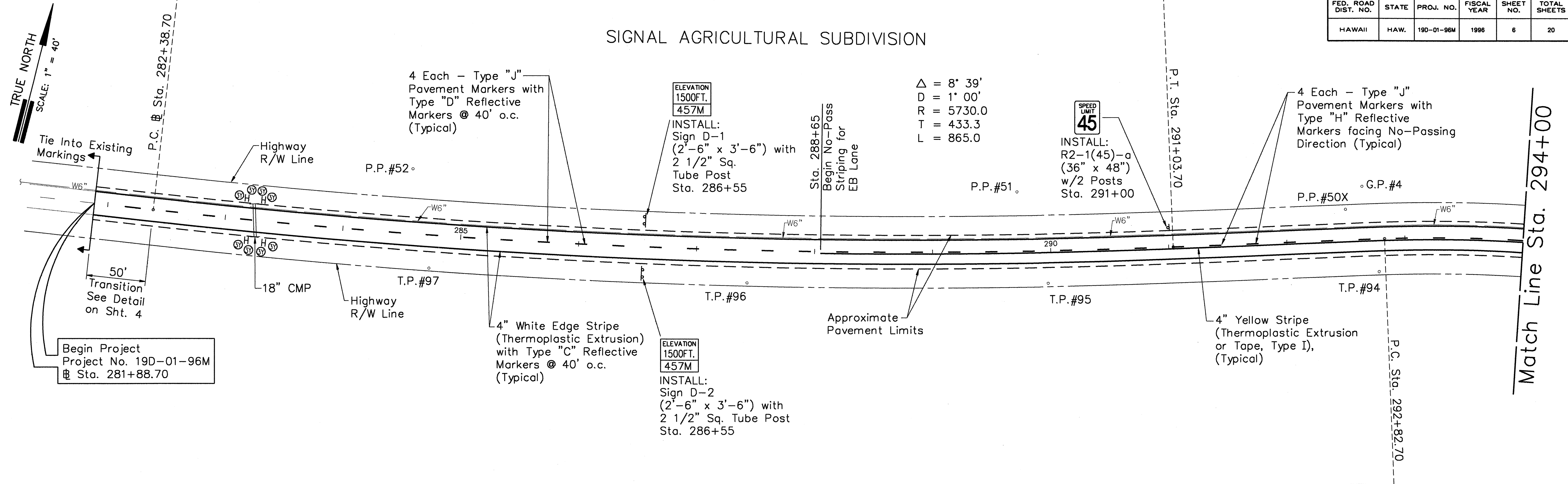
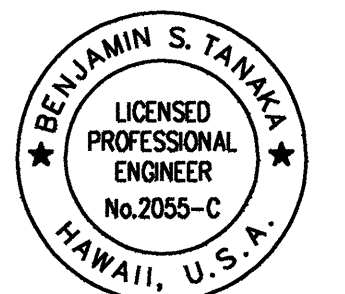
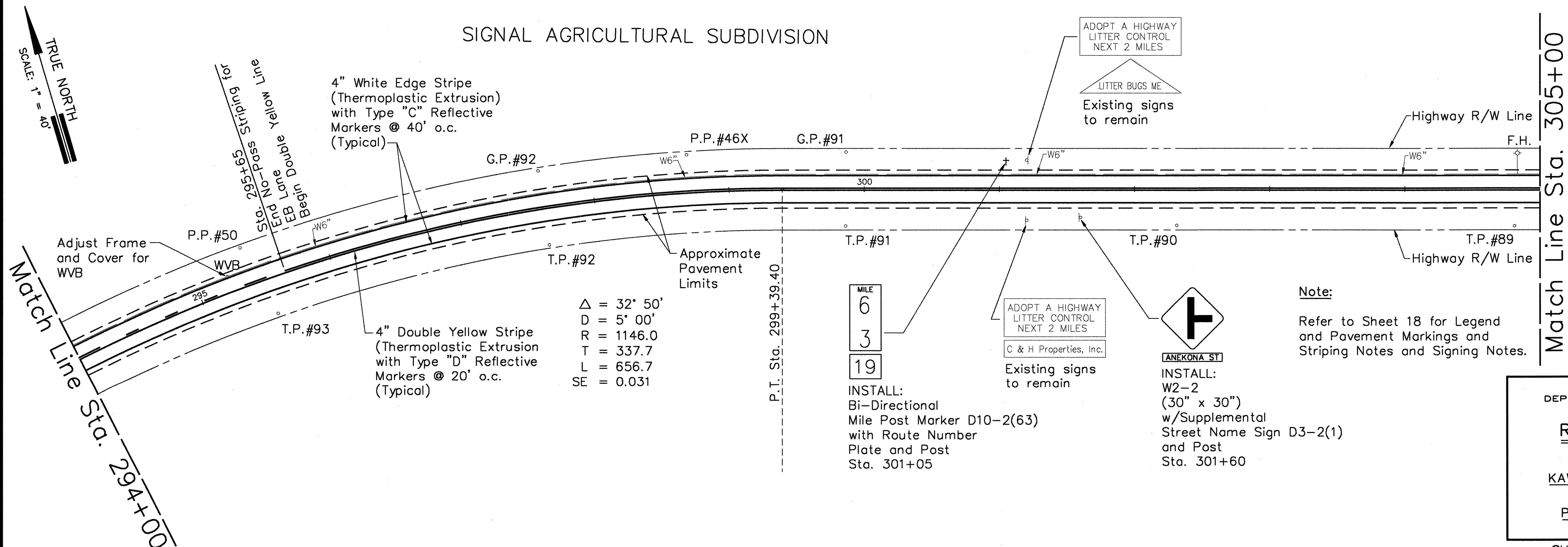


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	6	20

SIGNAL AGRICULTURAL SUBDIVISION



SIGNAL AGRICULTURAL SUBDIVISION



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Benjamin S. Tanaka

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY, STRIPING & SIGN PLAN

KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M

Date: April 1996

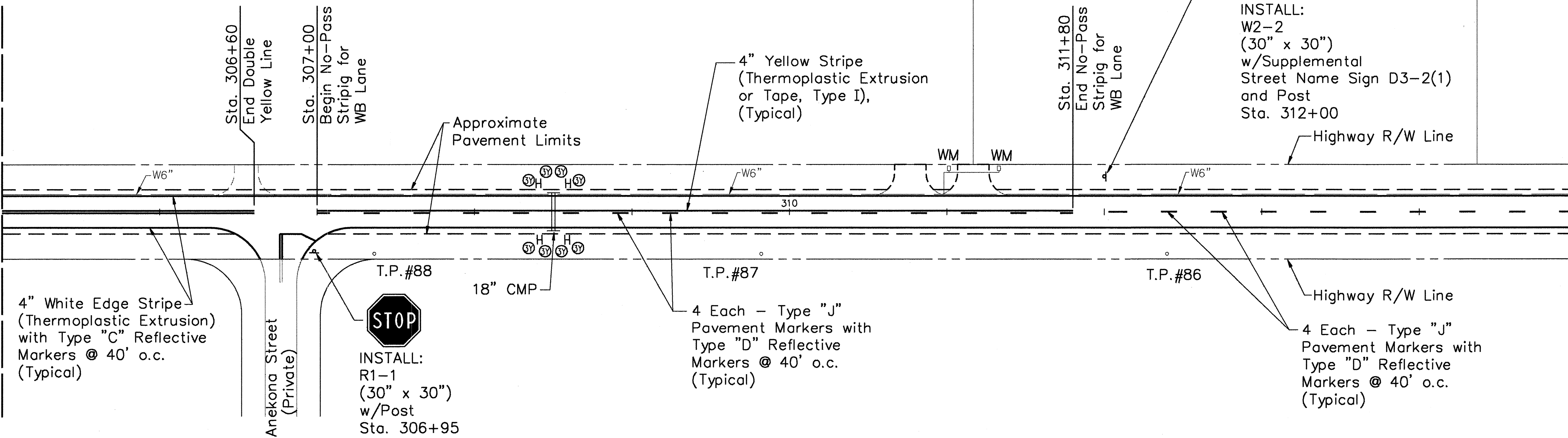
SHEET NO. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	7	20

TRUE NORTH
SCALE: 1" = 40'

SIGNAL AGRICULTURAL SUBDIVISION

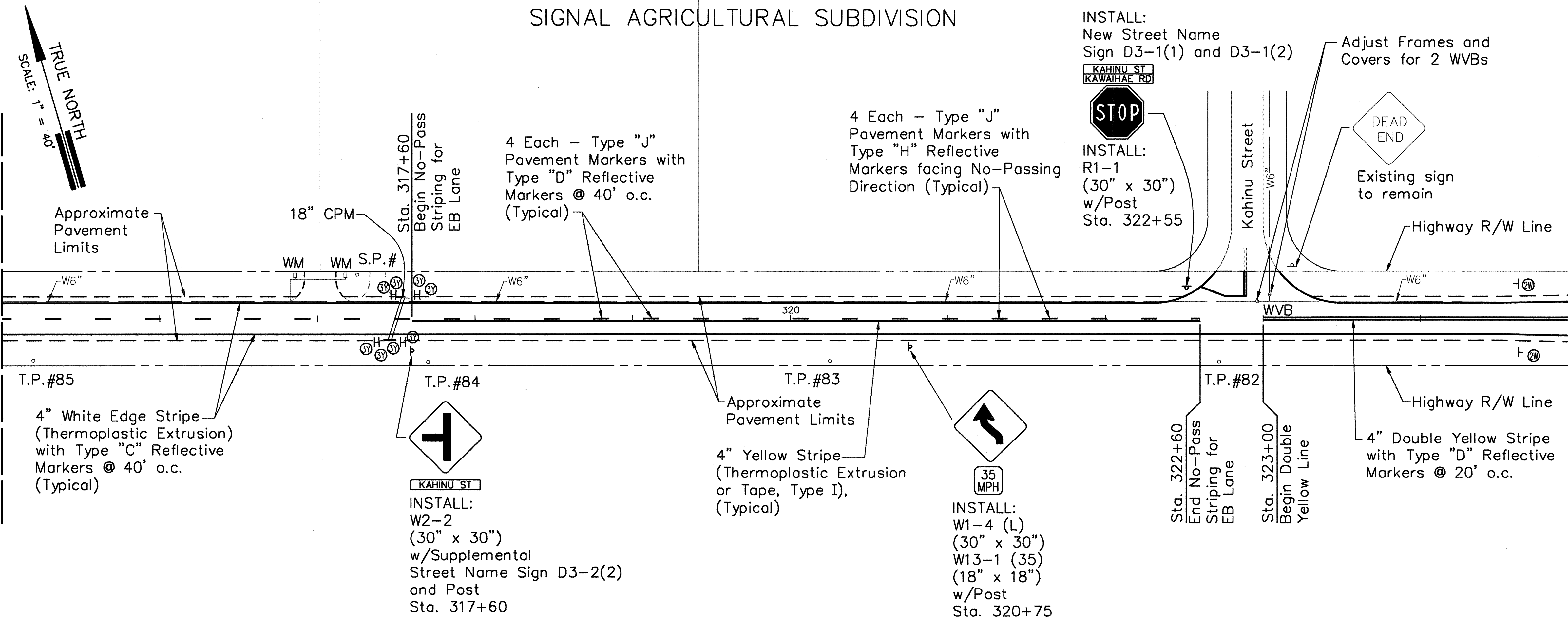
Match Line Sta. 305+00



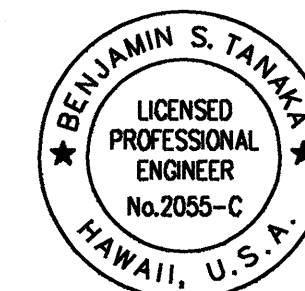
Match Line Sta. 315+00

SIGNAL AGRICULTURAL SUBDIVISION

Match Line Sta. 315+00



Match Line Sta. 325+00



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY, STRIPING & SIGN PLAN

KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M

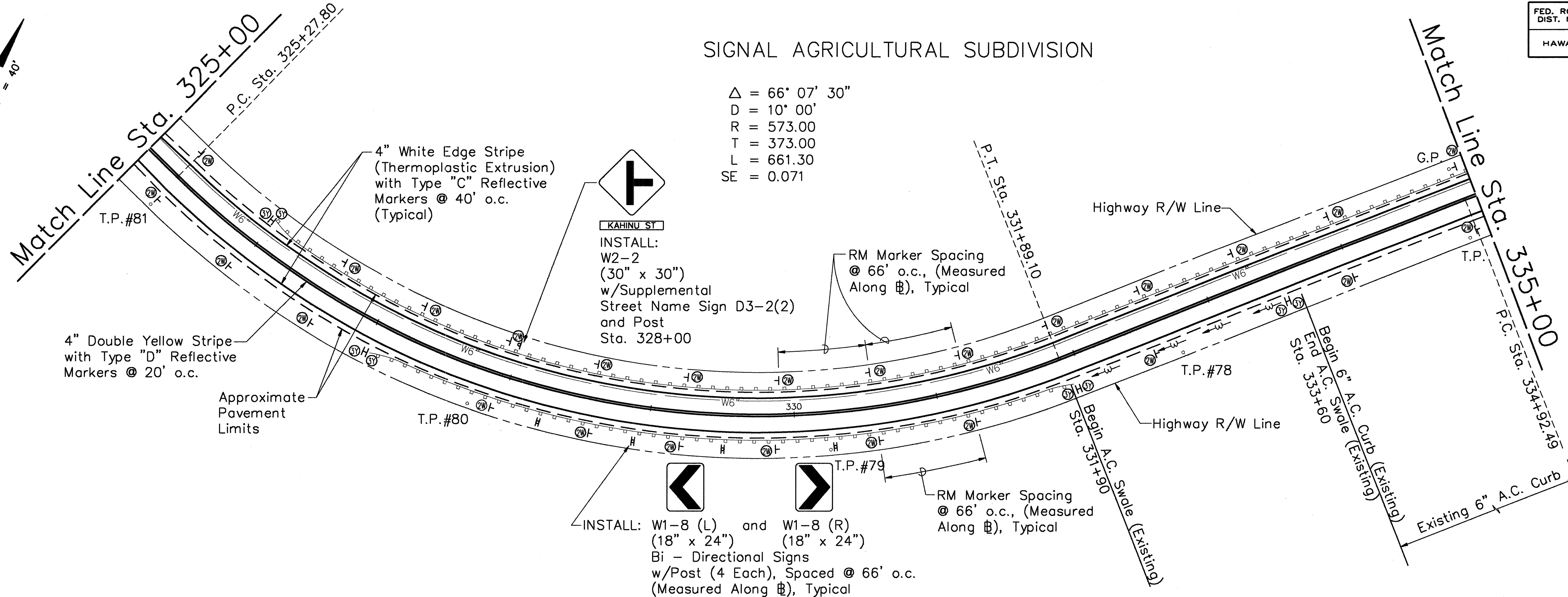
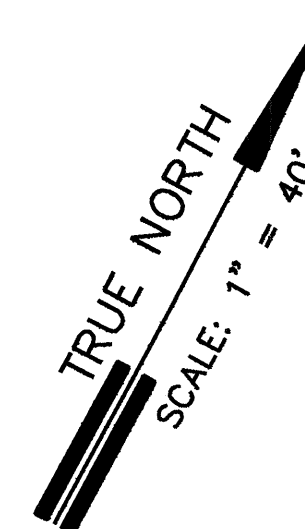
Date: April 1996

SHEET NO. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190-01-96M	1996	8	20

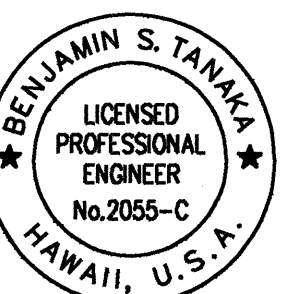
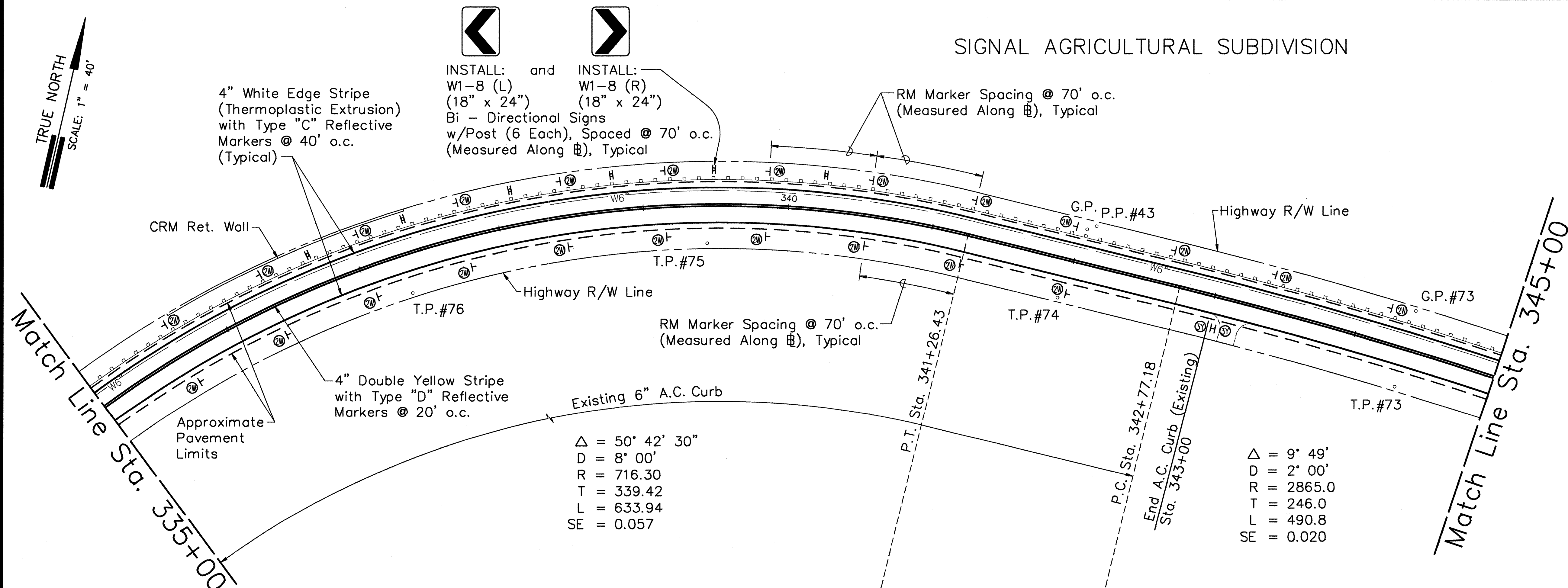
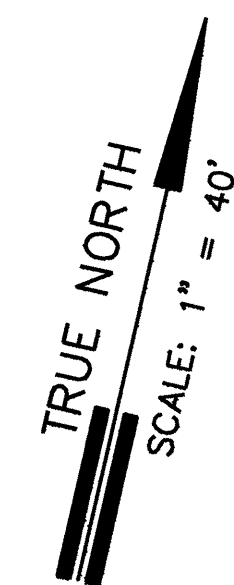
SIGNAL AGRICULTURAL SUBDIVISION

$\Delta = 66^\circ 07' 30''$
 $D = 10^\circ 00'$
 $R = 573.00$
 $T = 373.00$
 $L = 661.30$
 $SE = 0.071$



SIGNAL AGRICULTURAL SUBDIVISION

INSTALL: W1-8 (L) and W1-8 (R) (18" x 24") (18" x 24")
 Bi - Directional Signs w/Post (6 Each), Spaced @ 70' o.c. (Measured Along $\mathbb{H}$), Typical



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

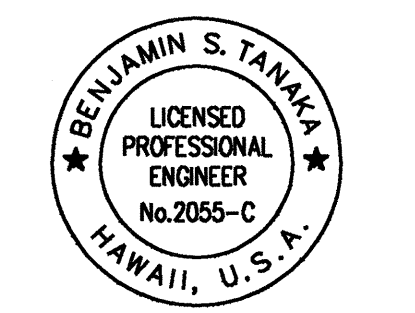
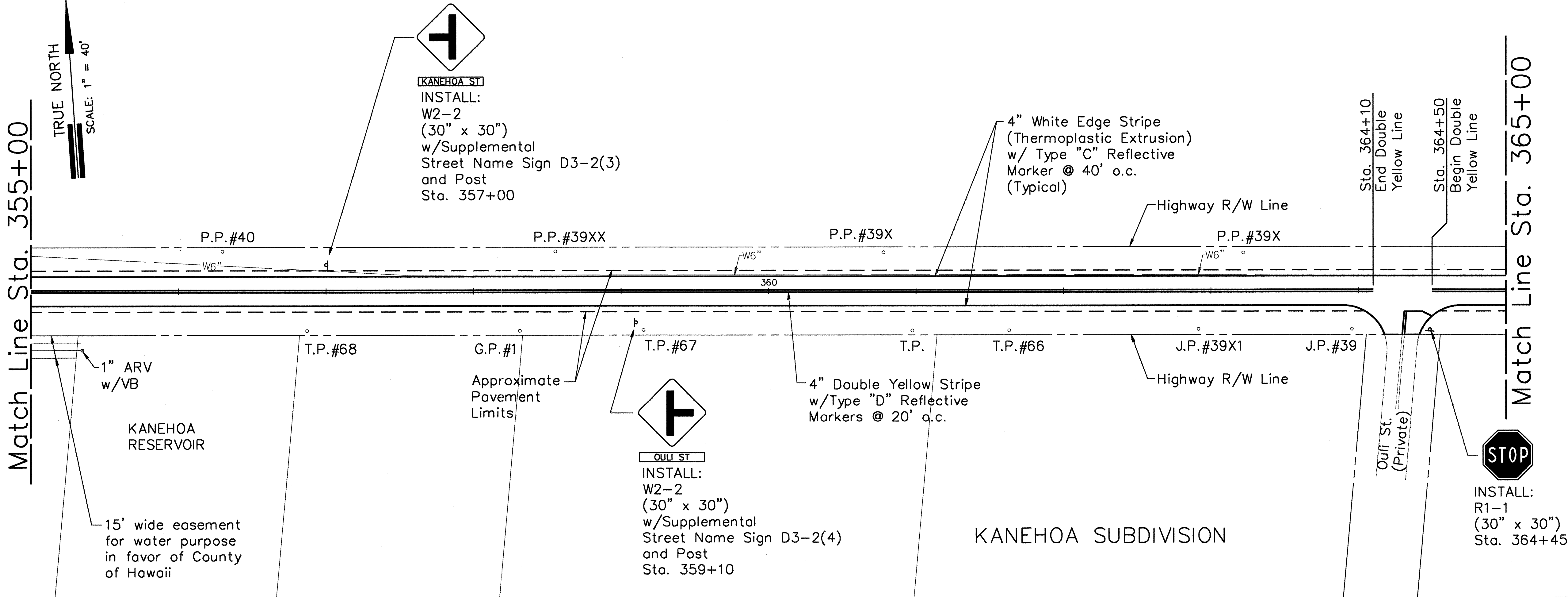
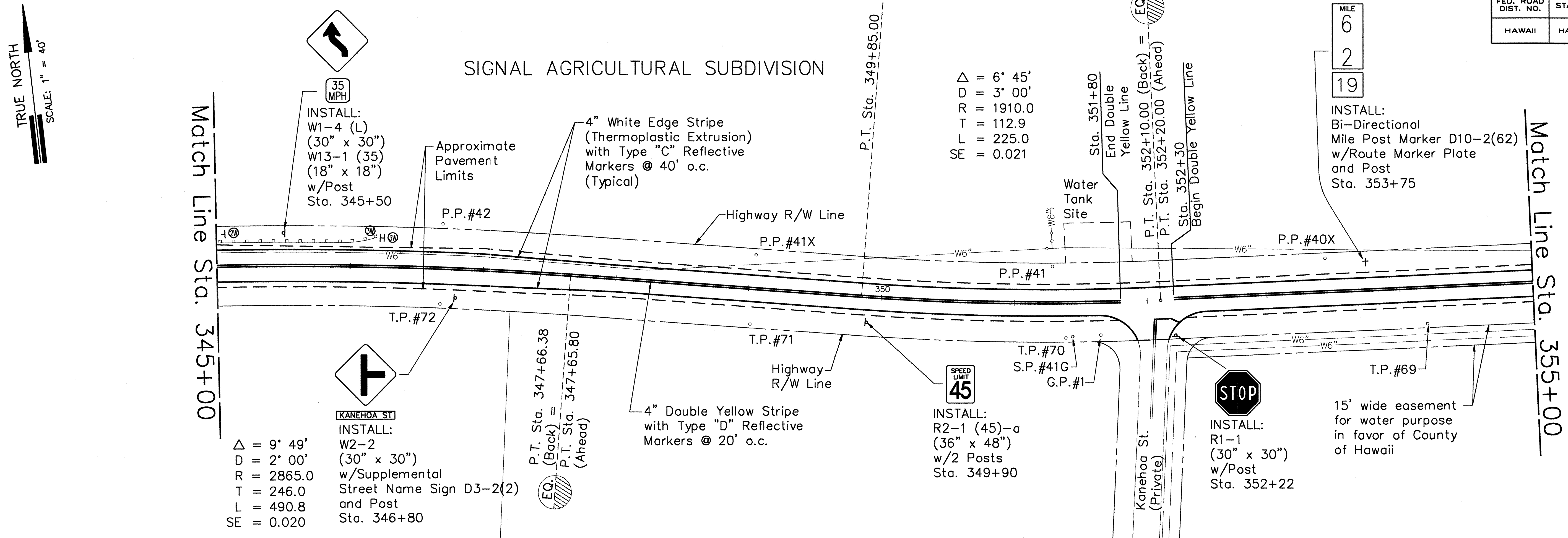
ROADWAY, STRIPING & SIGN PLAN

KAWAIHAE ROAD RESURFACING
 MP 58.97 TO MP 63.30
 PROJECT NO. 190-01-96M

Date: April 1996

SHEET NO. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	9	20

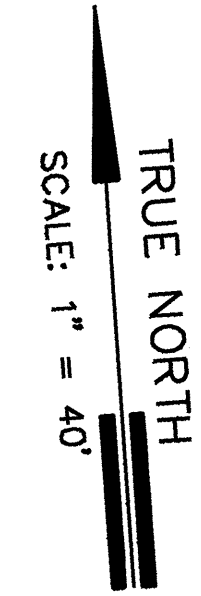


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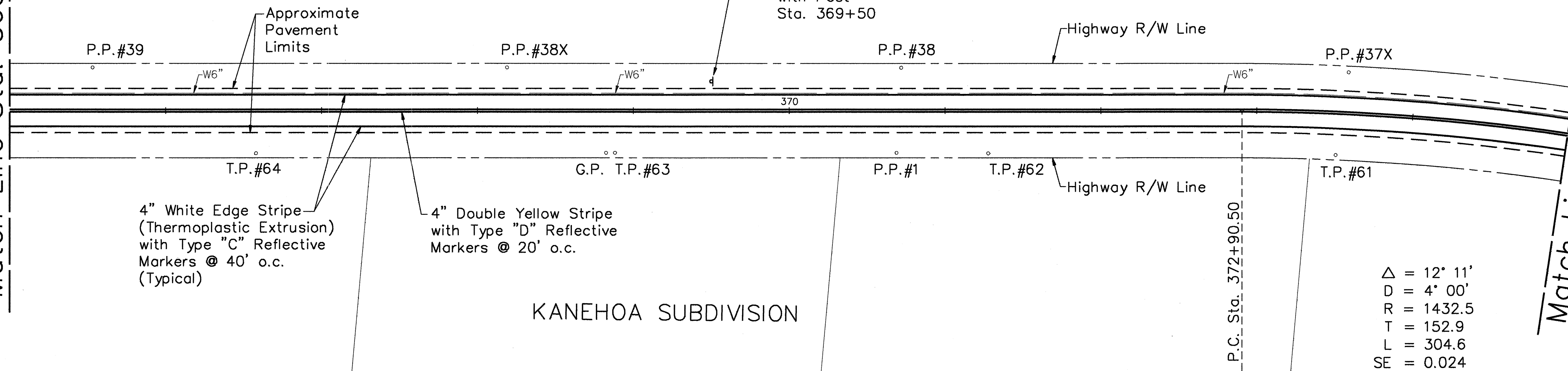
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**ROADWAY, STRIPING
& SIGN PLAN**
KAWAIIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996
SHEET NO. 4 OF 12 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	10	20



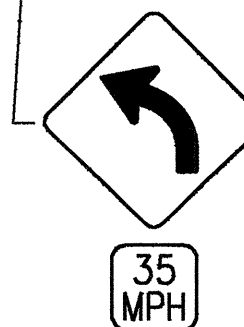
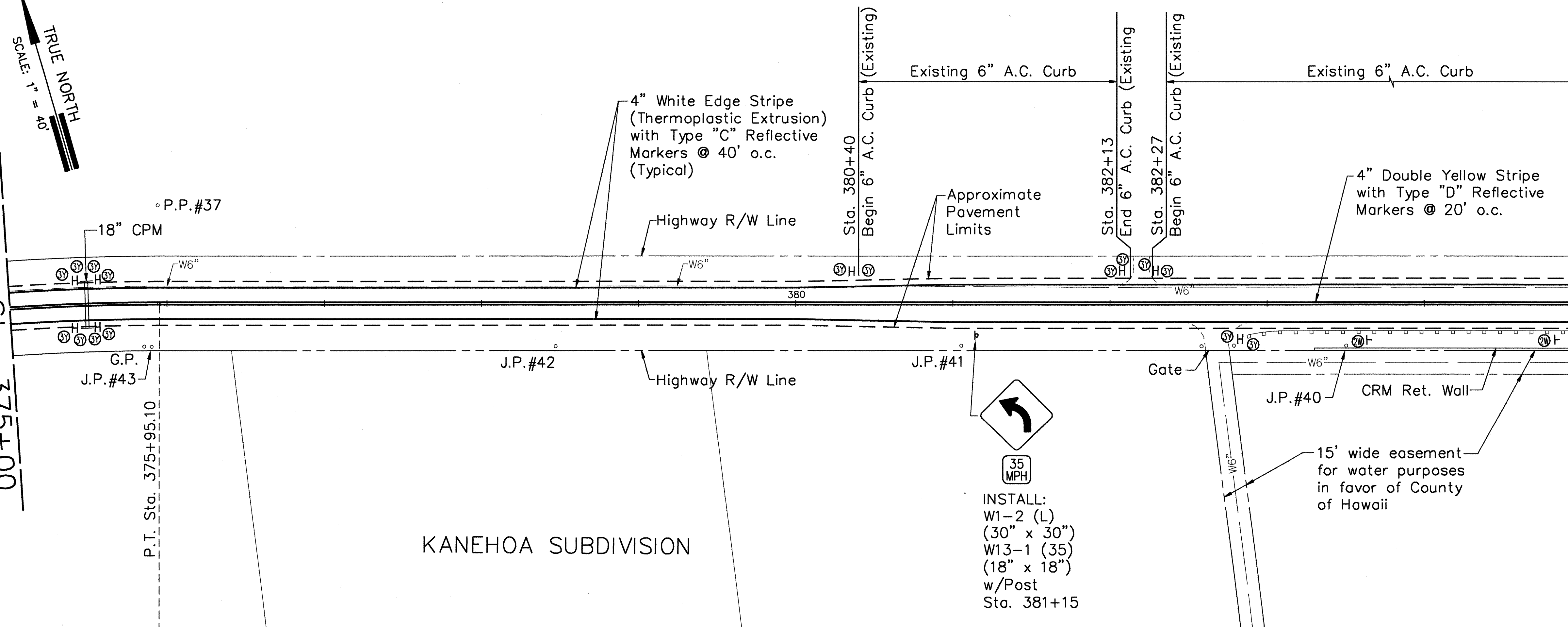
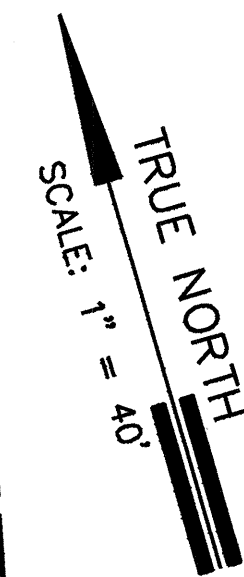
Match Line Sta. 365+00



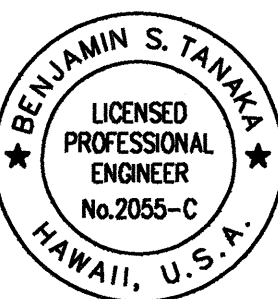
$\Delta = 12^\circ 11'$
 $D = 4^\circ 00'$
 $R = 1432.5$
 $T = 152.9$
 $L = 304.6$
 $SE = 0.024$

Match Line Sta. 375+00

Match Line Sta. 375+00



INSTALL:
 W1-2 (L)
 (30" x 30")
 W13-1 (35)
 (18" x 18")
 w/Post
 Sta. 381+15



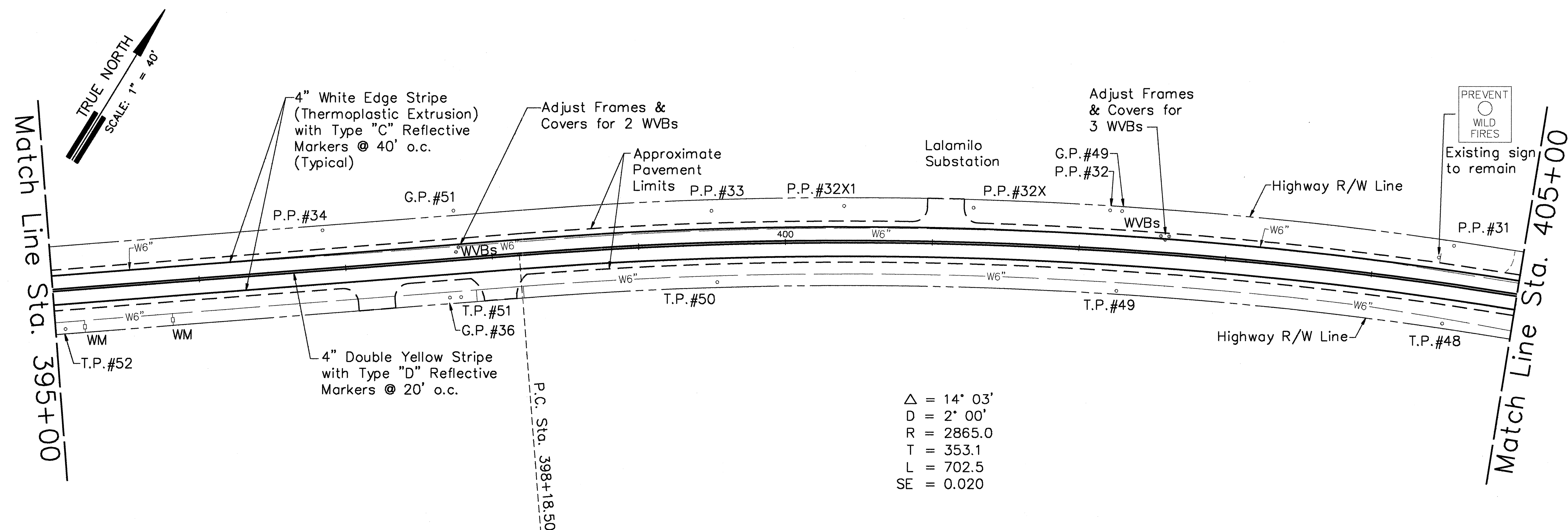
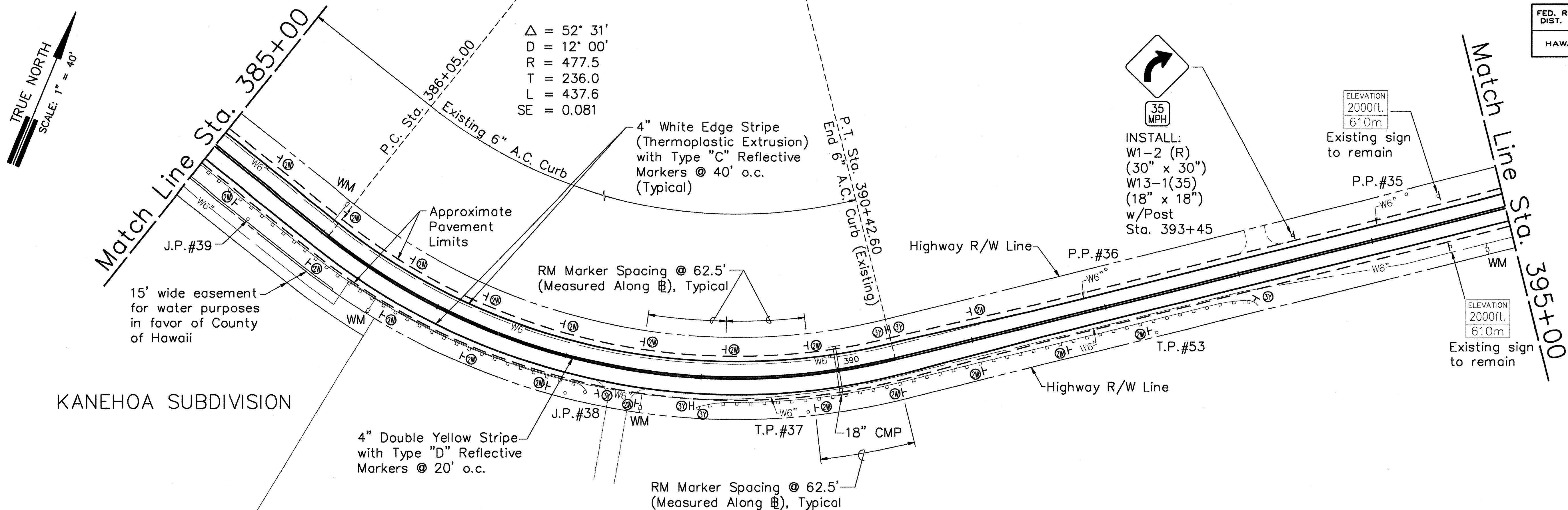
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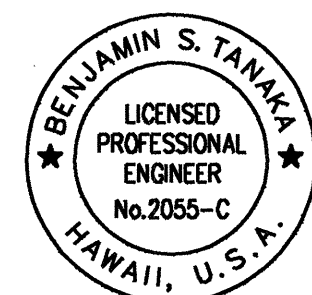
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY, STRIPING
& SIGN PLAN**
KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	11	20



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



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY, STRIPING & SIGN PLAN

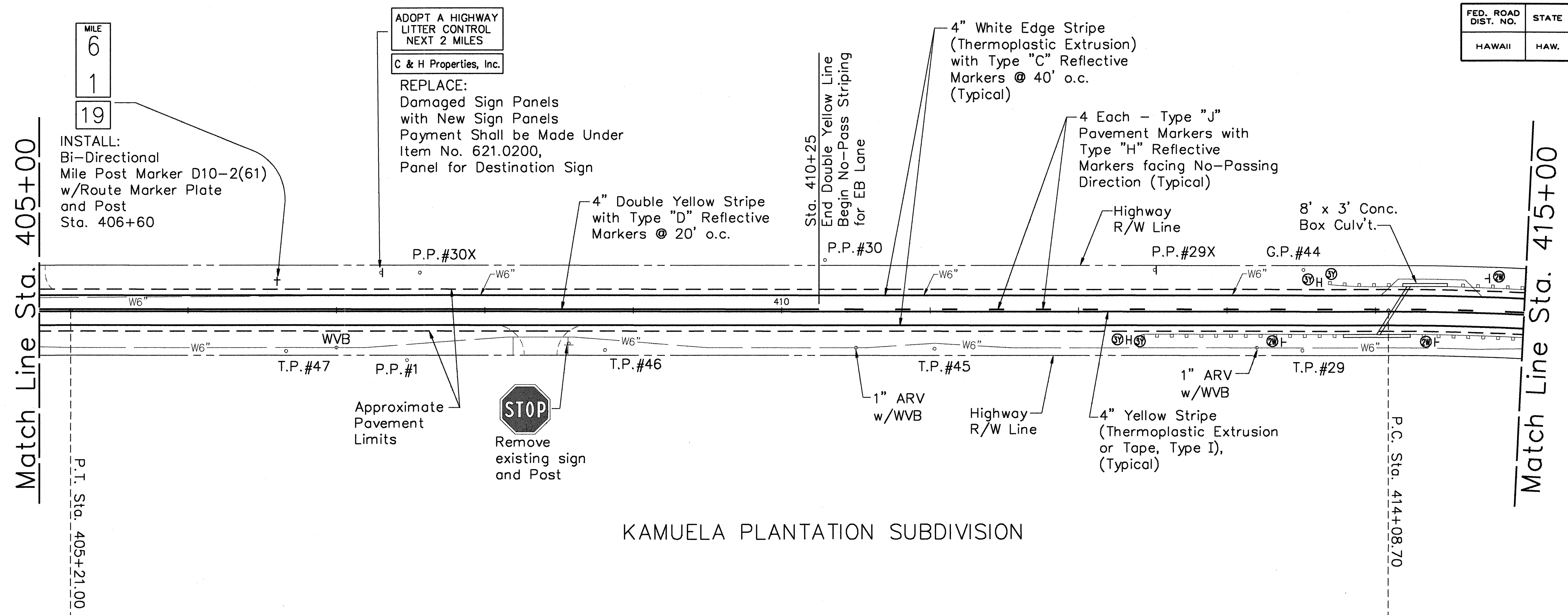
KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M

Date: April 1996

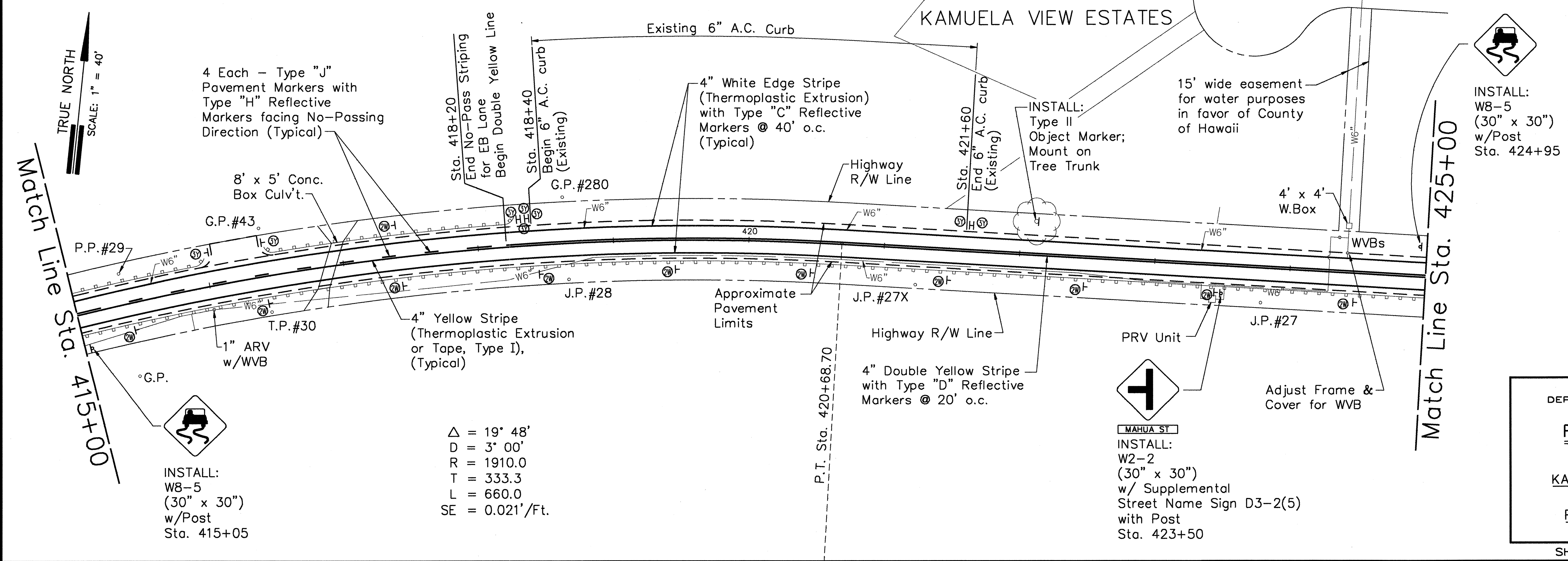
SHEET NO. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	17	20

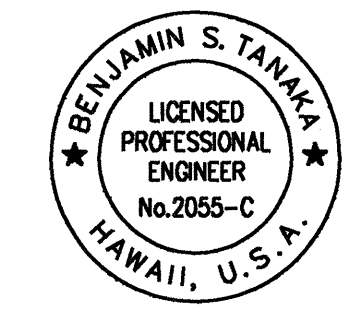
TRUE NORTH
SCALE: 1" = 40'



KAMUELA PLANTATION SUBDIVISION



$\Delta = 19^\circ 48'$
 $D = 3^\circ 00'$
 $R = 1910.0$
 $T = 333.3$
 $L = 660.0$
 $SE = 0.021'/\text{Ft.}$



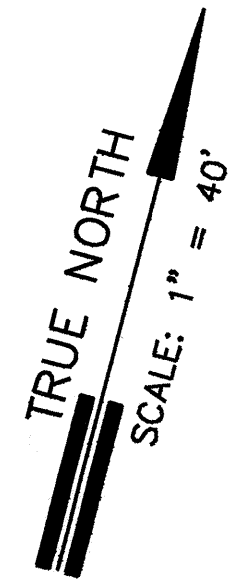
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

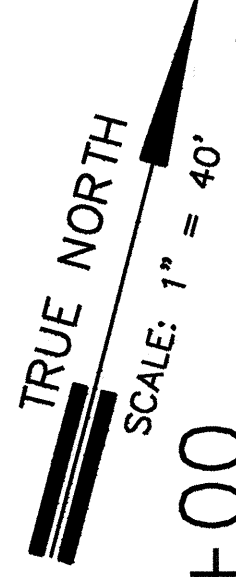
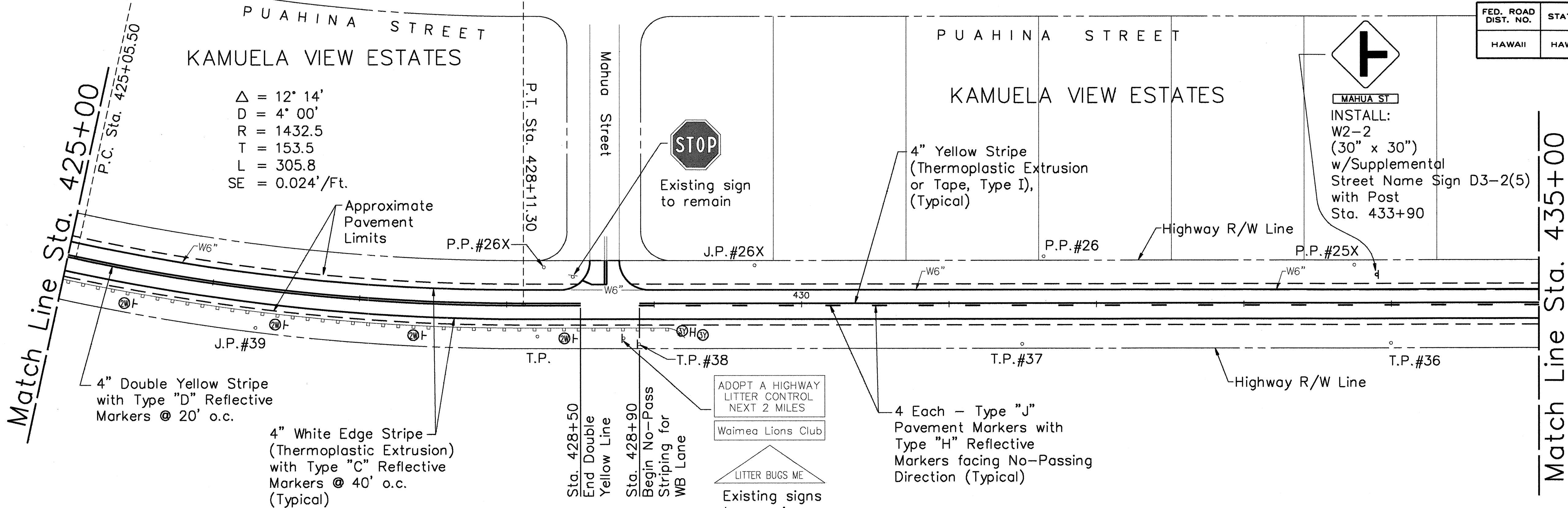
**ROADWAY, STRIPING
& SIGN PLAN**

KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996
SHEET NO. 7 OF 12 SHEETS

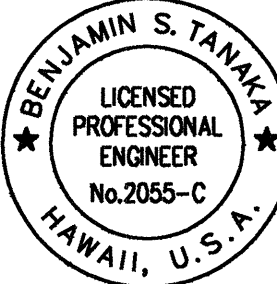
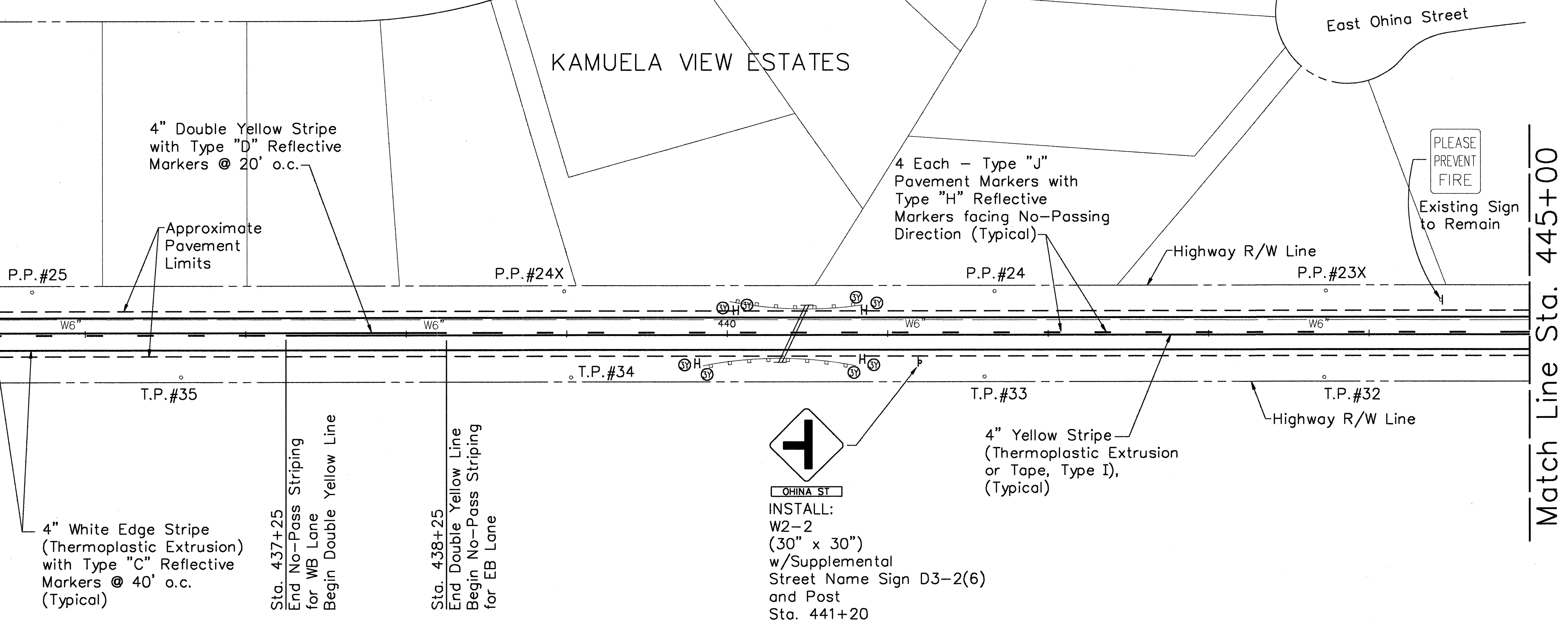
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTED BY	
NO.	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190-01-96M	1996	13	20



Match Line Sta. 435+00



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY, STRIPING
& SIGN PLAN**

KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996

SHEET NO. 8 OF 12 SHEETS

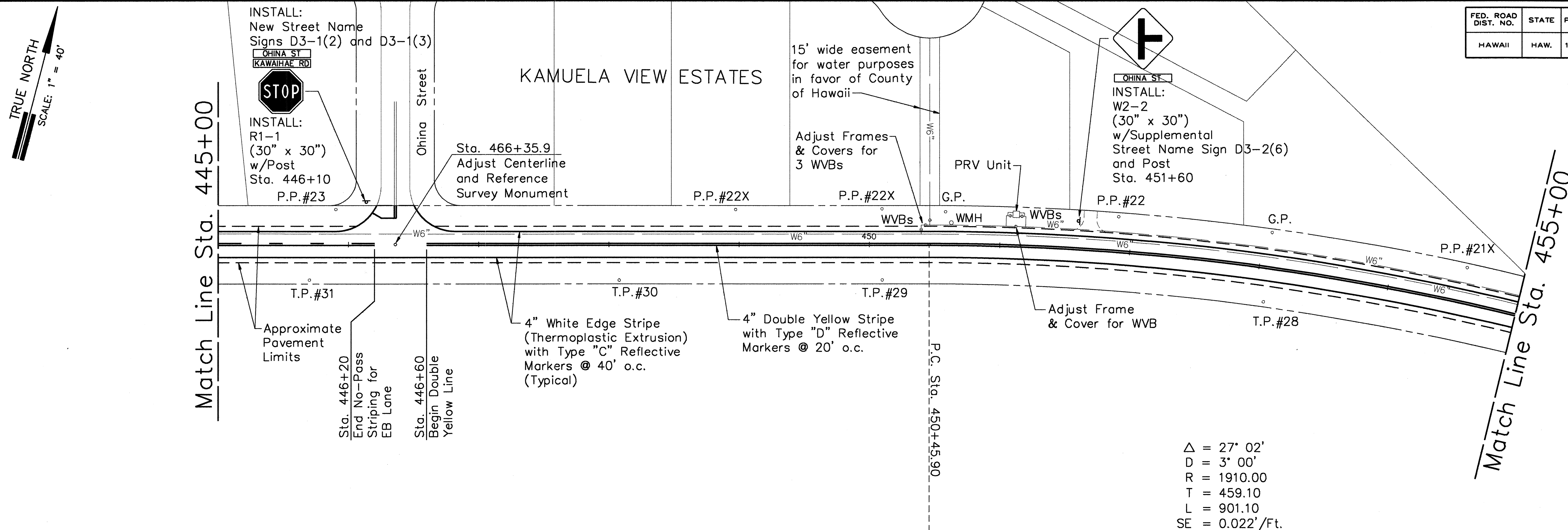
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN

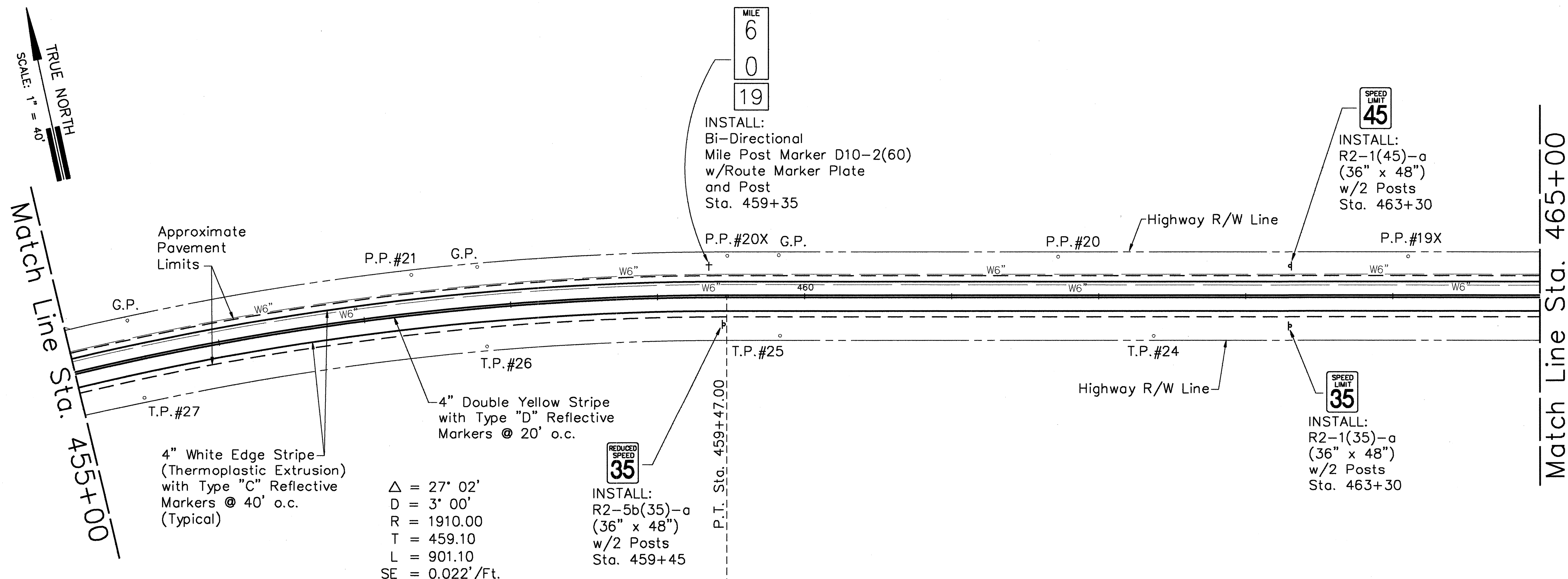
NOTEBOOK

No.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	14	20



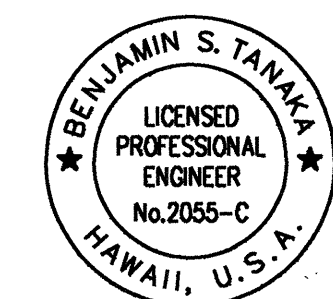
$\Delta = 27^\circ 02'$
 $D = 3^\circ 00'$
 $R = 1910.00$
 $T = 459.10$
 $L = 901.10$
 $SE = 0.022' / Ft.$



INSTALL:
 Bi-Directional
 Mile Post Marker D10-2(60)
 w/Route Marker Plate
 and Post
 Sta. 459+35
 P.P.#20X G.P.

INSTALL:
 R2-1(45)-a
 (36" x 48")
 w/2 Posts
 Sta. 463+30
 P.P.#19X

INSTALL:
 R2-1(35)-a
 (36" x 48")
 w/2 Posts
 Sta. 463+30



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

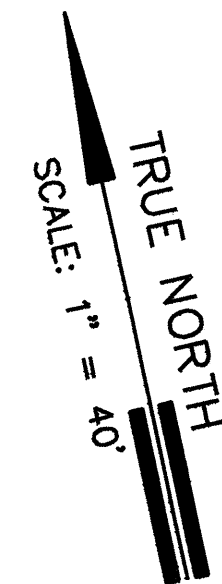
ROADWAY, STRIPING & SIGN PLAN

KAWAIHAE ROAD RESURFACING
 MP 58.97 TO MP 63.30
 PROJECT NO. 19D-01-96M

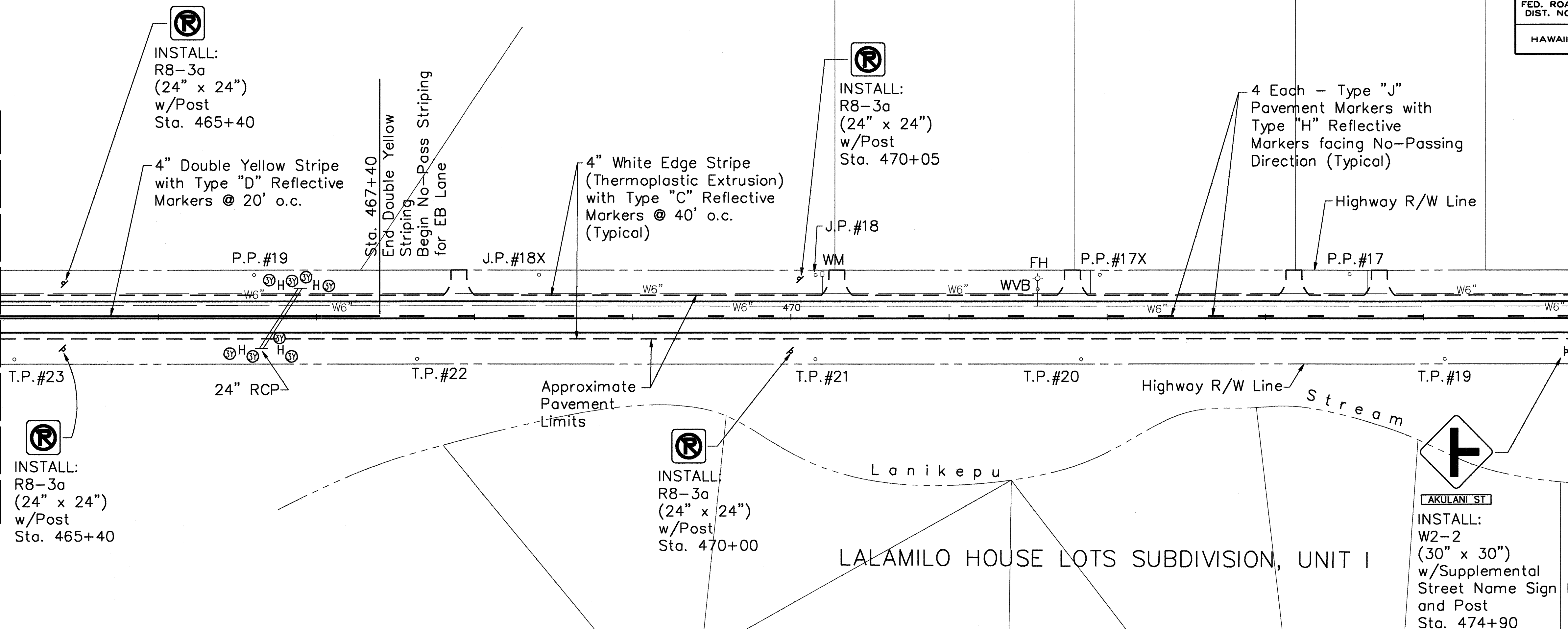
Date: April 1996

SHEET NO. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	15	20

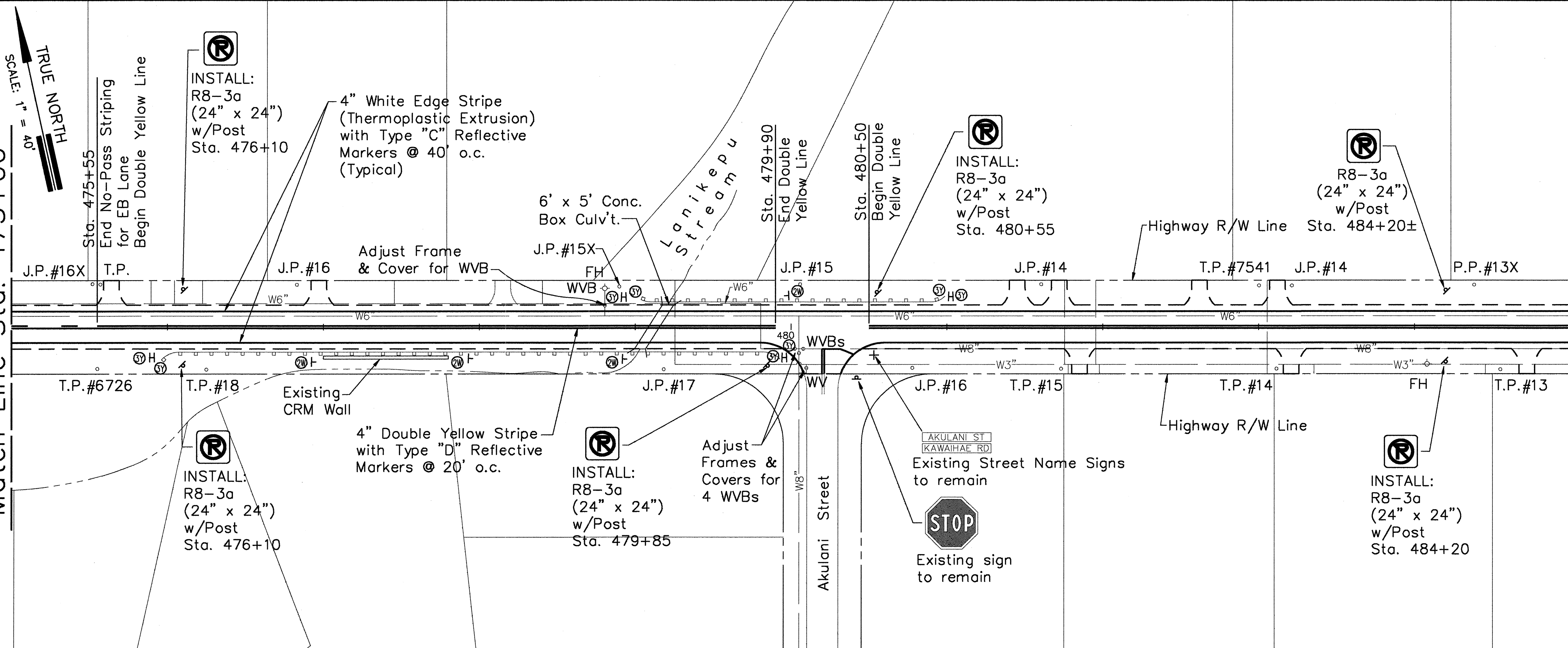


Match Line Sta. 465+00



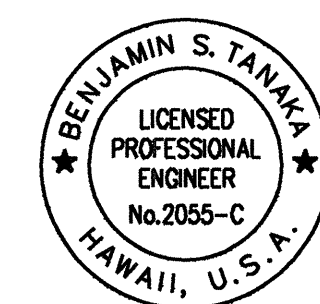
Match Line Sta. 475+00

Match Line Sta. 475+00



Match Line Sta. 485+00

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



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Benjamin S. Tanaka

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY, STRIPING
& SIGN PLAN**

KAWAIIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996

SHEET NO. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190-01-96M	1996	16	20

TRUE NORTH
SCALE: 1" = 40'

Match Line Sta. 485+00

AKULANI ST
INSTALL:
W2-2
(30" x 30")
w/Supplemental
Street Name Sign D3-2(7)
and Post
Sta. 485+50

Approximate
Pavement
Limits

4" Double Yellow Stripe
with Type "D" Reflective
Markers @ 20' o.c.

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 489+85

Adjust Frames
& Covers for
3 WVBs

Highway
R/W Line

Adjust Frame
& Cover for WMH

NO
PARKING
ANY
TIME
Existing
sign to
remain

$\Delta = 37^{\circ} 58'$
 $D = 6^{\circ} 00'$
 $R = 955.0$
 $T = 328.7$
 $L = 632.8$
 $SE = 0.040'/Ft.$

Match Line Sta. 495+00

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 494+90

4" White Edge Stripe
(Thermoplastic Extrusion)
with Type "C" Reflective
Markers @ 40' o.c.
(Typical)

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 489+85

Highway R/W Line

Conc.
Driveway

$\Delta = 37^{\circ} 58'$
 $D = 6^{\circ} 00'$
 $R = 955.0$
 $T = 328.7$
 $L = 632.8$
 $SE = 0.040'/Ft.$

4" White Edge Stripe
(Thermoplastic Extrusion)
with Type "C" Reflective
Markers @ 40' o.c.
(Typical)

4" Double Yellow Stripe
with Type "D" Reflective
Markers @ 20' o.c.

INSTALL:
R2-1(35)-a
(36" x 48")
w/2 Posts
Sta. 500+10

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 499+85

8" White Edge Stripe
(Thermoplastic Extrusion)
with Type "C" Reflective
Markers @ 40' o.c.
(Typical)

INSTALL:
New Street Name
Sign D3-1(4)
WAI'AKA ST

INSTALL:
R1-1
(30" x 30")
Sta. 501+25
J.P.

Adjust Frame &
Cover for WVB

Existing sign
to remain

Adjust
Frame
& Cover
for WVB

INSTALL:
W11-2
(30" x 30")
w/Post
Sta. 504+50

8" White Edge Stripe
(Thermoplastic Extrusion)
with Type "C" Reflective
Markers @ 40' o.c. (Typical)

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 505+00

Match Line Sta. 505+00

End of Proj. NRH IIC
Sta. 504+71.50

WAI'AKA ST

INSTALL:
W2-2
(30" x 30")
w/Supplemental
Street Name Sign-D3-2(8)
and Post
Sta. 496+20

Approximate
Pavement
Limits

Adjust Frame
and Cover
for WVB

INSTALL:
R2-1(25)-a
(36" x 48")
w/2 Posts
Sta. 500+10

INSTALL:
R8-3a
(24" x 24")
w/Post
Sta. 499+85

INSTALL:
W5-2
(30" x 30")
w/ Post
Sta. 500+65

INSTALL:
Route Marker
Sign w/Type
"A" Assembly
Sta. 501+85

Existing sign
to remain

Existing sign
to remain

INSTALL:
Sign D-3
(4'-0" x 8'-0")
w/2-S4 x 7.7 Breakaway
Posts and Foundations
Sta. 502+45

INSTALL:
W2-5-a
(36" x 36")
w/o Post
Sta. 503+55
Mount on Existing
Signal Standard

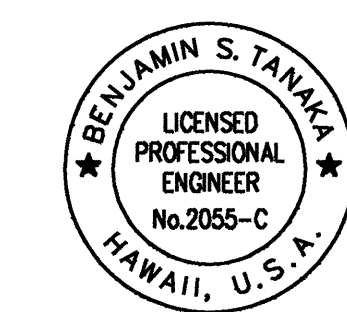
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY, STRIPING
& SIGN PLAN

KAWAIIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 190-01-96M

Date: April 1996

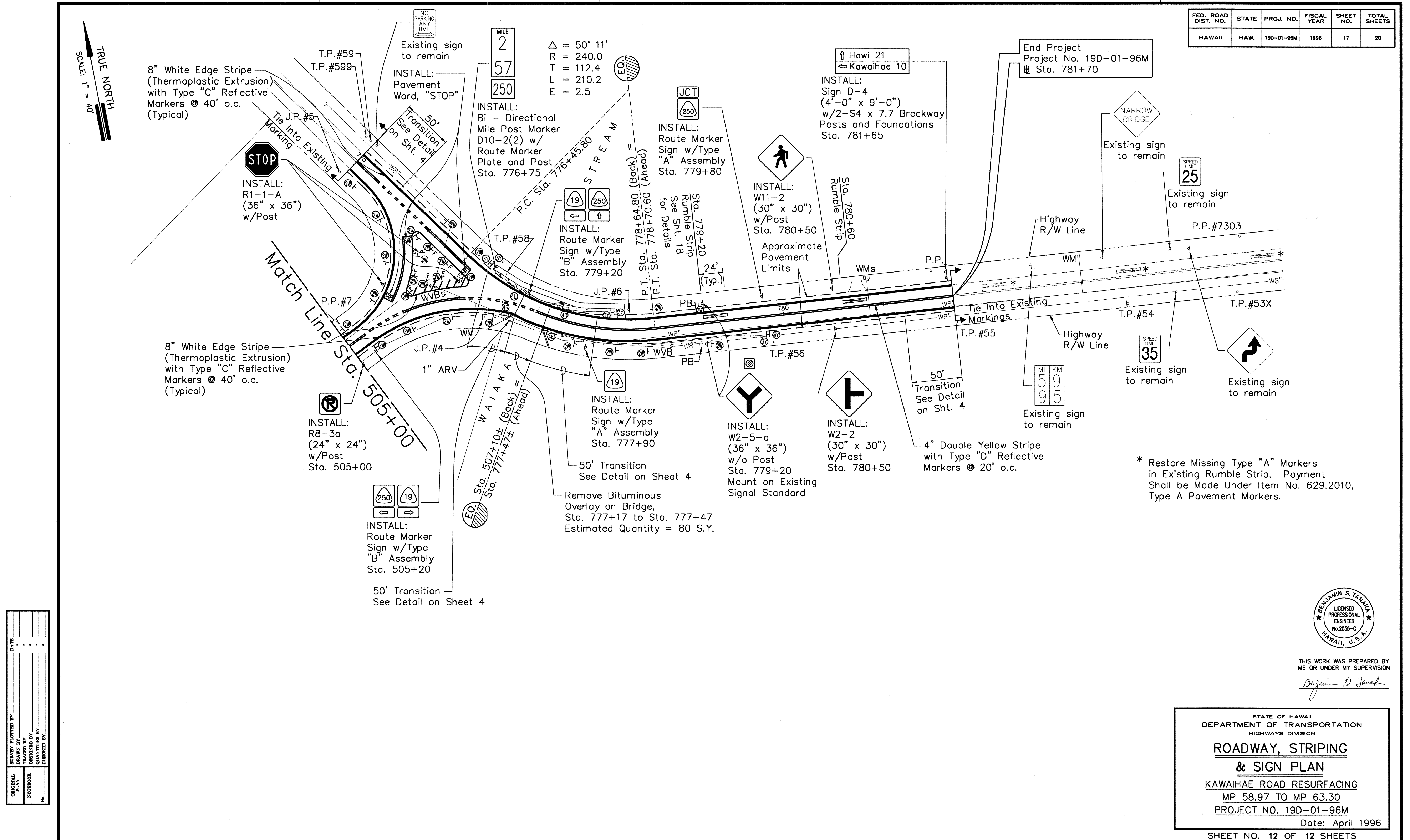
SHEET NO. 11 OF 12 SHEETS



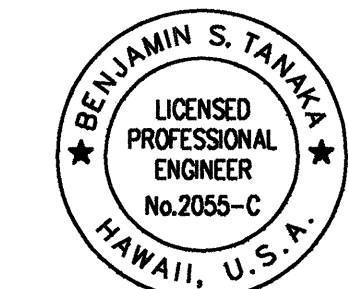
THIS WORK WAS PREPARED BY
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Benjamin S. Tanka

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19D-01-96M	1996	17	20



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



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Benjamin S. Tanaka

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY, STRIPING
& SIGN PLAN**

KAWAIHAE ROAD RESURFACING
MP 58.97 TO MP 63.30
PROJECT NO. 19D-01-96M
Date: April 1996
SHEET NO. 12 OF 12 SHEETS