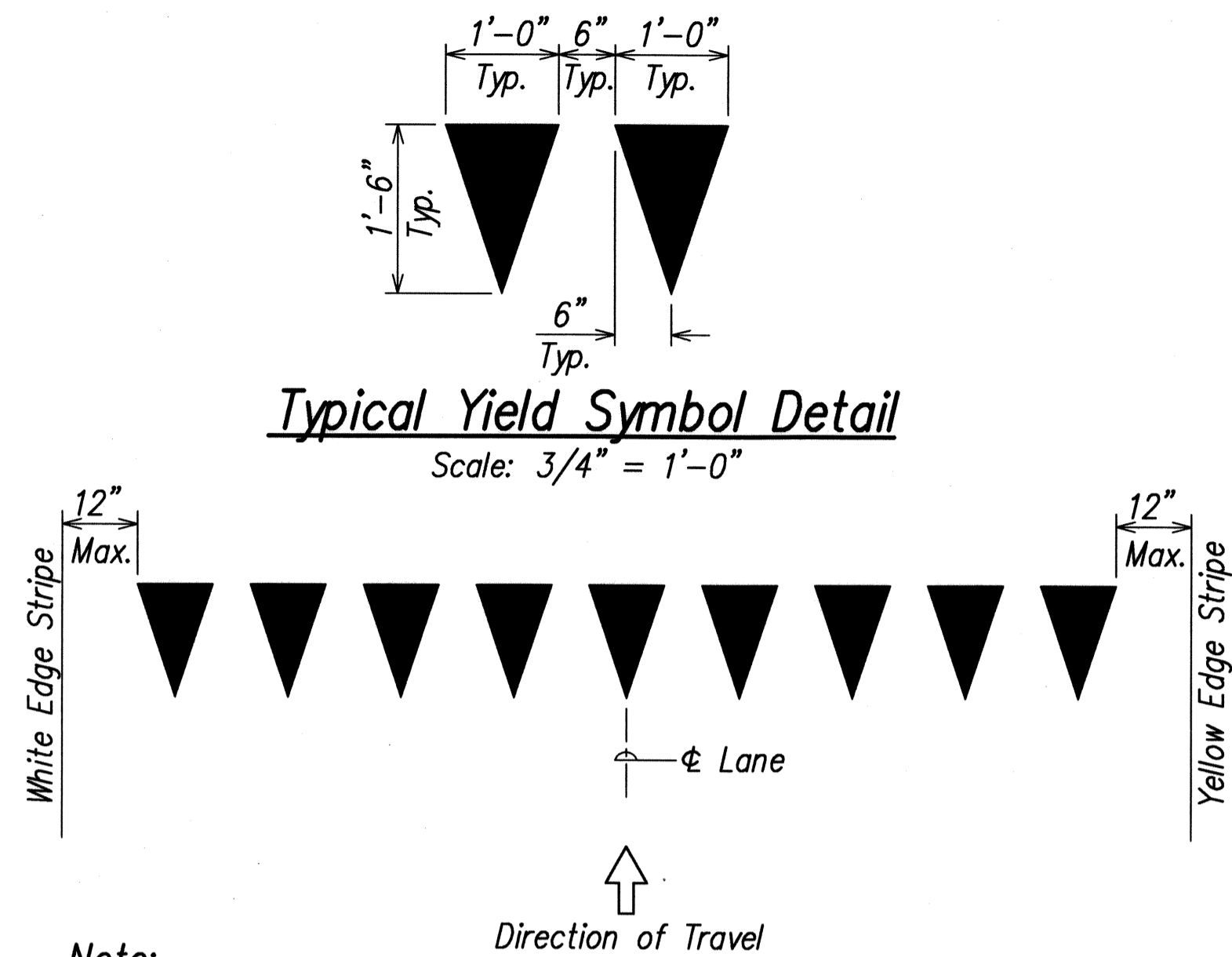
PAVEMENT MARKING DETAILS

KAUNAOA HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: As Noted Date: FEB. 2009

SHEET No. SP21 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 252 | 452 |

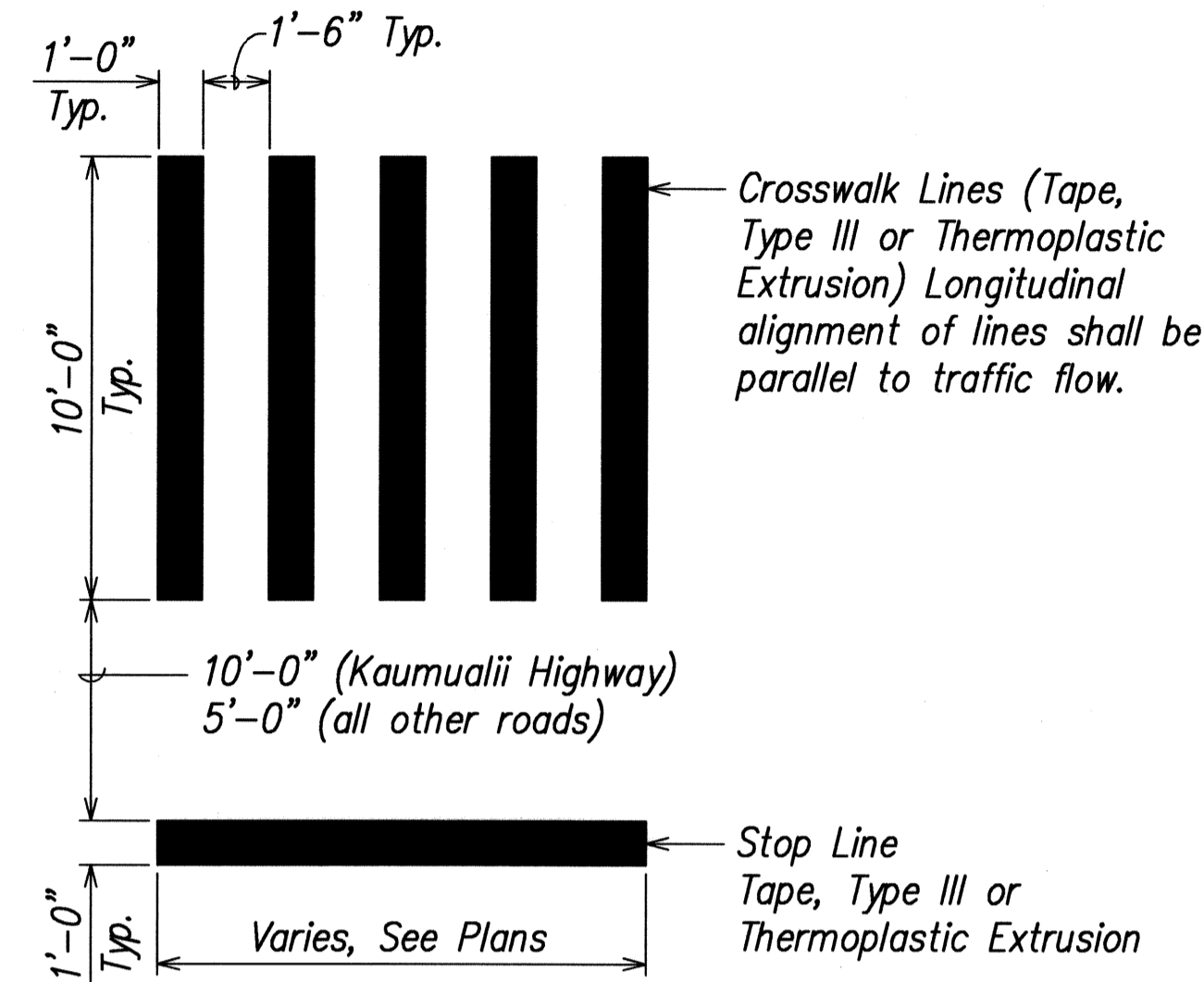


Typical Yield Symbol Detail
Scale: 3/4" = 1'-0"

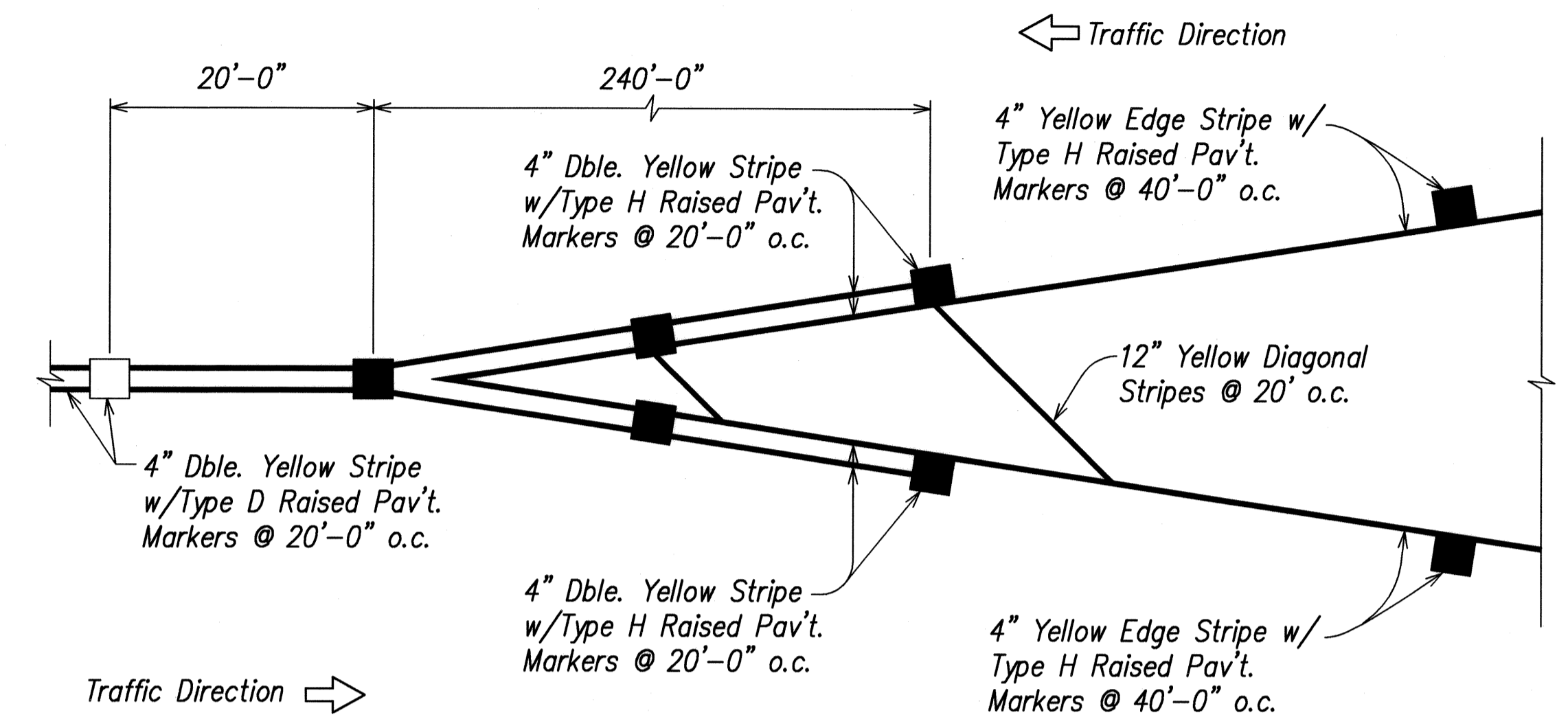
Note:

1. Yield Line pavement symbols for one lane shall be considered as one unit.
2. Yield Line pavement symbols (Tape, Type III or Thermoplastic Extrusion).

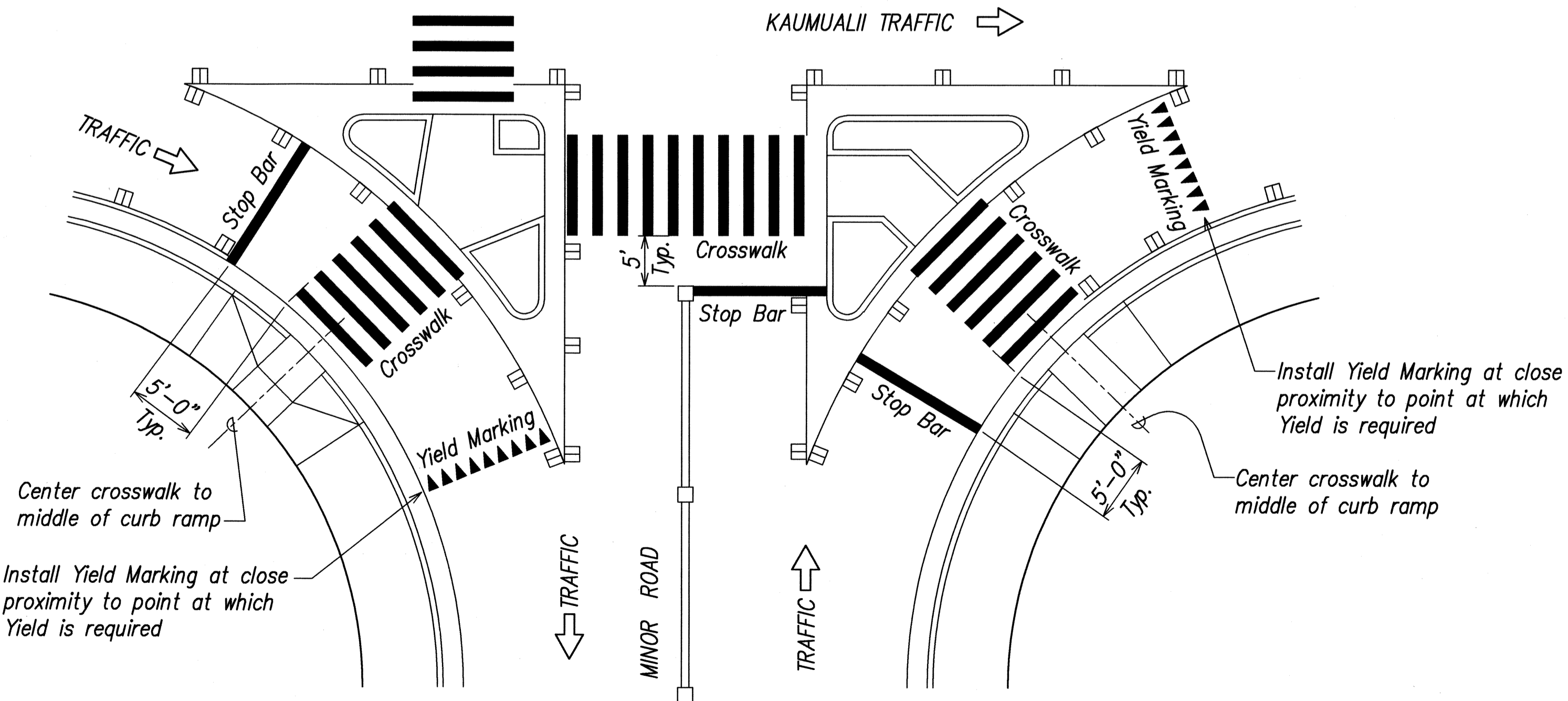
Typical Yield Line Layout
Scale: 1/2" = 1'-0"



Typical Crosswalk Layout (Straight Alignment)
Scale: 1/4" = 1'-0"



Median Striping at Baseline Station 275+00
Scale: 1" = 20'



Typical Crosswalk Layout (At Intersections)
Scale: 1" = 10'

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

LIB2 STATE DOT\KUMUALII\PHASE2A\RESUBMIT\ARISTO\SP22-DETA1.dwg 11/20/08



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
2-26-09
Glenn K. Ikeda
PAREN, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

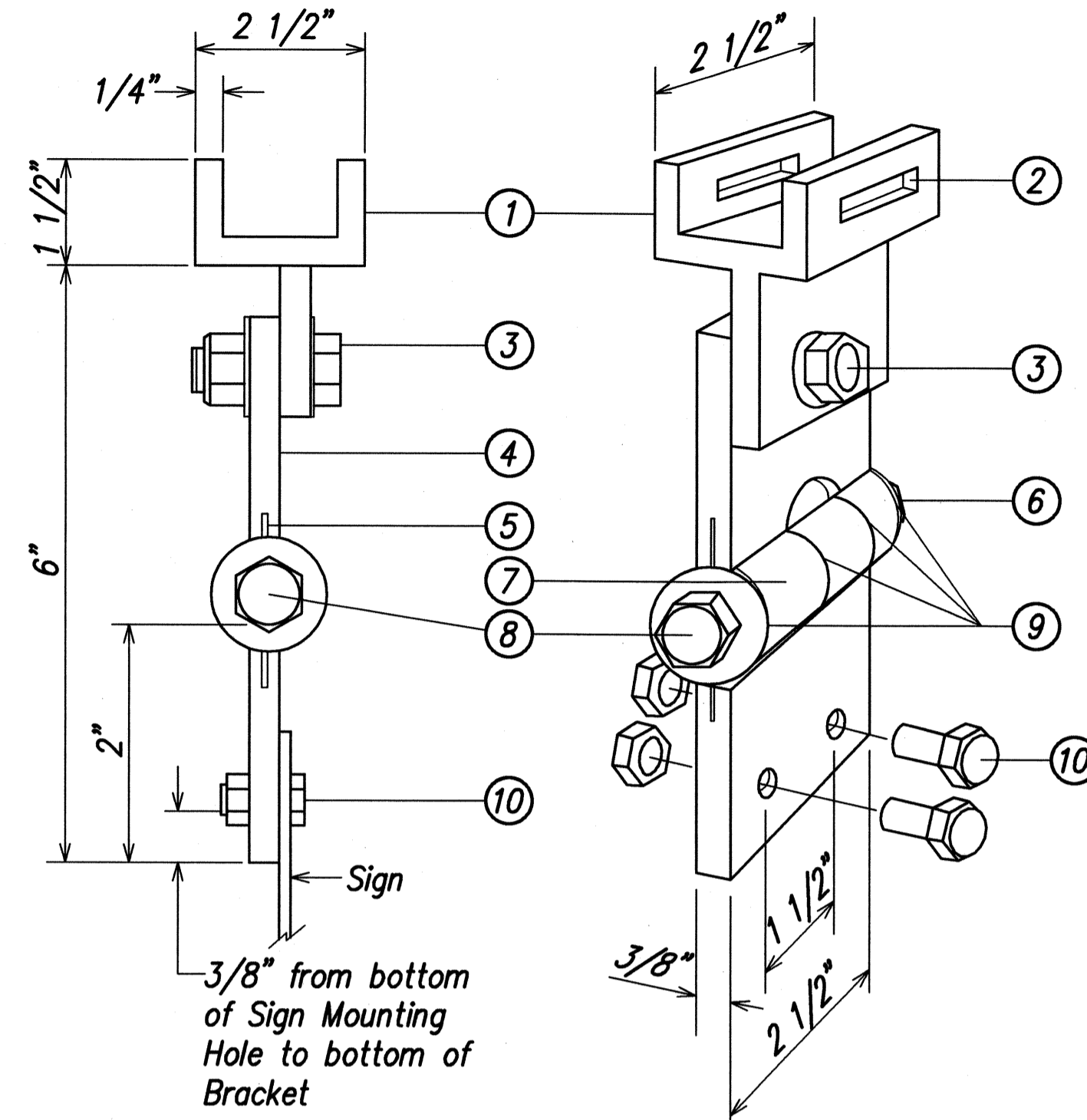
PAVEMENT MARKING DETAILS

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

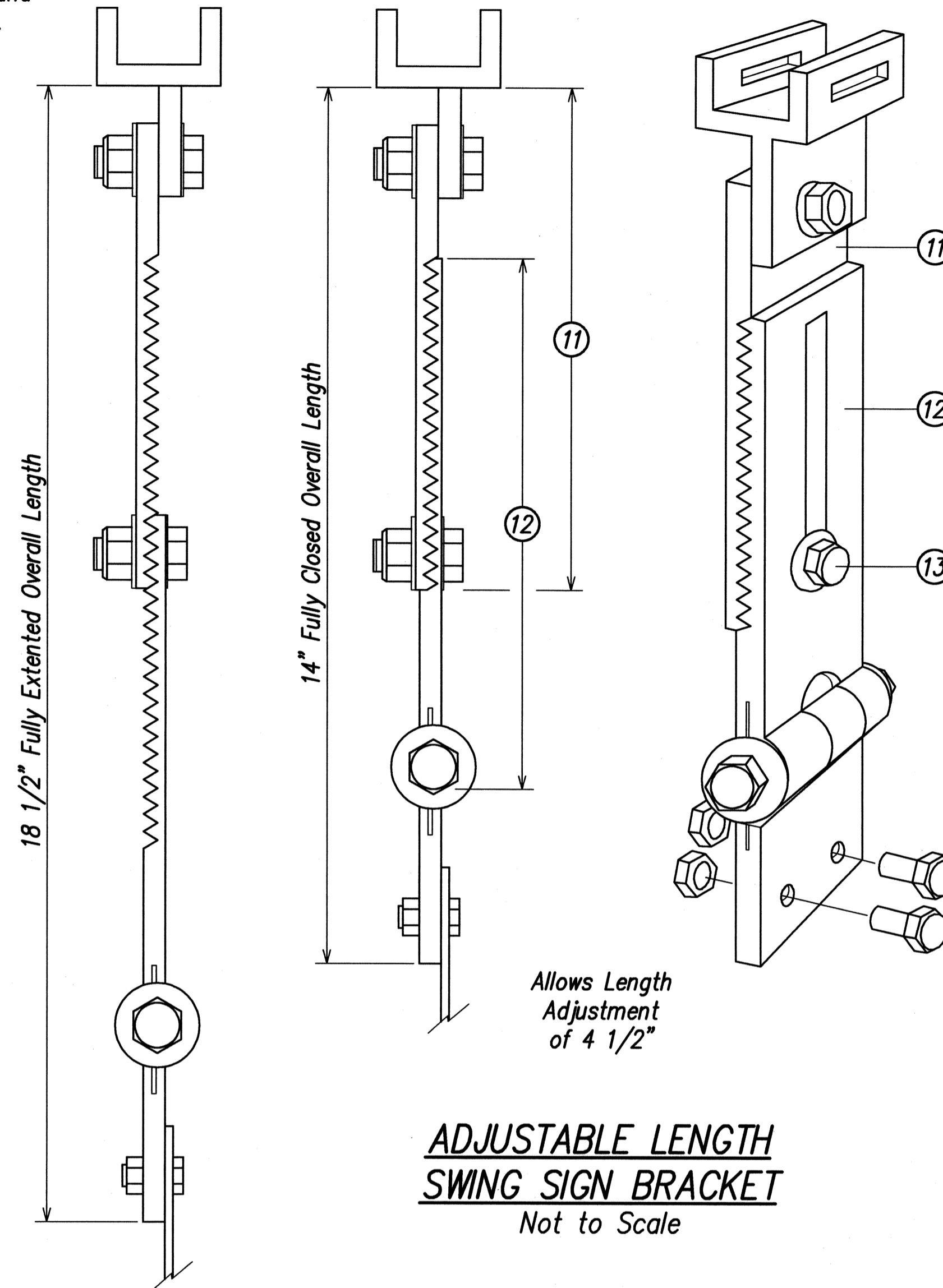
Scale: As Noted Date: FEB. 2009
SHEET No. SP22 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 253 | 452 |

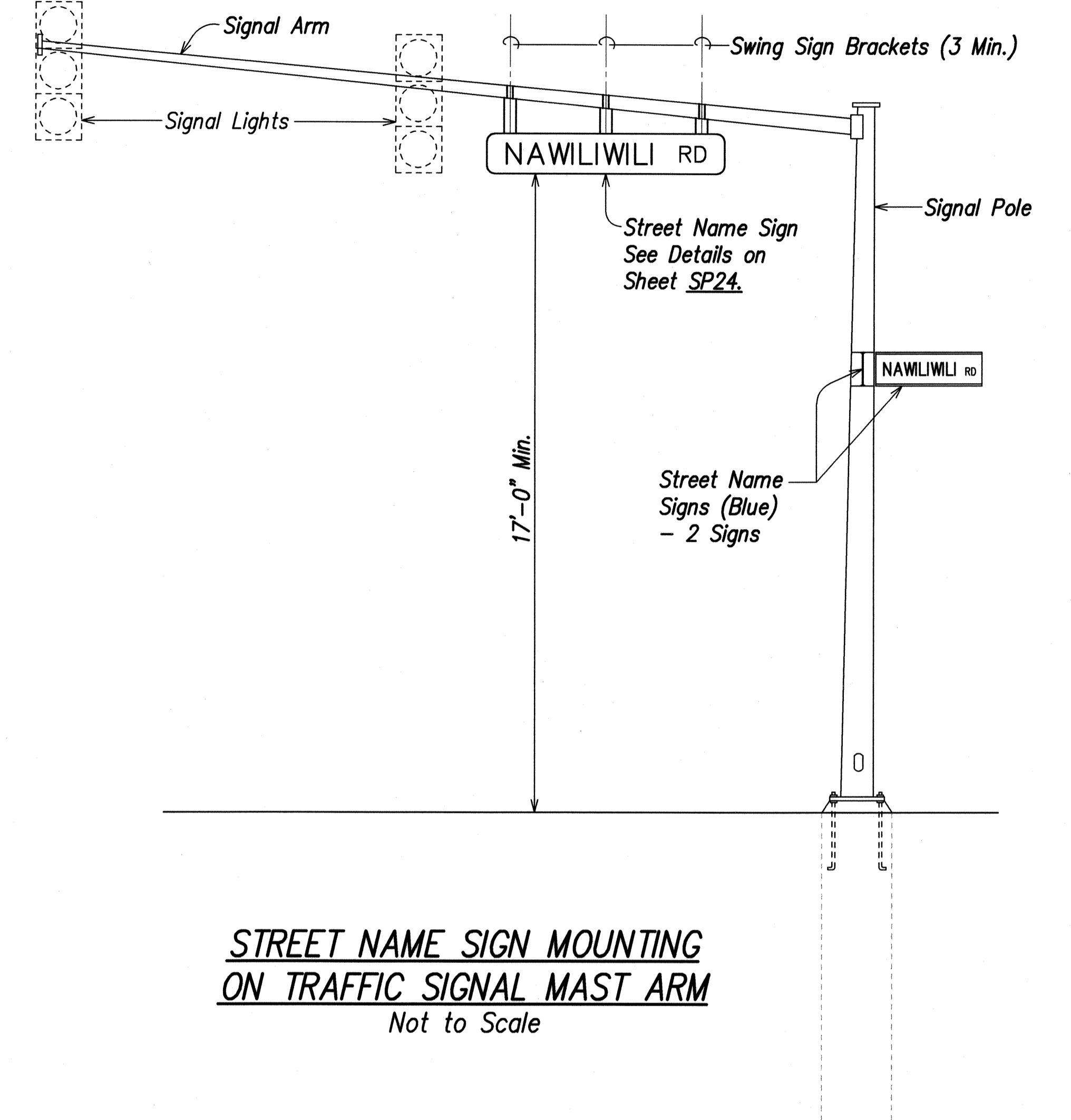
All Aluminum 6061T6 Alloy and Stainless Steel Components.



FIXED LENGTH NON-ADJUSTABLE SWING SIGN BRACKET
Not to Scale



ADJUSTABLE LENGTH SWING SIGN BRACKET
Not to Scale



STREET NAME SIGN MOUNTING ON TRAFFIC SIGNAL MAST ARM
Not to Scale

SIGN NOTES:

- Provide the same message on the front and back side of the sign. Payment will not be made separately but shall be considered as one unit.
- Colors:
Legend - White (Reflectorized)
Background - Green or Blue (Reflectorized)
- All Panels shall be reflectorized with Type B Reflectorized Sheeting in accordance with Section 750.01 of the Standard Specifications.
- All signs shall conform to Section 630 of the Specifications and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
 - Modification to ASSHTO Standard Specifications for Structural Support of Highway Signs, Luminaires and Traffic Signals. See HDOT Memorandum "Design Criteria for Bridges and Structures", dated April 15, 2008.
- Borders and messages shall conform to details as shown on the Plans and as specified in the MUTCD.
- Sign mounting brackets, fixtures, fasteners, all necessary hardware, equipment, tools, labor, materials and other incidentals required for installation will not be paid for separately but shall be considered incidental to Street Name Sign installation.
- Install one green Street Name Sign on each signal mast arm and two blue Street Name Signs on each signal pole.

SWING SIGN BRACKET PARTS LIST

- | | |
|---|--|
| <ol style="list-style-type: none"> ① Pivotal Upper Bracket ② 1 5/8" x 1/4" Slot for Double Strapping to Electroller Mast Arm. (M2G-34S(HD) .030" x 3/4" Heavy Duty Stainless Steel Strap with M2G-34B(HD) Buckle recommended.) ③ 1/2" - 13 x 1 1/2" Stainless Steel Hex Head Bolt with Stainless Steel Hex Lock Nut and 1/16" Stainless Steel Washer (both sides). Allows upper Bracket to pivot and align with Electroller Mast Arm. ④ 6" Overall drop with Fixed Length Sign Bracket ⑤ Stainless Steel Dampener Spring (Removable) ⑥ Stainless Steel Hex Lock Nut with 1/16" Stainless Steel Washer ⑦ 1" O.D. Axle Housing | <ol style="list-style-type: none"> ⑧ 1/2" - 13 x 4" Stainless Steel Hex Head Bolt with 1/16" Stainless Steel Washer ⑨ Oilite Bushing ⑩ Sign Mounting Sets, consisting of two each 5/16" - 18 x 1" Stainless Steel Hex Head Bolt with Stainless Steel Hex Lock Nut. Two holes on 1 1/2" centers provide positive lock sign mounting to bracket. ⑪ 8 1/4" overall length Upper Adjustable Sign Bracket Section ⑫ 9" overall length Lower Adjustable Sign Bracket Section, including Axle Housing (8" overall length to top of Axle Housing) ⑬ 1/2" - 13 x 1 1/2" Stainless Steel Hex Bolt with Stainless Steel Hex Lock Nut and 1/16" Stainless Steel Washers (both sides). Loosen Lock Nut, adjust Bracket Teeth to level Sign. |
|---|--|

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

LIBS, STATE OF HAWAII, 1000 KALANOAUE AVENUE, HONOLULU, HAWAII, 96813-SP23, SHEET 253 OF 452



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
FERN, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

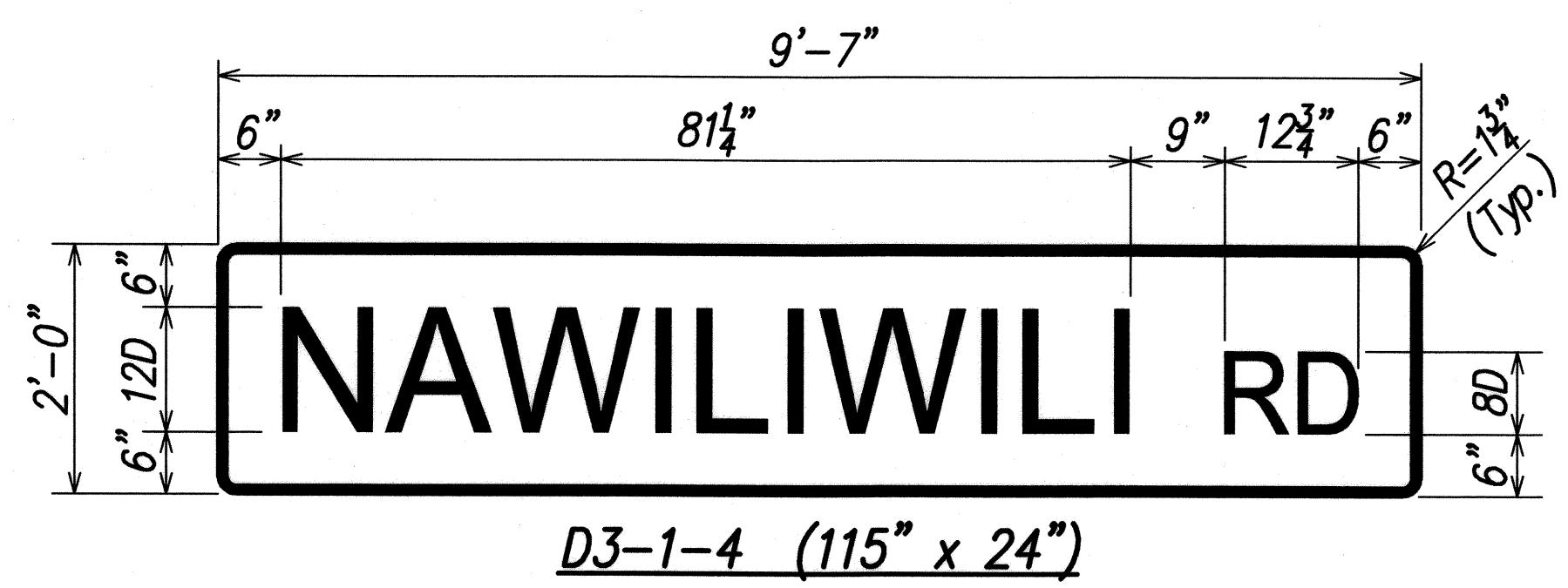
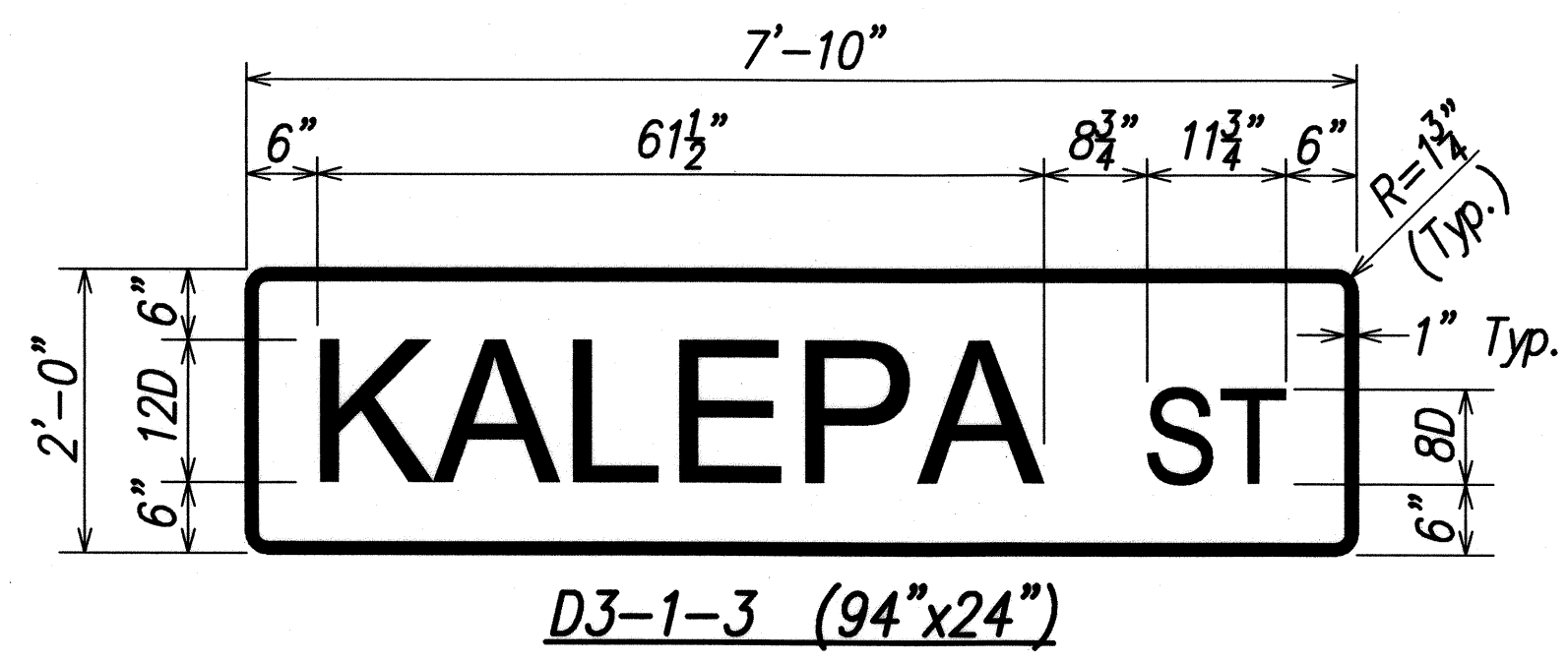
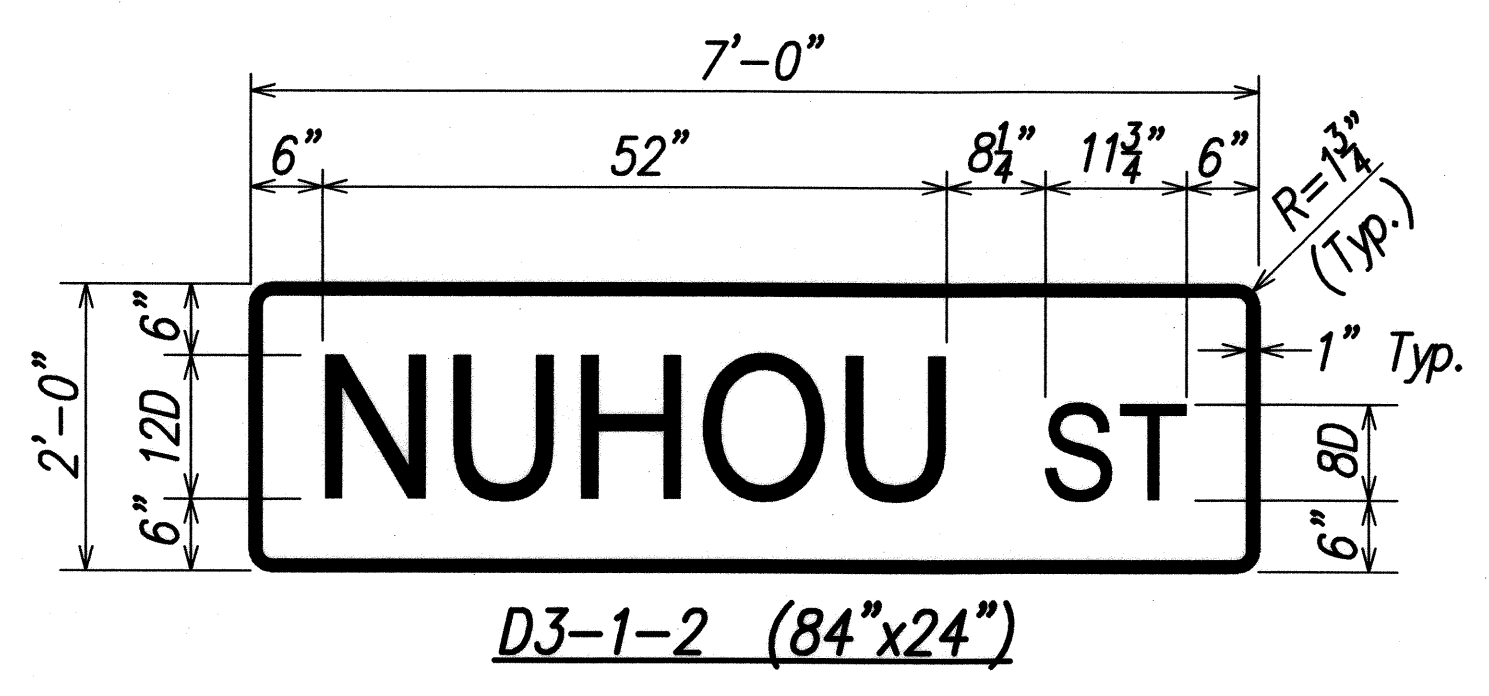
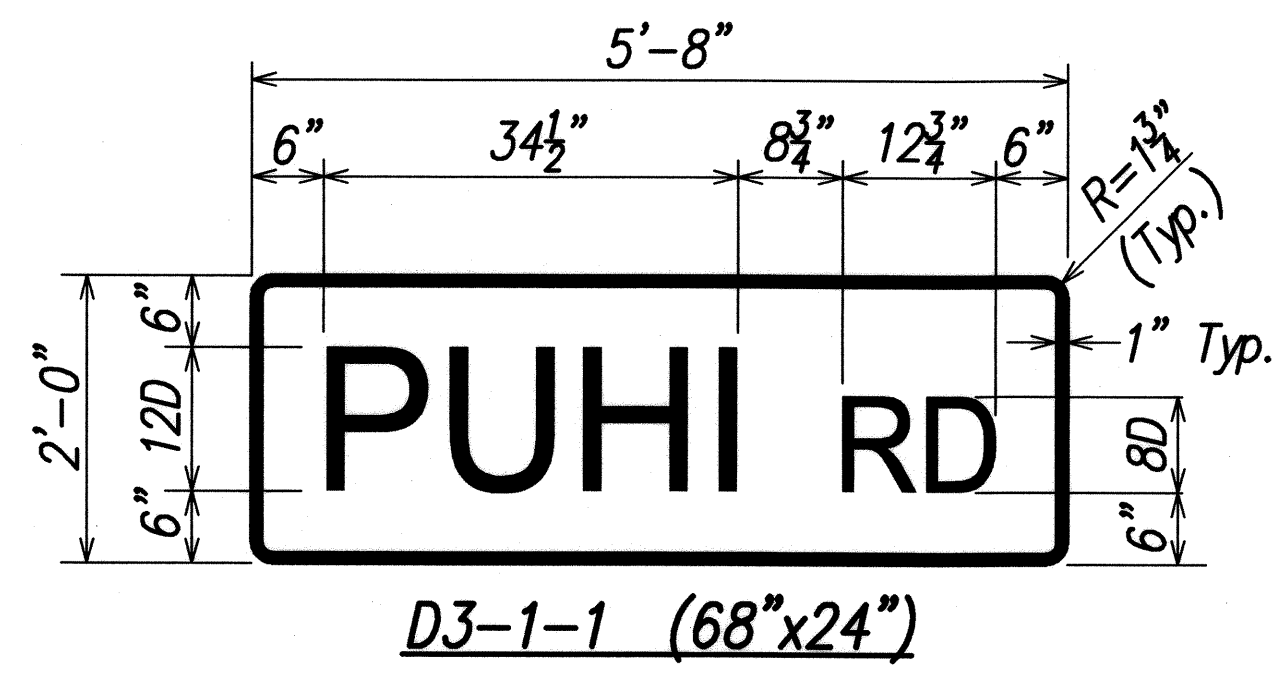
SIGN DETAILS

KAUAI HIGWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: N.T.S. Date: FEB. 2009

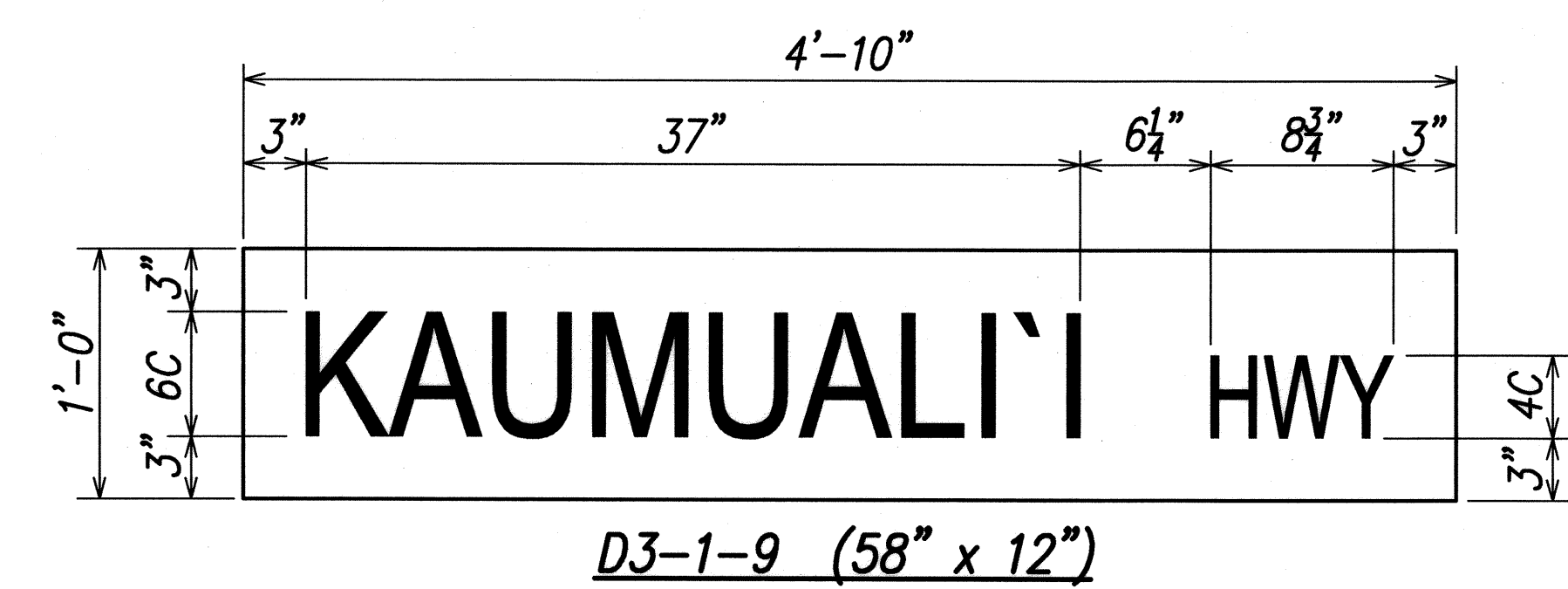
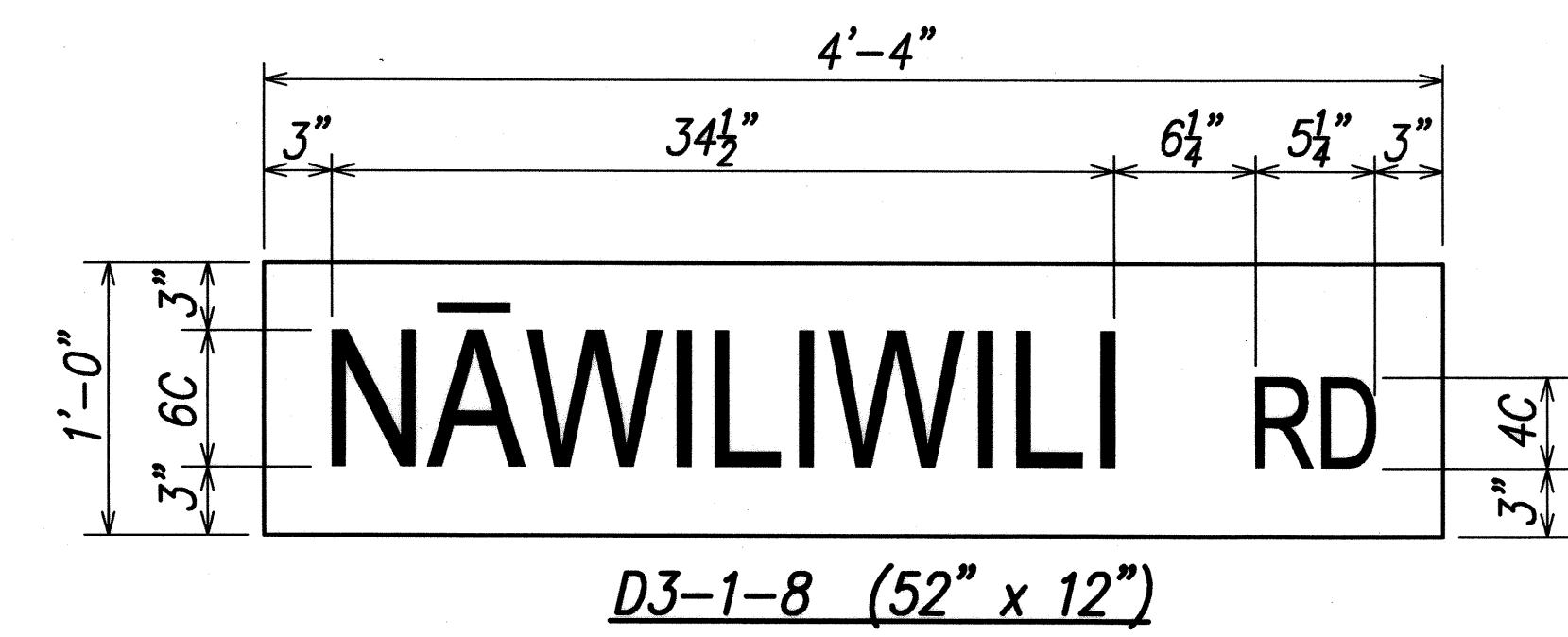
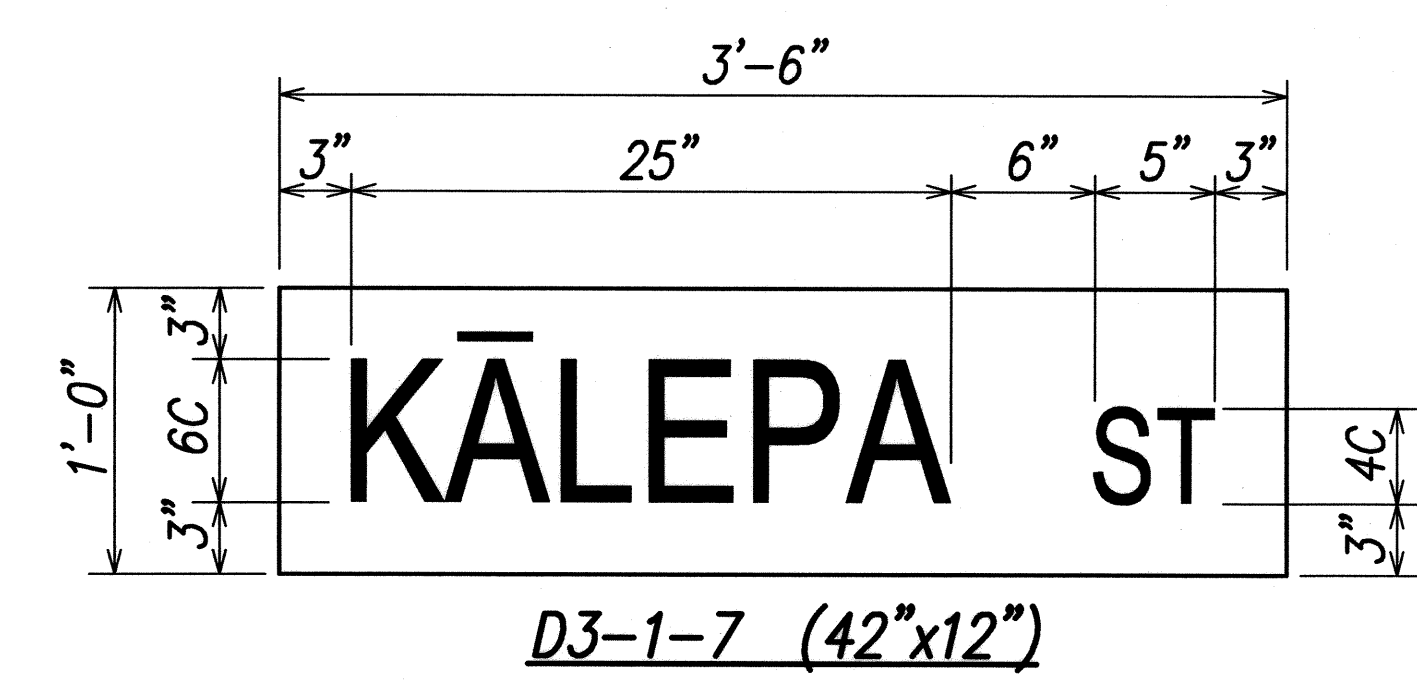
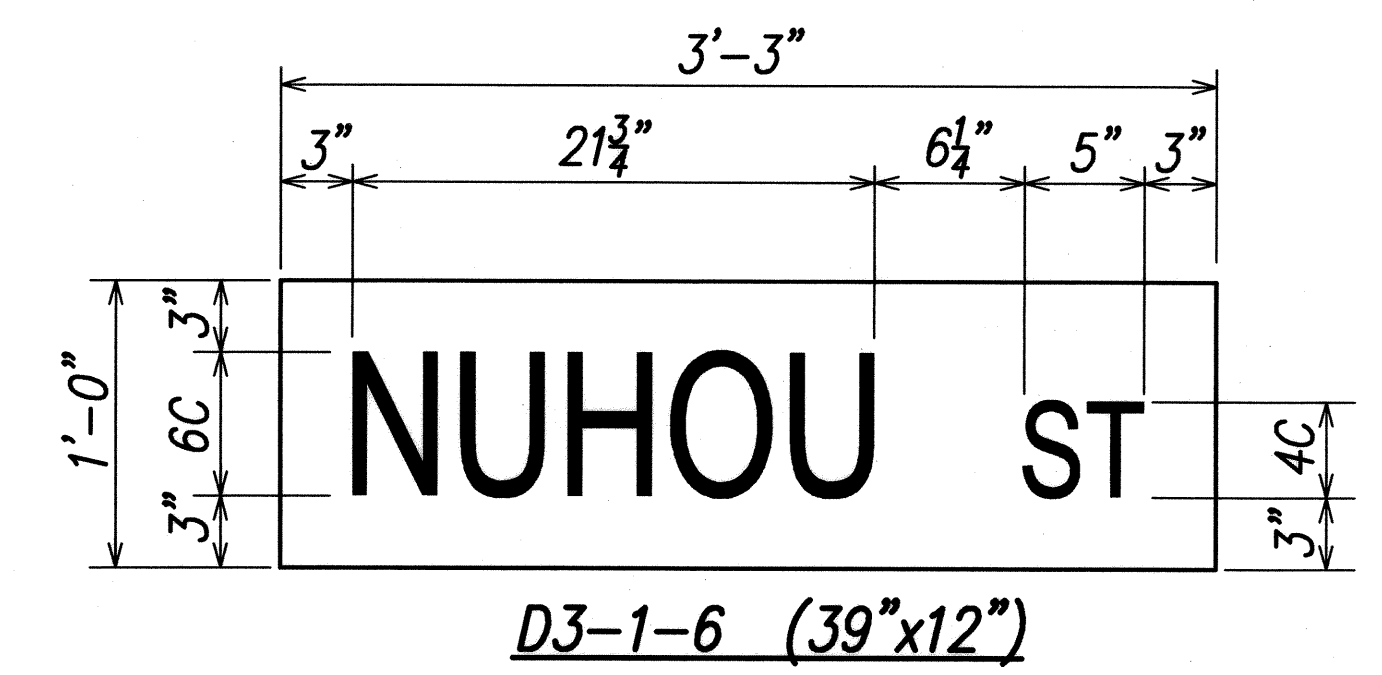
SHEET No. SP23 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 254 | 452 |



- Notes:**
1. Each Street Name sign shall be installed on the traffic signal mast arm with a minimum of three (3) support brackets.
 2. The Street Name sign shall be retroreflective to show the same shape and similar color, both day and night, and on two sides (visible to both directions).
 3. The legend and border shall be white on a green background.

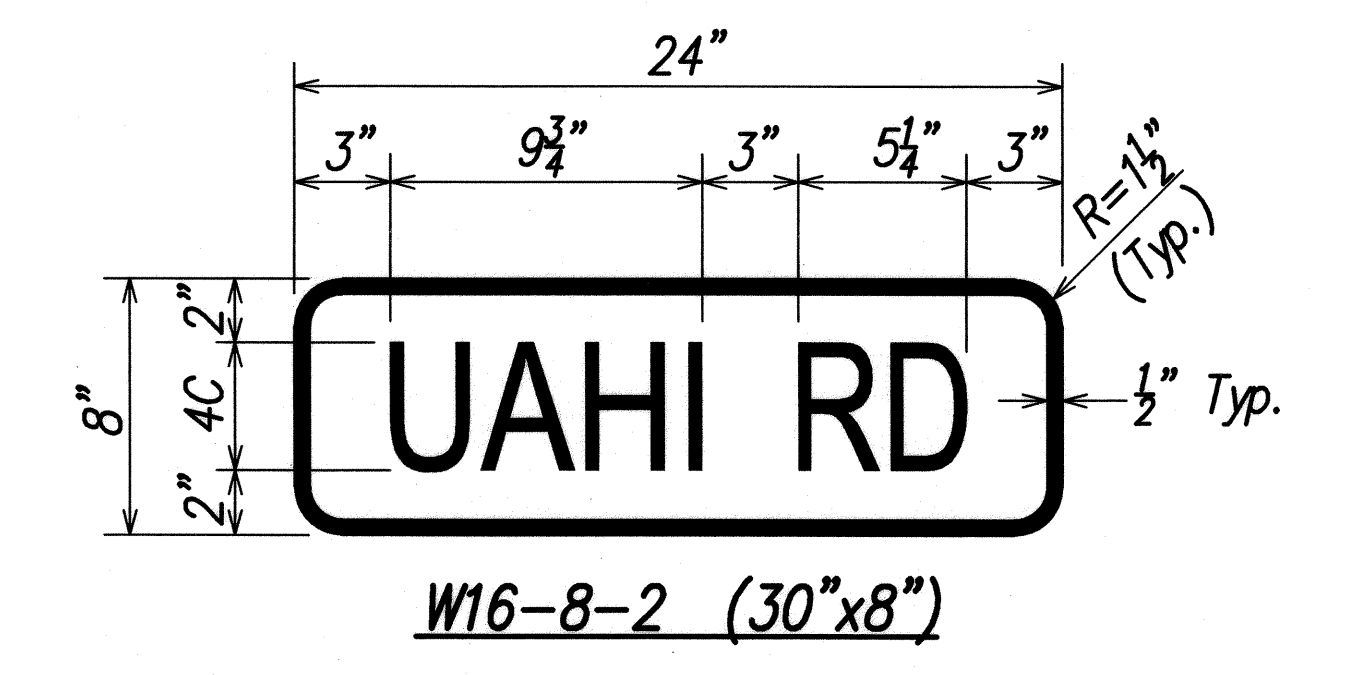
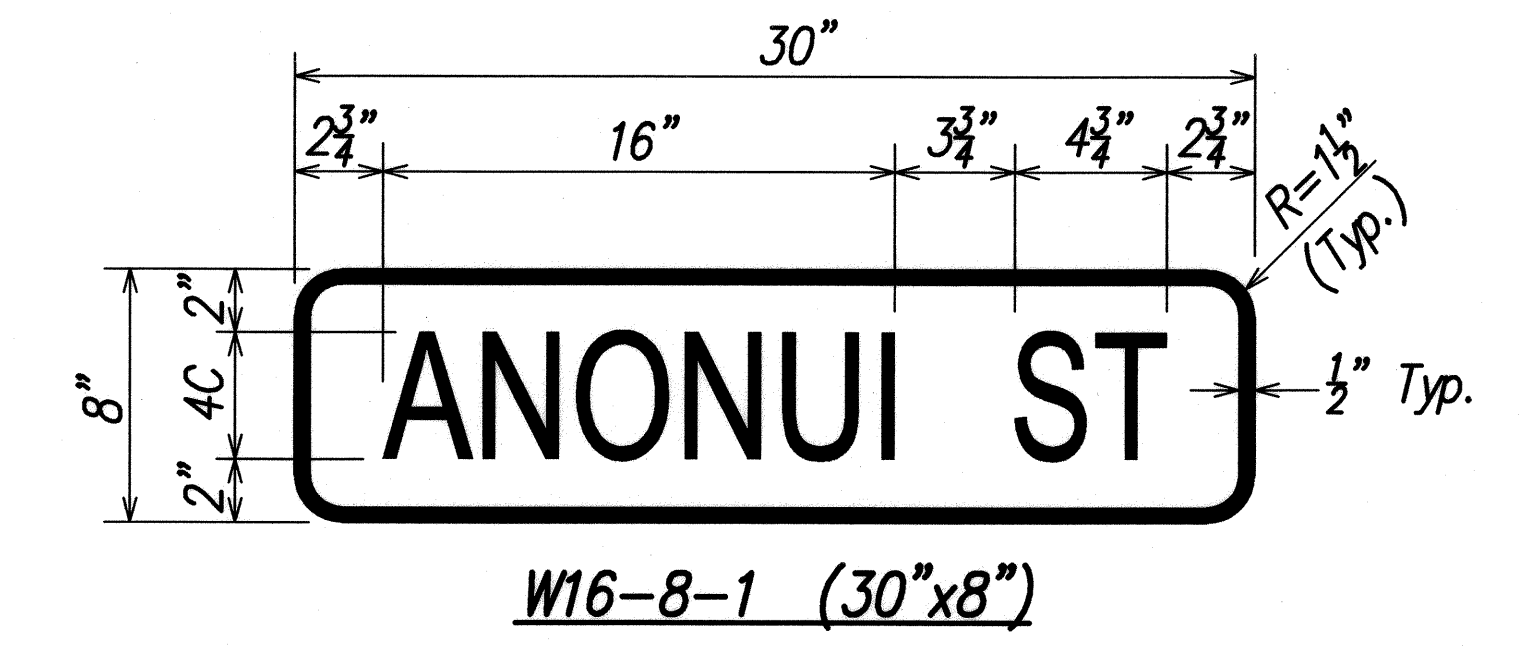
STREET NAME SIGNS ON MAST ARM
Scale: 3/4" = 1'-0"



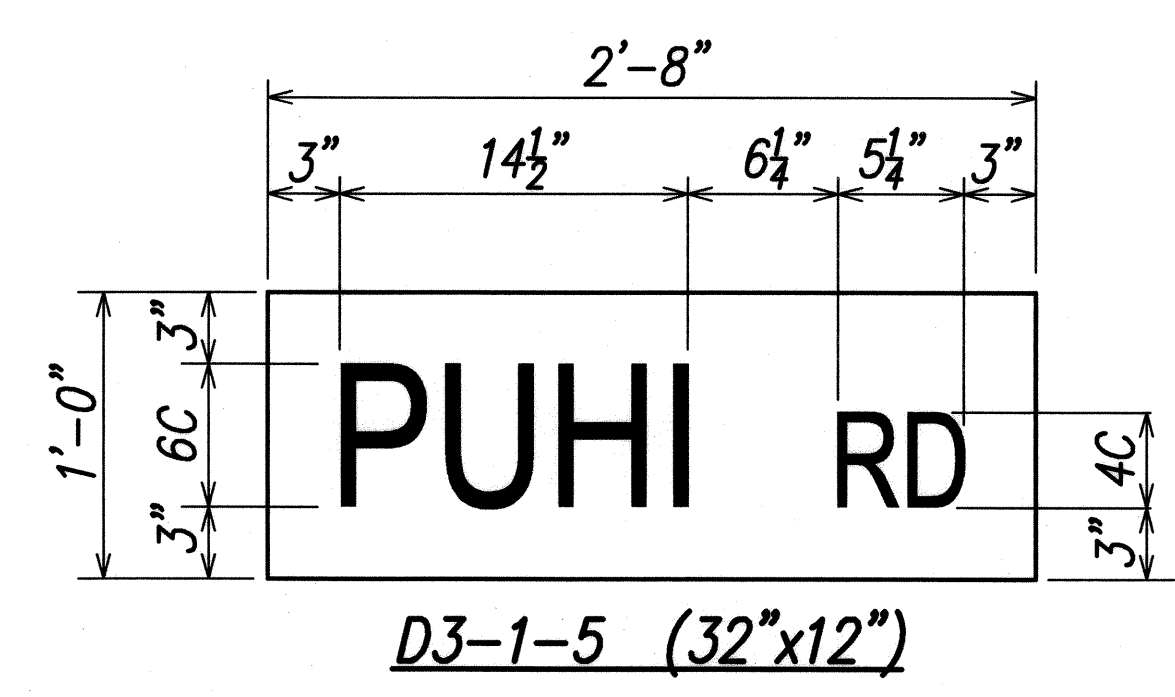
- Notes:**
1. Each Street Name sign shall be installed on the traffic signal pole using an aluminum cantilever arm sign mounting system.
 2. The Street Name sign shall be retroreflective to show the same shape and similar color, both day and night, and on two sides (visible to both directions).
 3. The legend shall be white on a blue background.

STREET NAME SIGNS ON SIGNAL POLE
Scale: 1-1/2" = 1'-0"

- Notes:**
1. Each Advance Street Name sign shall be installed on same post with intersection warning sign (W2-4).
 2. The Street Name sign shall be retroreflective to show the same shape and similar color, both day and night.
 3. The legend and border shall be black on a yellow background.



ADVANCE STREET NAME SIGNS
Scale: 2" = 1'-0"



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

LIB2 STATE DOT/KAUMUALI'I HIGHWAY WIDENING/SP24-SIGN2.dwg 11/20/08



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
Park, Inc.
PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

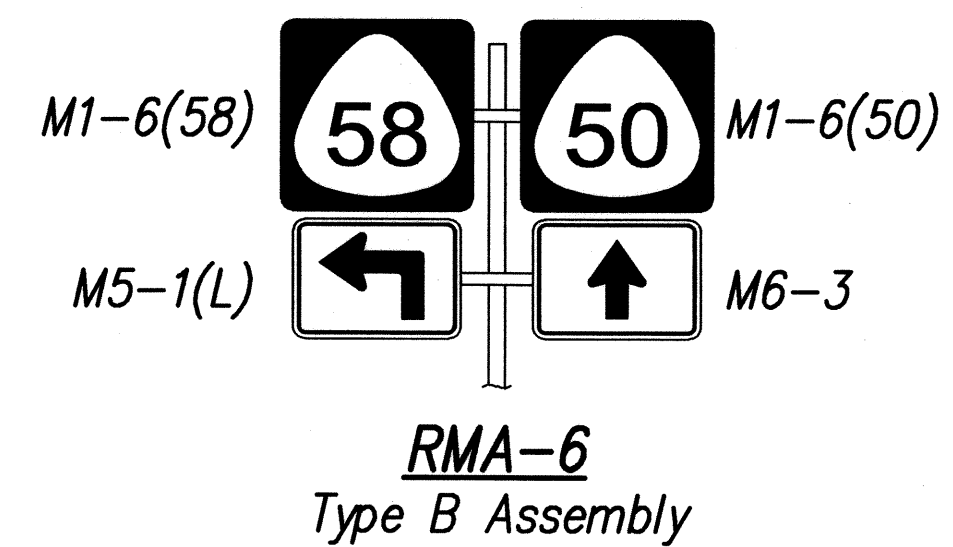
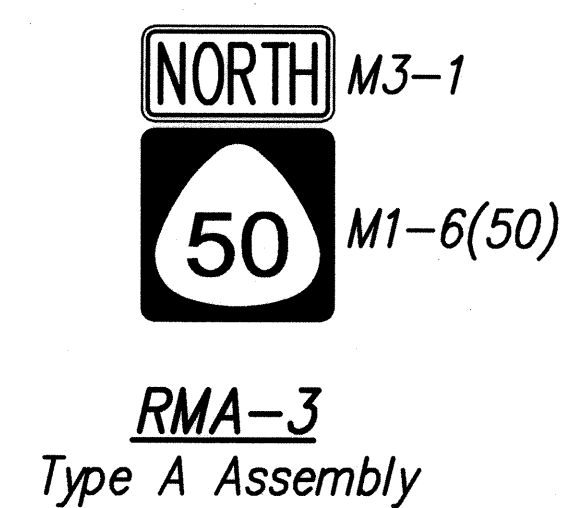
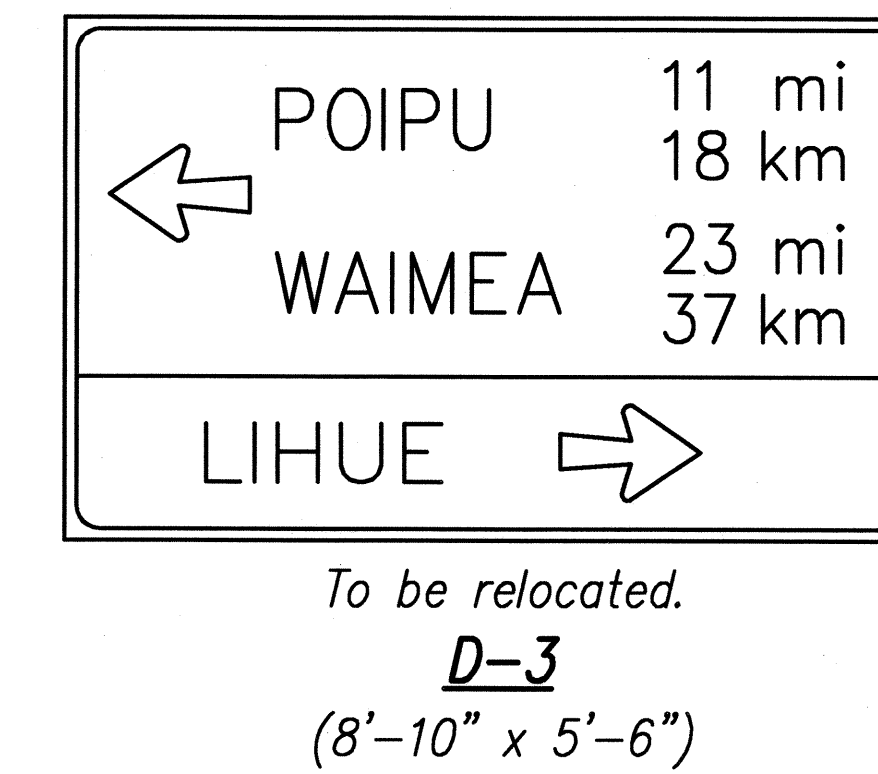
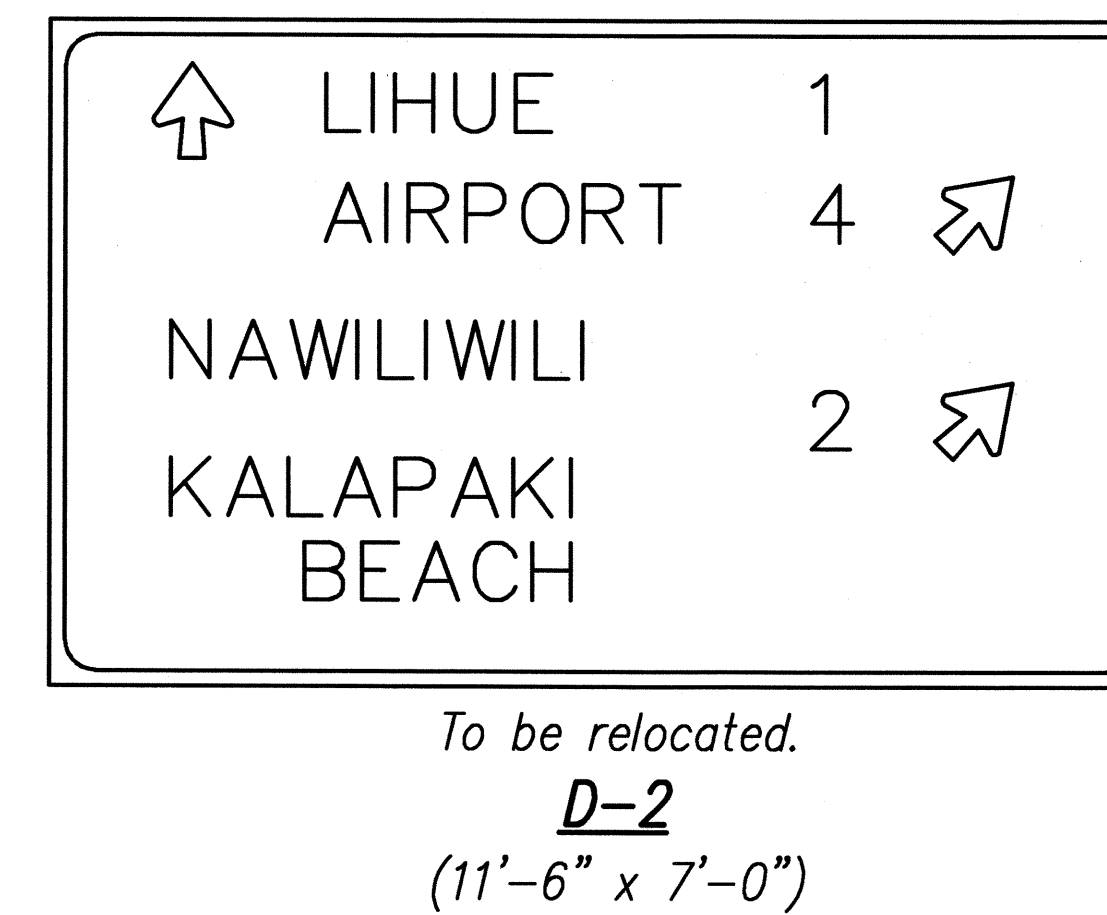
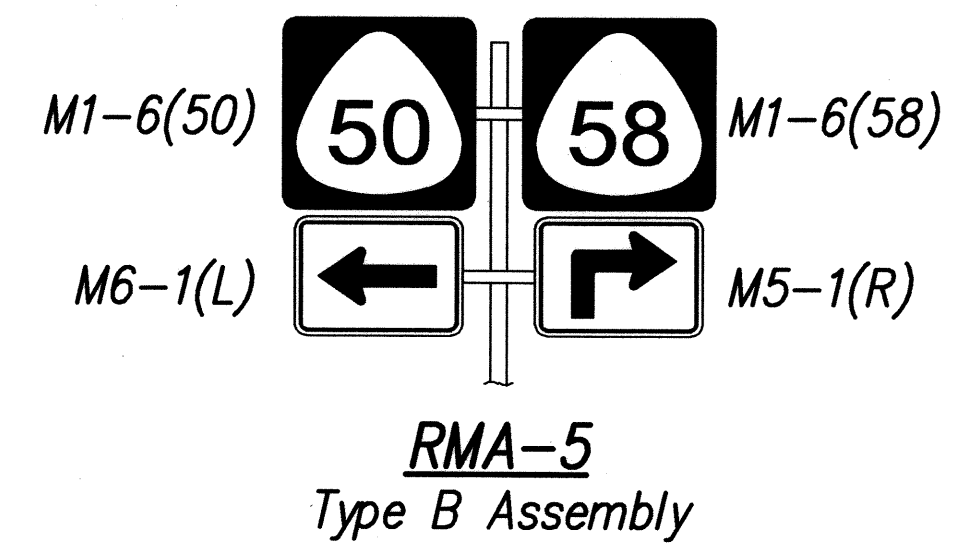
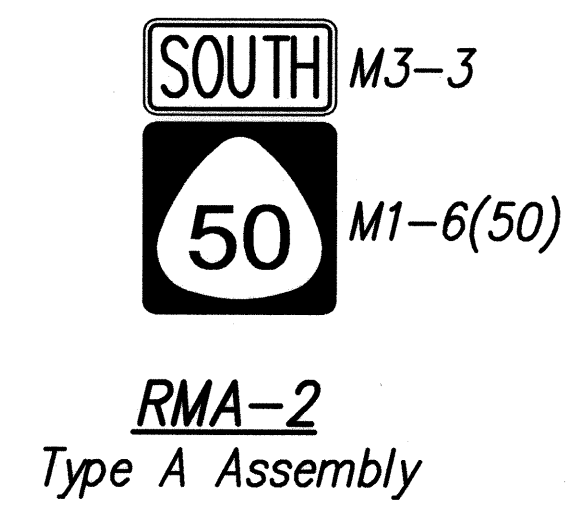
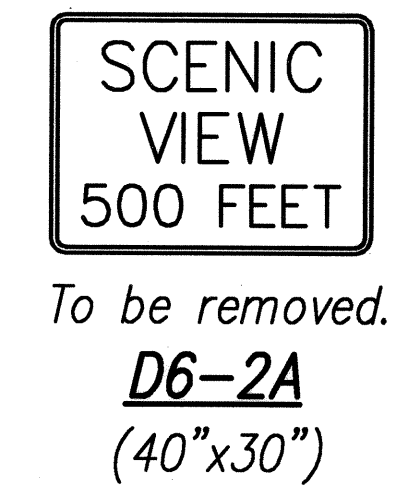
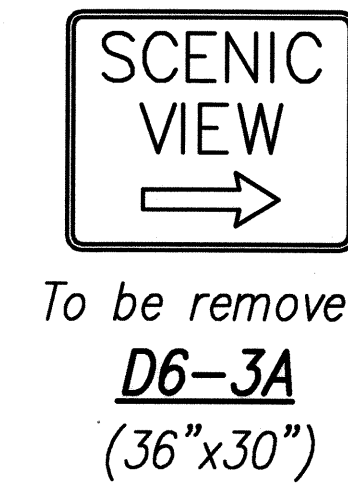
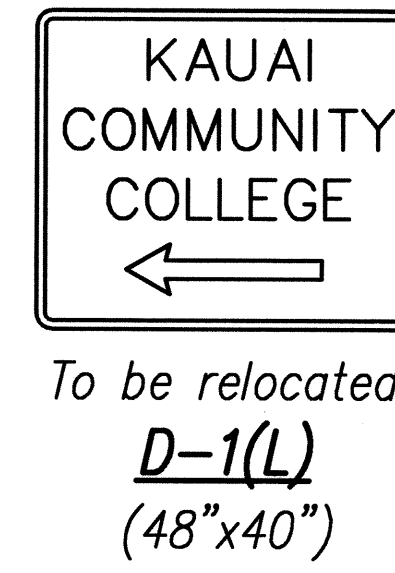
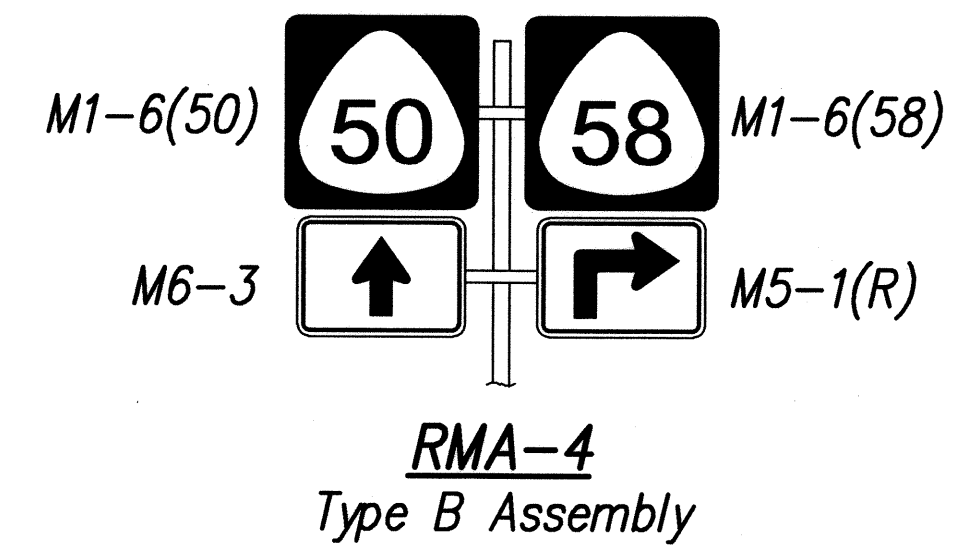
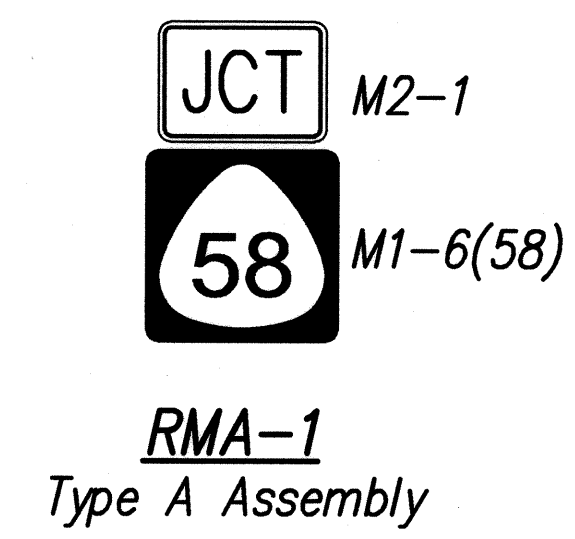
SIGN DETAILS

KAUMUALI HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: As Noted Date: FEB. 2009

SHEET No. SP24 OF SP26 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-050-1(31) | 2009 | 255 | 452 |



Relocate all existing route marker assemblies.

EXISTING ROUTE MARKER ASSEMBLIES
Scale: 1/2" = 1'-0"

EXISTING DESTINATION SIGNS
Scale: 1/2" = 1'-0"

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

LIB2 STATE DOT\KAMUALII\1\PHASE1A_REVISION\PLANS\RDINGS\SP25-SIGNAL.dwg 11/20/08



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Iweda
ForEn, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

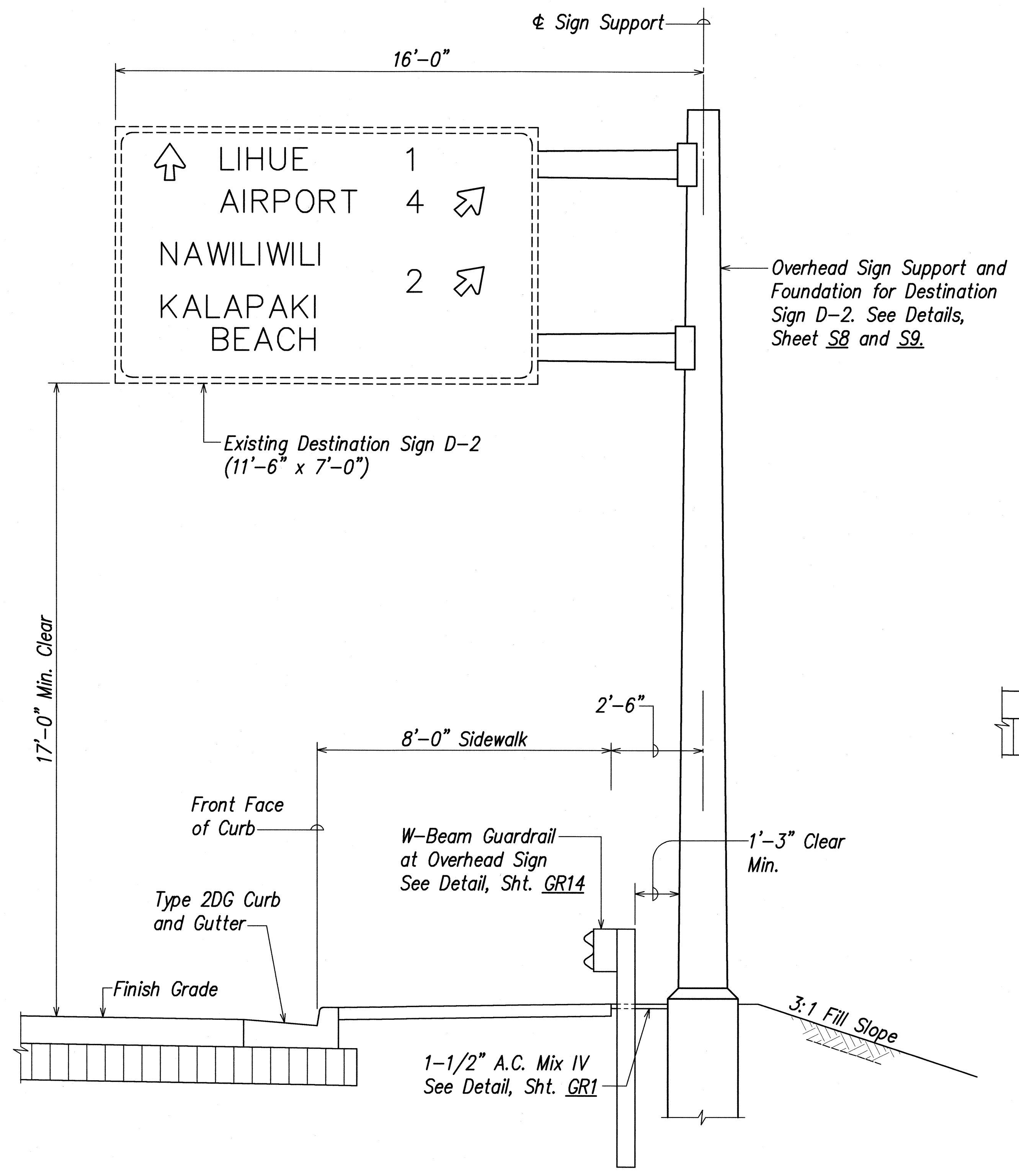
SIGN DETAILS

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

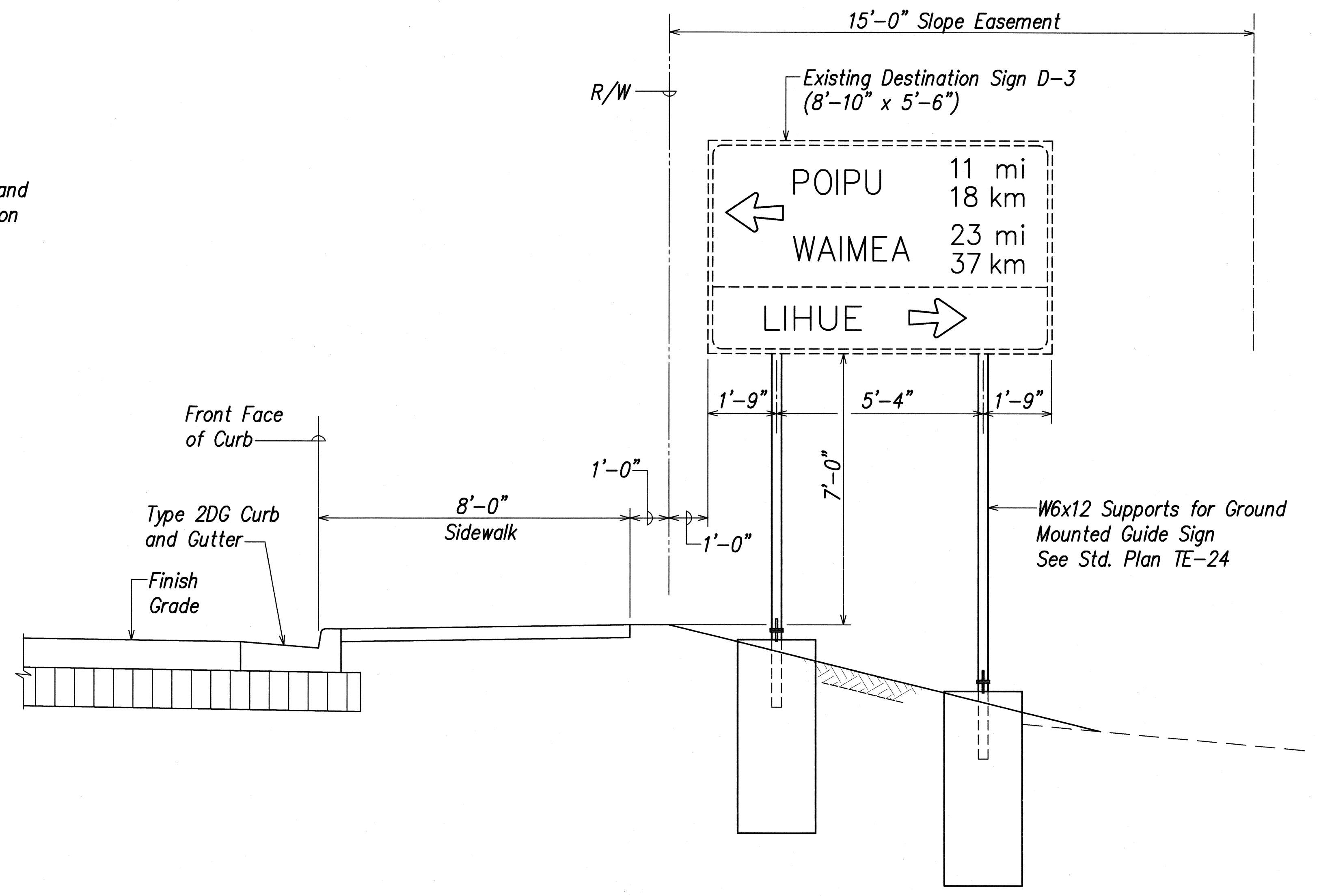
Scale: N.T.S. Date: FEB. 2009

SHEET No. SP25 OF SP26 SHEETS

| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-050-1(31) | 2009 | 256 | 452 |



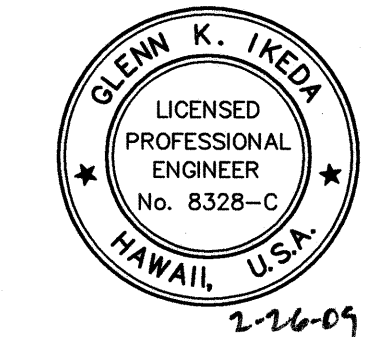
**ELEVATION OF DESTINATION SIGN D-2
AT STA. 348+50 (RT.)**
Scale: 1/2" = 1'-0"



**ELEVATION OF DESTINATION SIGN D-3
AT STA. 2+50 NAWILIWILI ROAD (LT.)**
Scale: 1/2" = 1'-0"

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

LIB: STATE DOT \ADMIN\1\PROJECTS\REVISION\PLANETS\KAWAHOE\SP26-SP28-SP29.dwg 11/20/08



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Glenn K. Ikeda
PAREX, INC.
dba PARK ENGINEERING
LICENSE EXPIRES 4-30-10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DESTINATION SIGN ELEVATIONS

KAUMUALII HIGHWAY WIDENING
Vicinity of Anonui Street to Vicinity of Lihue Mill Bridge
FEDERAL-AID PROJECT NO. NH-050-1(31)

Scale: N.T.S. Date: FEB. 2009

SHEET No. SP26 OF SP26 SHEETS