FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	15	26

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE: 1" = 40'

Inst. w/Posts
END CONSTRUCTION
CG20-2 (60"x24")

H1 INBOUND LANES
H1 OUTBOUND LANES

Tie Into Exist. Markings

Lane Drop Markings

Remove Exist. Sign & Posts and Inst. New Sign w/Posts. Use S3x5.7 Breakaway Sign Support Posts
H1 EAST
⇦ Honolulu
D-2

R3-4-B (36"x36")
Rem. Exist. & Inst. New Sign

Exist. to Remain
H

Remove Exist. Sign & Post and Inst. New Sign w/Post and on Exist. Hwy. Lt. Std.
ONLY
R3-8B(L) (36"x30")

R6-1(R) (36"x12")
Remove Exist Sign & Post and Inst. New Sign w/Post
ONE WAY

W4-3 (36"x36")
Remove Exist. Sign & Post and Inst. New Sign w/Post

R6-1(L) (36"x12")
Remove Exist Sign & Post and Inst. New Sign w/Post
ONE WAY

Remove Exist. Sign and Inst. New Sign on Exist. Hwy. Lt. Std.
SPEED LIMIT 35
R2-1(35)-B (36"x48")

Tie Into Exist. Markings
RAMP KB

Tie Into Exist. Markings

Lane Drop Markings

Tie Into Exist. Markings
RAMP KC-1

Inst. w/Post
RM-9

IRM-2
Remove Exist. Route Markers & Post and Inst. New Route Markers w/Post (Type B Assembly)
IM3-2-A* (36"x18") EAST
IM-1(2) (36"x36") H1
IM6-3 (21"x15")
WEST IM3-4-A* (36"x18")
H1 IM-1(2) (36"x36")
IM6-2(R) (21"x15")

Exist. to Remain
Honolulu
Ewa
Waianae

Tie Into Exist. Markings
HAUL ROAD

500'

15+00

20+00

4" Yellow Guide Line

M.L. @ STA. 23+00

Lane Drop Markings
To Kunia

Tie Into Exist. Markings
CANE

P.C. @ Sta. 15+58.67
R=2292.00'
P.T. @ Sta. 22+35.39
R=2292.00'

Inst. w/Posts
ROAD CONSTRUCTION AHEAD
CW20-1d (48"x48")

R6-1(L) (36"x12")
Remove Exist. Sign & Inst. New Sign
ONE WAY

R3-1-B (36"x36")
Remove Exist. Sign and Inst. New Sign on Exist. Hwy. Lt. Std.

R3-8A(L) (36"x30")
Remove Exist. Sign & Post and Inst. New Sign w/Post
ONLY

RAMP KO

WRONG WAY R5-1a (36"x24")
Inst. w/Post

Tie Into Exist. Markings

DO NOT ENTER R5-1-B (36"x36")
Remove Exist. Sign & Inst. New Sign

STOP R1-1-A (36"x36")
Remove Exist. Sign & Post and Inst. New Sign w/Post

UNLICENSED VEHICLES BICYCLES, CYCLES UNDER 5 HP, PEDESTRIANS KEEP OUT FREEWAY
R16-5 (36"x42")
Remove Exist. Sign & Inst. New Sign on Exist. Post

D11-1 (24"x18")
BIKE ROUTE
M7-2 (12"x9")
Remove Exist. Signs & Inst. New Signs on Exist. Post

Kunia
Makakilo
Waianae
D-1
Remove Exist. Sign & Posts and Inst. New Sign w/Posts. Use S4x7.7 Breakaway Sign Support Posts

YIELD
Rem. Exist. & Inst. New Sign
RI-2 (36"x36"x36")

WRONG WAY R5-1a (36"x24")
Remove Exist. Sign and Inst. New Sign on Exist. Hwy. Lt. Std.

ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
KOREAN SOCIETY HAWAII
Exist. to Remain

SPEED LIMIT 35
R2-1(35)-B (36"x48")
Remove Exist. Sign & Post and Inst. New Sign & Post

DO NOT ENTER
R5-1-B (36"x36")
Remove Exist. Sign & Post and Inst. New Sign & Post

R4-7 (24"x30")
Remove Exist. Sign & Post and Inst. New Sign w/Post

RIGHT LANE MUST TURN RIGHT
R3-7(R)-B (36"x36")
Remove Exist. Sign & Post and Inst. New Sign w/Post

R3-8A(R) (30"x36")
ONLY
Remove Exist. Sign and Inst. New Sign on Exist. Hwy. Lt. Std.

IM3-4-A* (36"x18") WEST
IM-1(2) (36"x36") INTERSTATE H1
IM6-2(L) (21"x15")
NORTH M3-1-A* (36"x18")
750 M1-6(750) (36"x36")
M6-3 (21"x15")

IRM-1
Remove Exist. Route Markers & Post and Inst. New Route Markers w/Post (Type B Assembly)

*NOTE: The first letter of the cardinal direction words shall be 10 percent larger, rounded up to the nearest whole number size.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
~~H-1 Freeway to Vicinity~~
~~of Driving Range~~
~~F.A. Project No. STP-0750(8)~~

Scale: 1" = 40' Date: ~~March 1993~~

SHEET No. T2 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	16	26

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE: 1" = 40'

R3-40(L) (30"x30") Remove Exist. Sign on Traf. Sig. Std. & Inst. New Sign w/Post

R3-40(R) (30"x30") Remove Exist. Sign & Inst. New Sign on Exist. Hwy. Lt. Std.

R2-1(35)-B (36"x48") SPEED LIMIT 35 Remove Exist. Sign & Post and Inst. New Sign w/Post

R3-40(L) (30"x30") Inst. w/Post

Rem. Ex. Refl. Mrkr. & Inst. New on Ex. Traf. Sig. Std.

RM-9

Tie Into Exist. Markings

Remove Exist. Sign & Post and Inst. New Sign w/Post

R3-40(L) (30"x30") D11-1 (24"x18") BIKE ROUTE M7-1 (12"x9")

R3-40(L) (30"x30") Remove Exist. Sign & Post and Inst. New Sign w/Post

Paint all sides of finished Bituminous Curb, Type 6 White

To Waipahu

Sta.25+02

240' Deceleration Lane

200' Taper

Sta.29+42

Sta.3+05

200' Deceleration Lane

245' Taper

M.L. ℄ STA. 23+00

25+00

30+00

M.L. ℄ STA. 34+00

12' 12' 12' 12'

Lane Drop Markings

Remove Exist. Sign & Inst. on Exist. Hwy. Lt. Std.

R3-8A(R) (36"x30")

Tie Into Exist. Markings

Kupuna Loop

R3-12 (36"x30") Remove Exist. Sign & Inst. New Sign on Exist. Post

D11-1 (24"x18") BIKE ROUTE M7-2 (12"x9") Remove Exist. Signs & Inst. New Signs on Exist. Hwy. Lt. Std.

Sta.28+42

100' Taper

87'± Deceleration Lane

RIGHT LANE MUST TURN RIGHT R3-7(R)-B (36"x36") Remove Exist. Sign & Post and Inst. New Sign w/Post

Tie Into Exist. Markings

Kupuna Loop

11' 10' 10' 10'

Ri-2 (36"x36"x36") YIELD Remove Exist. Sign & Inst. New Sign on Exist. Post

Sta.33+05

565' Taper

14' 12' 12'

Paint all sides of finished Bituminous Curb, Type 6 White

TRUE NORTH
SCALE: 1" = 40'

245' Taper

Sta. 35+50

Inst. Rumble Strips. See Sht. T-1 for Detail

Remove Ex. Sign & Posts and Inst. New Sign w/Posts

SPEED LIMIT 35 R2-1(35)-B (36"x48")

P.C. ℄ Sta. 36+90.46 R=5,929.58'

P.C. ℄ Sta. 37+62.96

W3-3 (36"x36") Rem.Ex. Sign & Post and Inst. New Sign w/Post

REDUCED SPEED 35 R2-5b(35)-B (36"x48") Remove Exist. Sign & Posts and Inst. New Sign w/Posts

M.L. ℄ STA. 34+00

35+00

40+00

M.L. ℄ STA. 45+00

11' 11' 11' 11'

565' Taper

Sta.38+70

SPEED LIMIT 45 R2-1(45)-B (36"x48") Remove Exist. Sign & Posts and Inst. New Sign w/Posts

M4-12 (24"x6") END BIKE ROUTE D11-1 (24"x18") Remove Exist. Sign & Inst. New Sign on Exist. Post

Extend 4" Double Solid Yellow Strip by 200'

New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE: 1" = 40'

M.L. ℄ STA. 45+00

50+00

55+00

M.L. ℄ STA. 56+00

To Kunia

Inst. Type II Object Markers 4 Ea. w/Flexible Post (Type B Installation) Remove Exist. Object Markers

BUCKLE UP IT'S THE LAW R16-1 (30"x42") Remove Exist. Sign & Post and Inst. New Sign w/Post

STA. 34+00± TO STA. 56+00 LT. & RT.

Install RM-1 Reflector Markers 24 Each @ 200' o.c. w/Flexible Post (Type B Installation) Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity of Driving Range
~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' ~~Date: March 1993~~

SHEET No. T3 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	17	26

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE: 1" = 40'

Inst. Type II Object Markers
4 Ea. w/Flexible Post
(Type B Installation)
Remove Exist. Object Markers

New 16" Milled Rumble Strip, Centerline

M.L. ℄ STA. 56+00

← To Waipahu

60+00

65+00

M.L. ℄ STA. 67+00

STA. 58+00± RT.
Install RM-1 Reflector Markers
w/Flexible Post
(Type B Installation)

STA. 58+50± TO STA. 66+30± RT.
Install RM-1 Reflector Markers
4 Ea. @ 200' o.c. w/Steel Post
1 Ea. @ 180' o.c. w/Steel Post
Remove Exist. Reflector Markers

Remove Exist. Sign & Inst. New Sign on Exist. Flasher Unit Pole

TRUCK CROSSING
W8-6-A
(36"x36")

Inst. w/Post

W14-3
(36"x48"x48")
NO PASSING ZONE

TRUE NORTH
SCALE: 1" = 40'

M.L. ℄ STA. 67+00

70+00

75+00

M.L. ℄ STA. 78+00

New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE: 1" = 40'

P.C. ℄ Sta. 88+27.93
R=5729.58'

M.L. ℄ STA. 78+00

80+00

85+00

M.L. ℄ STA. 89+00

To Kunia

R2-1(45)-B
(36"X48")
SPEED LIMIT 45

Remove Exist. Sign & Post
and Inst. New Sign w/Post

STA. 58+00± TO STA. 88+00± LT.
Install RM-1 Reflector Markers
16 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

STA. 68+00± TO STA. 88+00± RT.
Install RM-1 Reflector Markers
11 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

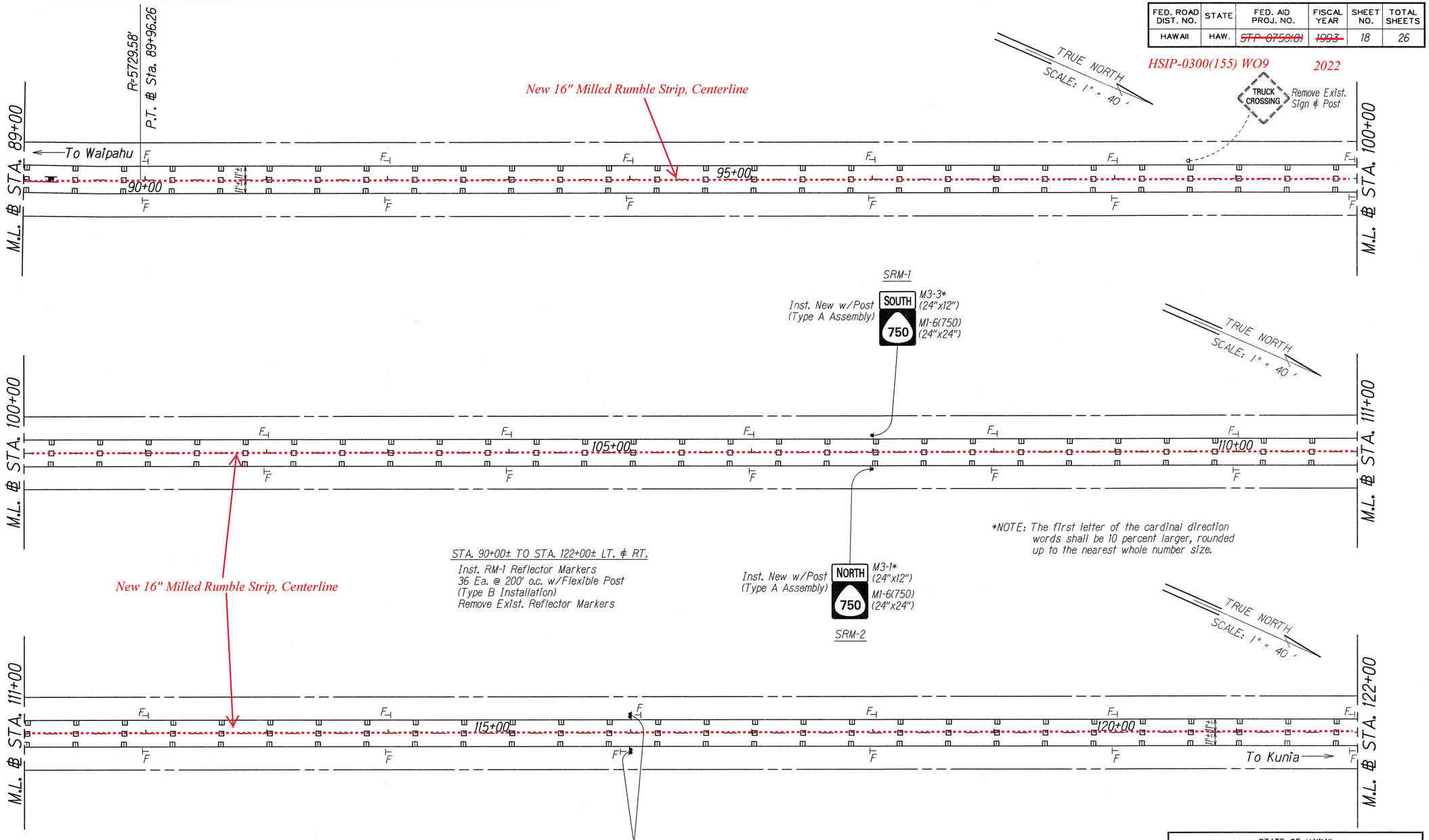
~~KUNIA ROAD RESURFACING~~
~~H-1 Freeway to Vicinity~~
~~of Driving Range~~
~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' Date: March 1993

SHEET No. T4 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	18	26

HSIP-0300(155) WO9 2022



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

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KUNIA ROAD RESURFACING

~~H-1 Freeway to Vicinity of Driving Range~~

~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' Date: March 1993

SHEET No. T5 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	19	26

HSIP-0300(155) WO9 2022

ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
KOREAN SOCIETY HAWAII

Exist. to Remain

New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE: 1" = 40'

M.L. ℄ STA. 122+00

← To Waipahu ℄

125+00

130+00

M.L. ℄ STA. 133+00

W14-3
(36"x48"x48")
NO PASSING ZONE
Inst. w/Post

TRUE NORTH
SCALE: 1" = 40'

P.C. ℄ Sta. 143+05.03
R=2,864.79'

M.L. ℄ STA. 133+00

135+00

140+00

M.L. ℄ STA. 144+00

W8-6-A
(36"x36")
TRUCK CROSSING

Remove Exist. Sign ℄ Post
and Inst. New Sign w/Post

W1-2(L)-B
(36"x36")

Remove Exist. Sign ℄ Post
and Inst. New Sign w/Post

R2-1(45)-B
(36"x48")
SPEED LIMIT 45

Remove Exist. Sign ℄ Posts
and Inst. New Sign w/Posts

New 16" Milled Rumble Strip, Centerline

P.C. ℄ Sta. 148+93.37
R=2,864.79'

Inst. w/Post
W1-2(R)-B
(36"x36")

TRUE NORTH
SCALE: 1" = 40'

Inst. w/Post
W8-6-A
(36"x36")
TRUCK CROSSING

M.L. ℄ STA. 155+00

To Kunia

150+00

M.L. ℄ STA. 144+00

145+00

W14-3
(36"x48"x48")
NO PASSING ZONE
Inst. w/Post

STA. 124+00± TO STA. 154+00± LT. ℄ RT.

Inst. RM-1 Reflector Markers
32 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

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

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KUNIA ROAD RESURFACING

~~H-1 Freeway to Vicinity of Driving Range~~

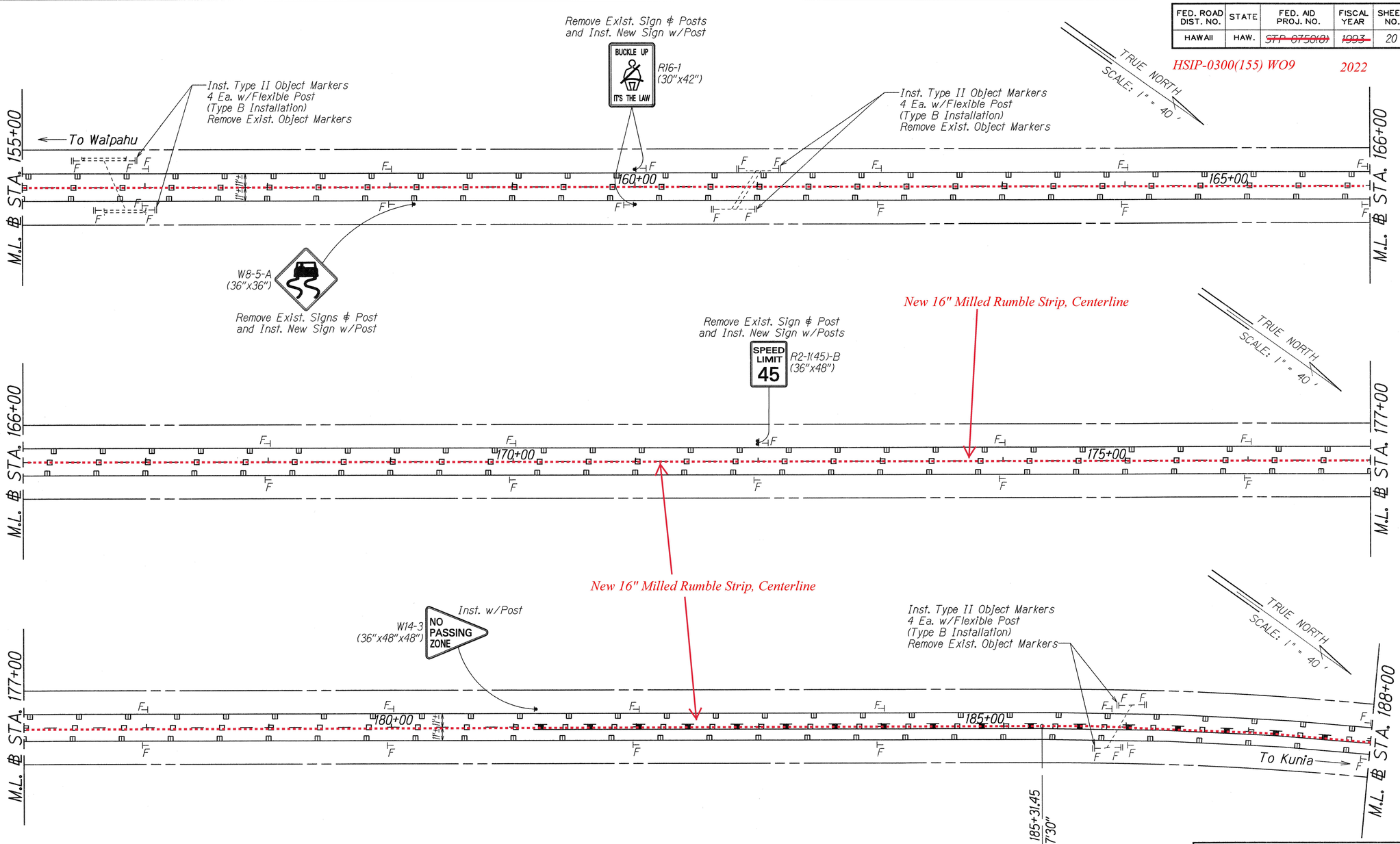
~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' Date: March 1993

SHEET No. T6 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	20	26

HSIP-0300(155) WO9 2022



STA. 156+00± TO STA. 188+00± LT. & RT.

Inst. RM-1 Reflector Markers
36 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
~~H-1 Freeway to Vicinity~~
~~of Driving Range~~
~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' Date: March 1993

SHEET No. 77 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	21	26

HSIP-0300(155) WO9

2022

New 16" Milled Rumble Strip, Centerline

STA. 190+00± TO STA. 196+00± LT.
Inst. RM-1 Reflector Markers
4 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

W14-3 (36"x48"x48") NO PASSING ZONE Inst. w/Post

TRUE NORTH
SCALE: 1" = 40'

M.L. ℄ STA. 188+00

To Waipahu

190+00

195+00

M.L. ℄ STA. 199+00

P.T. ℄ Sta. 192+79.36
R=2,864.70'

STA. 190+00± TO STA. 194+00± RT.
Inst. RM-1 Reflector Markers
3 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

STA. 196+22± TO STA. 199+22± RT.
Inst. RM-1 Reflector Markers
4 Ea. @ 100' o.c. w/Steel Post
(Type B Installation)
Remove Exist. Reflector Markers

STA. 202+00± TO STA. 208+00± LT.
Inst. RM-1 Reflector Markers
4 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

STA. 189+30± TO STA. 199+80± LT.
Inst. RM-1 Reflector Markers
3 Ea. @ 75' o.c. w/Steel Post
Remove Exist. Reflector Markers

Remove Exist. Sign & Post
and Inst. New Sign w/Posts

SPEED LIMIT 45 R2-1(45)-B (36"x48")

W14-3 (36"x48"x48") NO PASSING ZONE Inst. w/Post

TRUE NORTH
SCALE: 1" = 40'

M.L. ℄ STA. 199+00

200+00

205+00

M.L. ℄ STA. 210+00

STA. 201+50± TO STA. 207+50± RT.
Inst. RM-1 Reflector Markers
4 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

STA. 210+15± TO STA. 212+15± LT.
Inst. RM-1 Reflector Markers
3 Ea. @ 100' o.c. w/Steel Post
Remove Exist. Reflector Markers

W2-2-B (36"x36") Remove Exist. Sign & Post and Inst. New Sign w/Post

ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
KOREAN SOCIETY HAWAII
Exist. to Remain

STA. 209+00± TO STA. 211+40± RT.
Inst. RM-1 Reflector Markers
3 Ea. @ 120' o.c. w/Steel Post
Remove Exist. Reflector Markers

SRM-3
SOUTH 750 M3-3* (24"x12") M1-6(750) (24"x24")
Inst. New w/Post (Type A Assembly)

R5-1-B (36"x36") DO NOT ENTER Inst. New Sign

New 16" Milled Rumble Strip, Centerline

STA. 214+00± TO STA. 220+00± LT.
Inst. RM-1 Reflector Markers
4 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

TRUE NORTH
SCALE: 1" = 40'

Remove Exist. Sign & Post
and Inst. New Sign w/Post

W2-2-B (36"x36")

M.L. ℄ STA. 210+00

215+00

220+00

M.L. ℄ STA. 221+00

To Kunia

STA. 218+40± TO STA. 222+40± RT.
Inst. RM-1 Reflector Markers
5 Ea. @ 100' o.c. w/Steel Post
Remove Exist. Reflector Markers

R6-1(L) (36"x12") ONE WAY Inst. w/Post

ONE WAY R6-1(R) (36"x12") Inst. w/Post

R3-1-B (36"x36") Inst. w/Post

STOP R1-1-A (36"x36" Inst. w/Post

SRM-4
NORTH 750 M3-1* (24"x12") M1-6(750) (24"x24")
Inst. New w/Post (Type A Assembly)

STA. 214+50± TO STA. 216+50± RT.
Inst. RM-1 Reflector Markers
2 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

*NOTE: The first letter of the cardinal direction words shall be 10 percent larger, rounded up to the nearest whole number.

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

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KUNIA ROAD RESURFACING
~~H-1 Freeway to Vicinity of Driving Range~~
~~F.A. Project No. STP-0750(8)~~

Scale: 1" =40' Date: March ~~1993~~

SHEET No. T8 OF 13 SHEETS

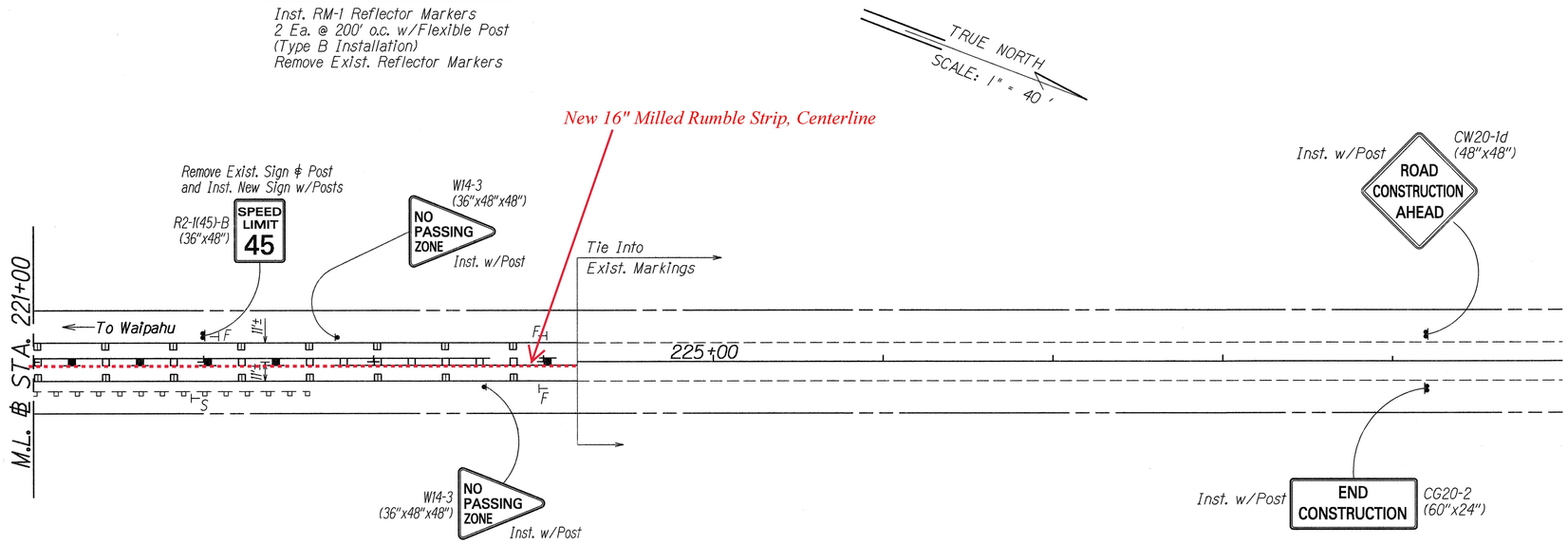
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(8)~~	~~1993~~	22	26

New 16" Milled Rumble Strip continues to NSA Kunia Intersection. Shown on different set of as-builts, enclosed.

HSIP-0300(155) WO9 2022

STA. 222+00± TO STA. 224+00± LT.

Inst. RM-1 Reflector Markers
2 Ea. @ 200' o.c. w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers



STA. 224+00± RT.

Inst. RM-1 Reflector Markers
w/Flexible Post
(Type B Installation)
Remove Exist. Reflector Markers

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

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

KUNIA ROAD RESURFACING
~~H-1 Freeway to Vicinity of Driving Range~~
F.A. Project No. ~~STP-0750(8)~~

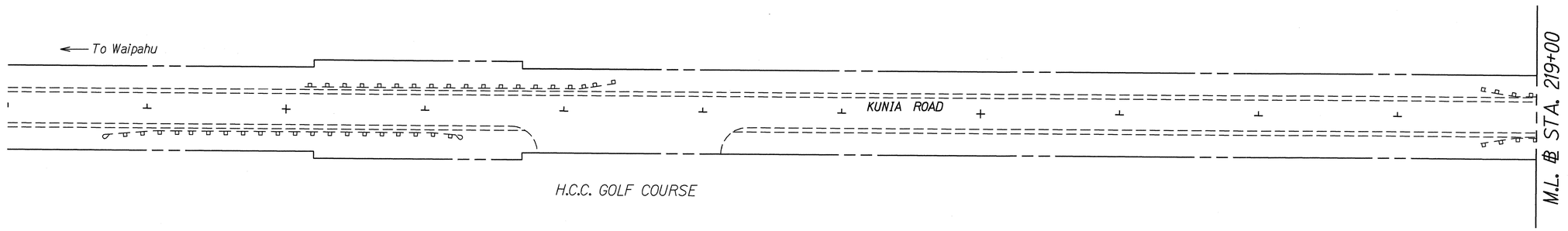
Scale: 1" =40' Date: ~~March 1993~~

SHEET No. 19 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~ 2022	22	31

HSIP-0300(155) WO9

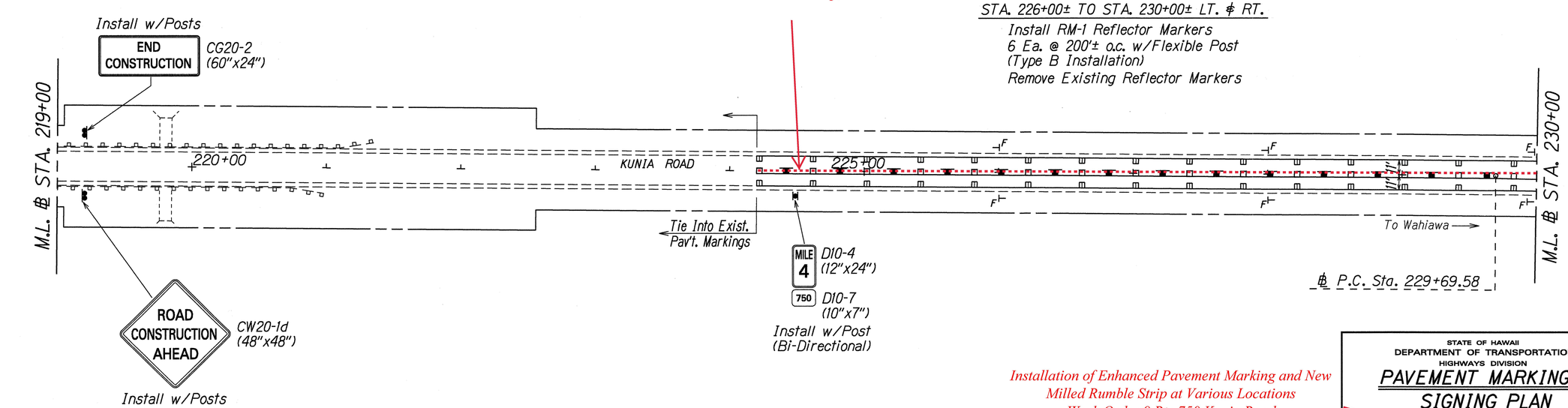
TRUE NORTH
SCALE : 1" = 40'



TRUE NORTH
SCALE : 1" = 40'

New 16" Milled Rumble Strip, Centerline

STA. 226+00± TO STA. 230+00± LT. ⊄ RT.
Install RM-1 Reflector Markers
6 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers



Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/27/94
	DRAWN BY D. Arii	
NOTE BOOK	TRACED BY S. Kakehi	
dated 10 July 2 Numbers	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING ⊄ SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
~~Hawaii Country Club to Kunia Gate~~
~~Federal Aid Project No. STP-0750(9)~~
Scale: 1"=40' Date: Mar. 1995

SHEET No. T2 OF 11 SHEETS

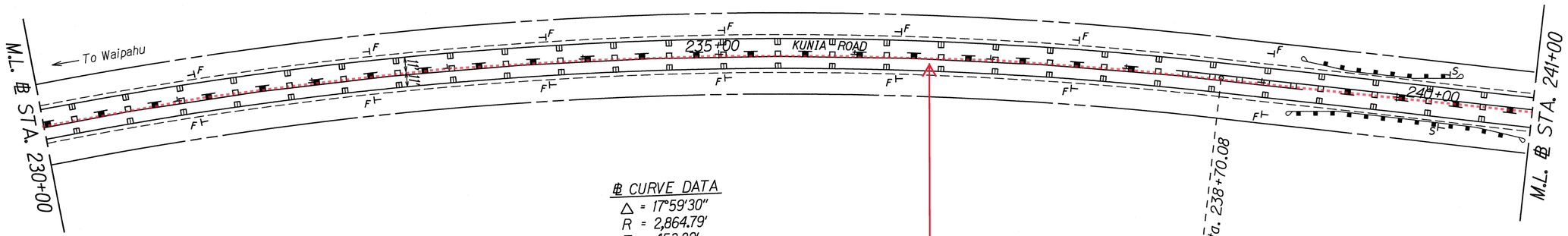
22

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP 0750(9)~~	~~1995~~	23	31

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE : 1" = 40'

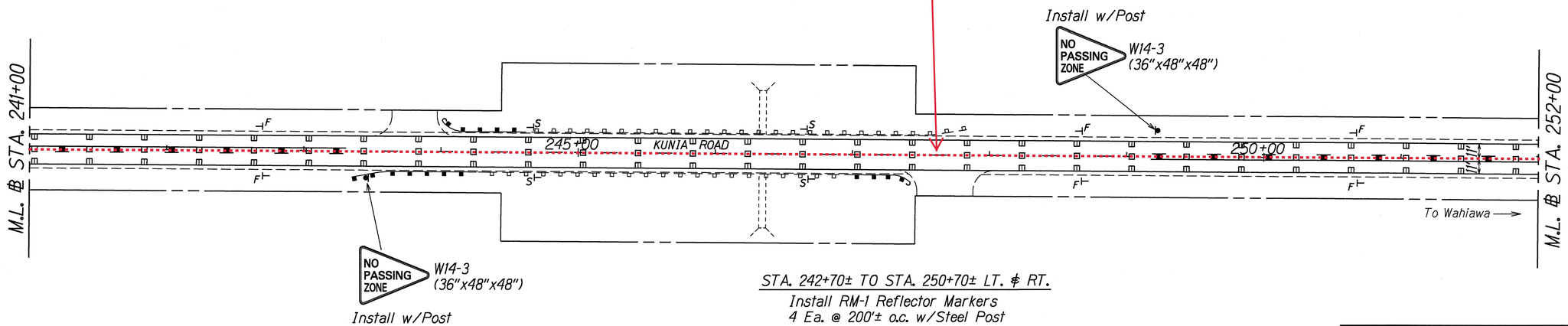
STA. 231+30± TO STA. 240+30± LT. & RT.
Install RM-1 Reflector Markers
2 Ea. @ 130'± o.c. w/Steel Post
14 Ea. @ 130'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Refelctor Markers



℄ CURVE DATA
△ = 17°59'30"
R = 2,864.79'
T = 453.82'
Lc = 900.50'

New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE : 1" = 40'



STA. 242+70± TO STA. 250+70± LT. & RT.
Install RM-1 Reflector Markers
4 Ea. @ 200'± o.c. w/Steel Post
6 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/22/94
	DRAWN BY D. Arii	
NOTE BOOK	TRACED BY	
Id.rudy	DESIGNED BY G. Kaleihi	
N. 21pm92	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
Hawaii Country Club to Kunia Gate
~~Federal Aid Project No. STP-0750(9)~~
Scale: 1"=40' Date: Mar. 1995

SHEET No. T3 OF 11 SHEETS

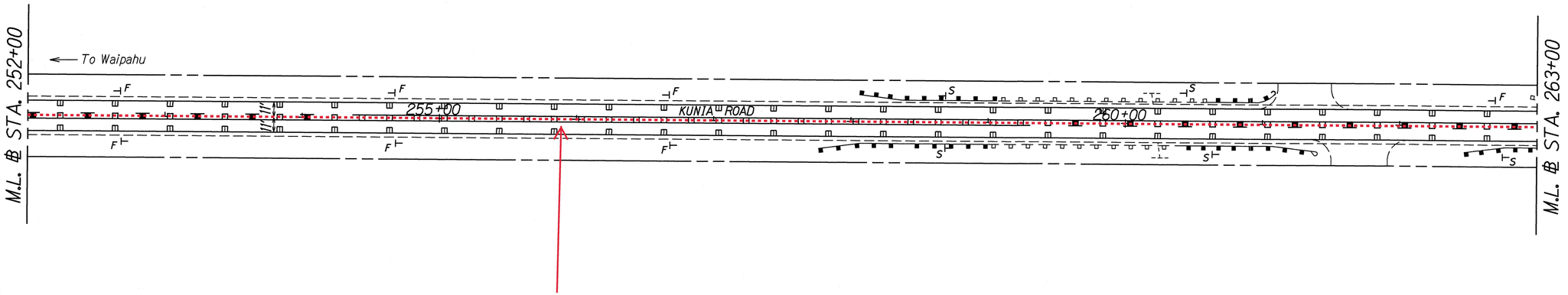
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP 0750(9)~~	~~1995~~	24	31

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE : 1" = 40'

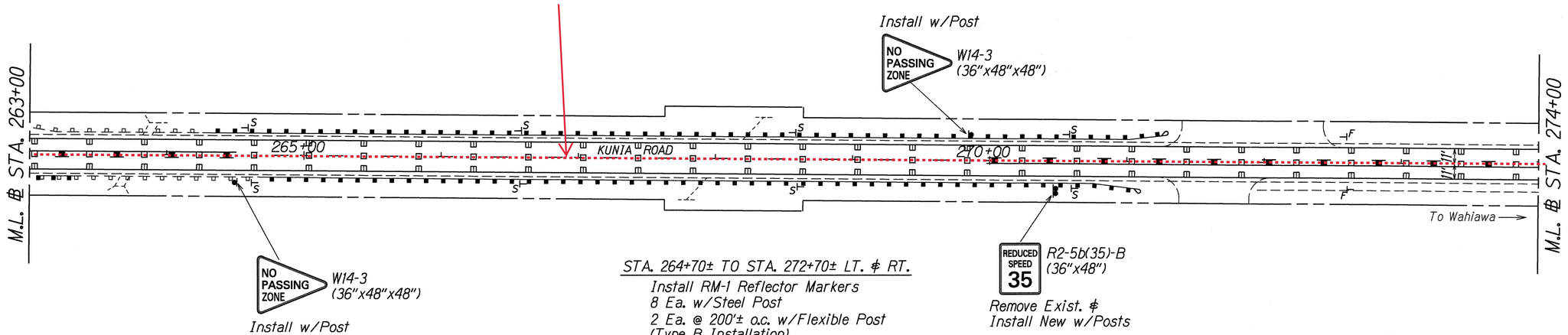
STA. 252+70± TO STA. 262+70± LT. ℄ RT.

Install RM-1 Reflector Markers
5 Ea. @ 200'± o.c. w/Steel Post
7 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers



New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE : 1" = 40'



STA. 264+70± TO STA. 272+70± LT. ℄ RT.

Install RM-1 Reflector Markers
8 Ea. w/Steel Post
2 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/3/94
	DRAWN BY R. Aoki	
NOTE BOOK	TRACED BY	
Id:ruby	DESIGNED BY S. Kaleki	
No. 2kunf03	QUANTITIES BY	
	CHECKED BY	

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING ℄ SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
Hawaii Country Club to Kunia Gate
~~Federal Aid Project No. STP-0750(9)~~
Scale: 1"=40' Date: Mar. 1995

SHEET No. T4 OF 11 SHEETS

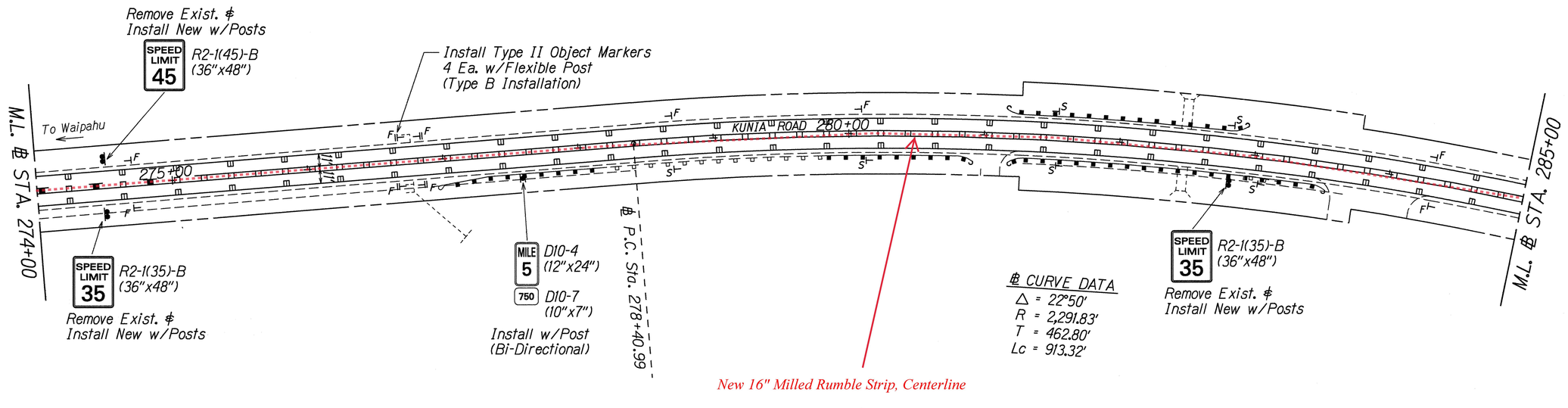
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~	25	31

HSIP-0300(155) WO9 2022

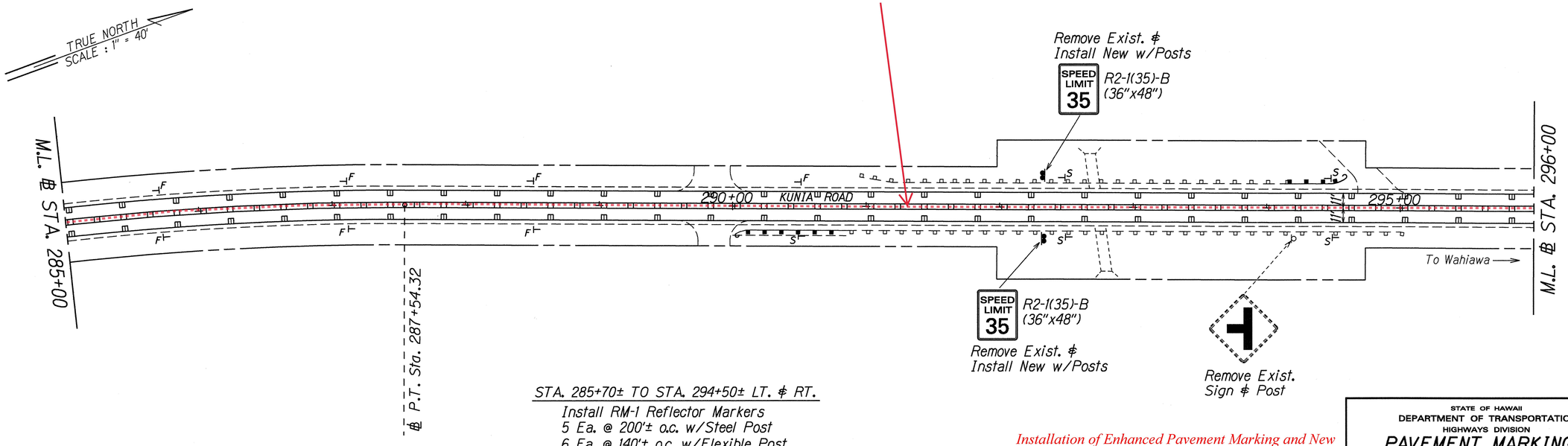
TRUE NORTH
SCALE : 1" = 40'

STA. 274+70± LT. ℄ RT.
Install RM-1 Reflector Markers
2 Ea. w/Flexible Post
(Type B Installation)
Remove Existing Relector Markers

STA. 278+70± TO STA. 284+30± LT. ℄ RT.
Install RM-1 Reflector Markers
6 Ea. @ 140'± o.c. w/Steel Post
4 Ea. @ 140'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Relector Markers



New 16" Milled Rumble Strip, Centerline



STA. 285+70± TO STA. 294+50± LT. ℄ RT.
Install RM-1 Reflector Markers
5 Ea. @ 200'± o.c. w/Steel Post
6 Ea. @ 140'± o.c. w/Flexible Post
1 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/3/94
	DRAWN BY E. Acil	
NOTE BOOK Id/ruby 2/ump4	TRACED BY	
	DESIGNED BY E. Kakebi	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING ℄ SIGNING PLAN

KUNIA ROAD RESURFACING
Hawaii Country Club to Kunia Gate
Federal Aid Project No. STP-0750(9)

Scale: 1"=40' Date: Mar. 1995

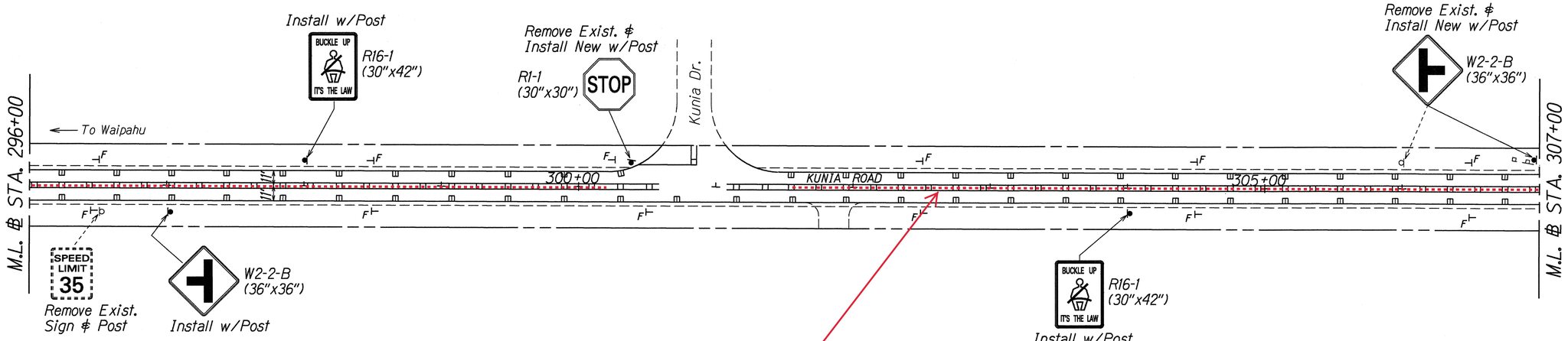
SHEET No. T5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~	26	31

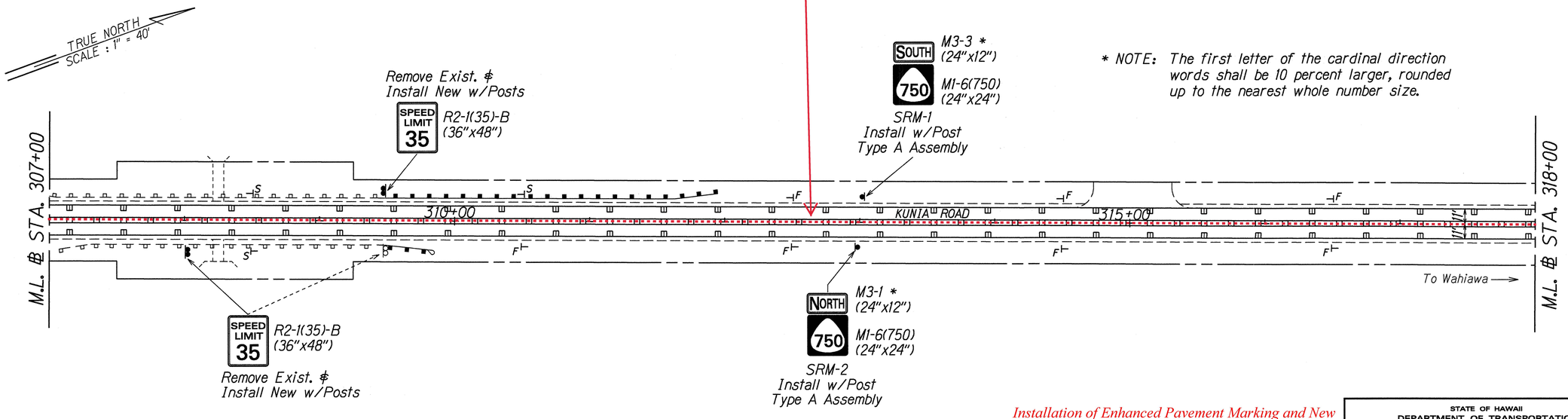
HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE : 1" = 40'

STA. 296+50± TO STA. 306+50± LT. & RT.
Install RM-1 Reflector Markers
12 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers



New 16" Milled Rumble Strip, Centerline



STA. 308+50± TO STA. 316+50± LT. & RT.
Install RM-1 Reflector Markers
3 Ea. w/Steel Post
7 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY R. Arii	11/13/94
NOTE BOOK tdruby 1dump5 No. 2kump5	TRACED BY	
	DESIGNED BY S. Kaleohi	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
Hawaii Country Club to Kunia Gate
~~Federal Aid Project No. STP-0750(9)~~
~~Scale: 1"=40'~~ ~~Date: Mar. 1995~~

SHEET No. T6 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~	27	31

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE : 1" = 40'

M.L. ℄ STA. 318+00

← To Waipahu

320+00

KUNIA ROAD

325+00

M.L. ℄ STA. 329+00

Remove Exist. ⊄
Install New w/Posts
R2-1(35)-B
(36"x48")
SPEED LIMIT 35

Exist. to Remain
ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
PR DEL-MONTE-HAWAII

Remove Exist. ⊄
Install New w/Post
R1-1
(30"x30")
STOP

Kunia Dr.

STA. 318+50± TO STA. 328+50± LT. ⊄ RT.
Install RM-1 Reflector Markers
7 Ea. @ 200'± o.c. w/Steel Post
5 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

W2-2-B
(36"x36")
Remove Exist. ⊄
Install New w/Post

ADOPT A HIGHWAY
LITTER CONTROL
NEXT 2 MILES
6924TH ESG A.F.I.C. USAF
Exist. to Remain

New 16" Milled Rumble Strip, Centerline

TRUE NORTH
SCALE : 1" = 40'

M.L. ℄ STA. 329+00

Remove Exist. ⊄
Install New w/Post
W2-2-B
(36"x36")

Remove Exist.
Sign ⊄ Post
MILE 6

330+00

KUNIA ROAD

335+00

M.L. ℄ STA. 340+00

Remove Exist. ⊄
Install New w/Posts
SPEED LIMIT 35
R2-1(35)-B
(36"x48")

To Wahiawa →

MILE 6
D10-4
(12"x24")

750
D10-7
(10"x7")

Remove Exist. ⊄
Install New w/Post
(Bi-Directional)

STA. 330+50± TO STA. 338+50± LT. ⊄ RT.
Install RM-1 Reflector Markers
6 Ea. @ 200'± o.c. w/Steel Post
4 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

SPEED LIMIT 35
R2-1(35)-B
(36"x48")
Remove Exist. ⊄
Install New w/Posts

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/23/94
	DRAWN BY D. Aoki	
NOTE BOOK	TRACED BY	
	DESIGNED BY G. Kakehi	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING ⊄ SIGNING PLAN

KUNIA ROAD RESURFACING
Hawaii Country Club to Kunia Gate
Federal Aid Project No. ~~STP-0750(9)~~
Scale: 1"=40' Date: Mar. 1995

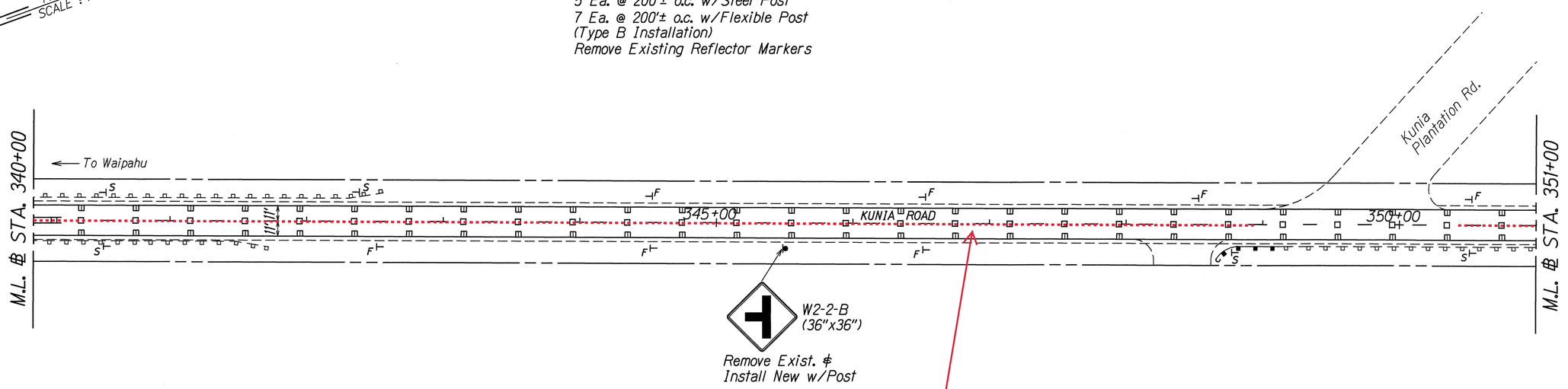
SHEET No. 77 OF 11 SHEETS

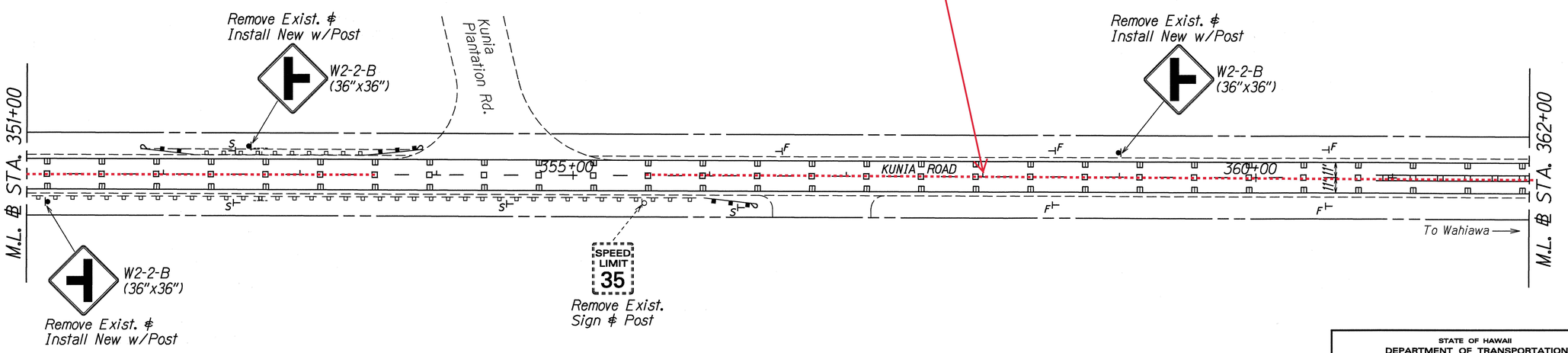
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP 0750(9)~~	~~1995~~	28	31

HSIP-0300(155) WO9 2022

TRUE NORTH
SCALE : 1" = 40'

STA. 340+50± TO STA. 350+50± LT. & RT.
Install RM-1 Reflector Markers
5 Ea. @ 200'± o.c. w/Steel Post
7 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers





STA. 352+50± TO STA. 360+50± LT. & RT.
Install RM-1 Reflector Markers
4 Ea. @ 200'± o.c. w/Steel Post
5 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN		DATE
	SURVEY PLOTTED BY	
	DRAWN BY B. Arii	11/3/94
	TRACED BY	
NOTE BOOK 16d 1 uly	DESIGNED BY G. Kakehi	
N. Zkimbi	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
Hawaii Country Club to Kunia Gate
~~Federal Aid Project No. STP-0750(9)~~

Scale: 1"=40' Date: Mar. 1995

SHEET No. T8 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~	29	31

HSIP-0300(155) WO9 2022

Denotes Rumble Strip
For Detail, See Sht. No. T1

TRUE NORTH
SCALE : 1" = 40'

STA. 362+50± TO STA. 372+50± LT. ℄ RT.
Install RM-1 Reflector Markers
1 Ea. w/Steel Post
11 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Remove Exist. ℄
Install New w/Posts
SPEED LIMIT 35
R2-1(35)-B
(36"x48")

Install w/Post
BUCKLE UP IT'S THE LAW
R16-1
(36"x42")

M.L. ℄ STA. 362+00

To Waipahu

24' 150' 24' 150' 24'

365+00

KUNIA ROAD

370+00

M.L. ℄ STA. 373+00

AHEAD
Remove Exist.
Sign ℄Post

New 16" Milled Rumble Strip, Centerline

Exist. Flasher
to Remain
W2-2-B
(36"x36")
Remove Exist. ℄
Install New on
Flasher Post

TRUE NORTH
SCALE : 1" = 40'

U.S. ARMY
FIELD STATION,
KUNIA

Median Nose Delineation
For Det., See Std. Plan TE-30

Remove Exist. ℄
Install New w/Post
STOP
R1-1
(30"x30")

Tie Into Exist.
Pavt. Markings

Remove Exist. ℄
Install New w/Post
YIELD
R1-2
(36"x36"x36")

Remove Exist.
Sign ℄ Post

Remove Exist. ℄
Install New w/Post
W2-2-B
(36"x36")

Remove Exist.
MP Marker ℄
Post
MILE 7

Remove Exist. ℄
Install New w/Posts
SPEED LIMIT 35
R2-1(35)-B
(36"x48")

M.L. ℄ STA. 373+00

375+00

KUNIA ROAD

380+00

24' 150' 24' 150' 24'

M.L. ℄ STA. 384+00

To Wahiawa

SPEED LIMIT 35
Remove Exist.
Sign ℄ Post

BUCKLE UP IT'S THE LAW
R16-1
(36"x42")
Install w/Post

SPEED LIMIT 35
R2-1(35)-B
(36"x48")
Remove Exist. ℄
Install New w/Posts

MILE 7
D10-4
(12"x24")
750
D10-7
(10"x7")
Remove Exist. ℄ Install New
w/Post (Bi-Directional)

STA. 374+50± TO STA. 382+50± LT. ℄ RT.
Install RM-1 Reflector Markers
6 Ea. @ 200'± o.c. w/Steel Post
4 Ea. @ 200'± o.c. w/Flexible Post
(Type B Installation)
Remove Existing Reflector Markers

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/13/94
	DRAWN BY D. Arii	
	TRACED BY	
NOTE BOOK tdr.ruby	DESIGNED BY G. Kakehi	
No. 2kunip8	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

~~PAVEMENT MARKING & SIGNING PLAN~~

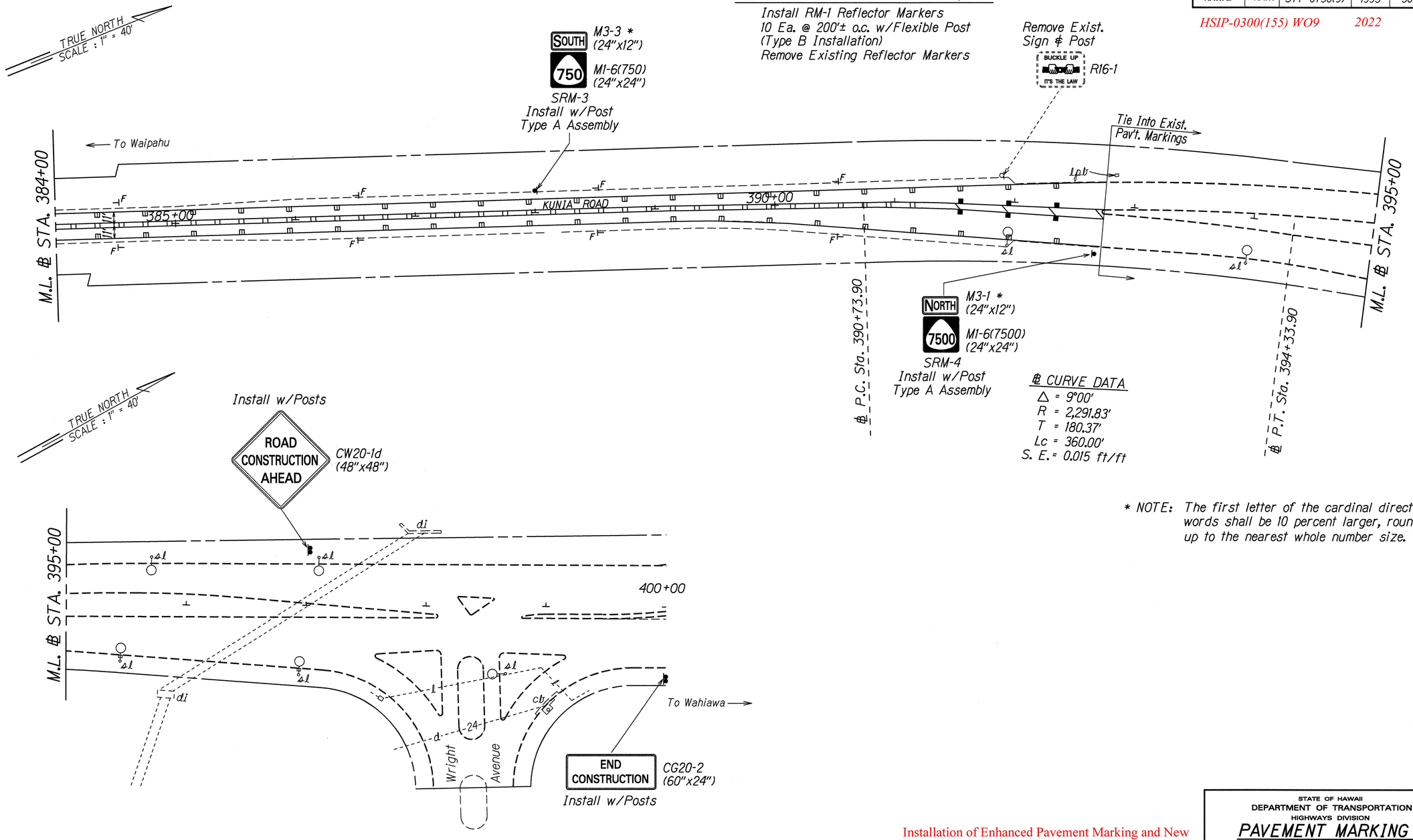
~~KUNIA ROAD RESURFACING~~
~~Hawaii Country Club to Kunia Gate~~
~~Federal Aid Project No. STP-0750(9)~~

Scale: 1"=40' Date: Mar. 1995

SHEET No. T9 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	~~STP-0750(9)~~	~~1995~~	30	31

HSIP-0300(155) WO9 2022



WHEELER
AIR FORCE BASE

* NOTE: The first letter of the cardinal direction words shall be 10 percent larger, rounded up to the nearest whole number size.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE 11/23/94
	DRAWN BY B. Ashi	
NOTE BOOK Volume	TRACED BY S. Kakehi	
No. Pages	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 9 Rte 750 Kunia Road
H-1 Freeway to Wilikina Drive
F.A. Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

~~KUNIA ROAD RESURFACING~~
Hawaii Country Club to Kunia Gate
~~Federal Aid Project No. STP-0750(9)~~
Scale: 1"=40' Date: Mar. 1995

SHEET No. T10 OF 11 SHEETS