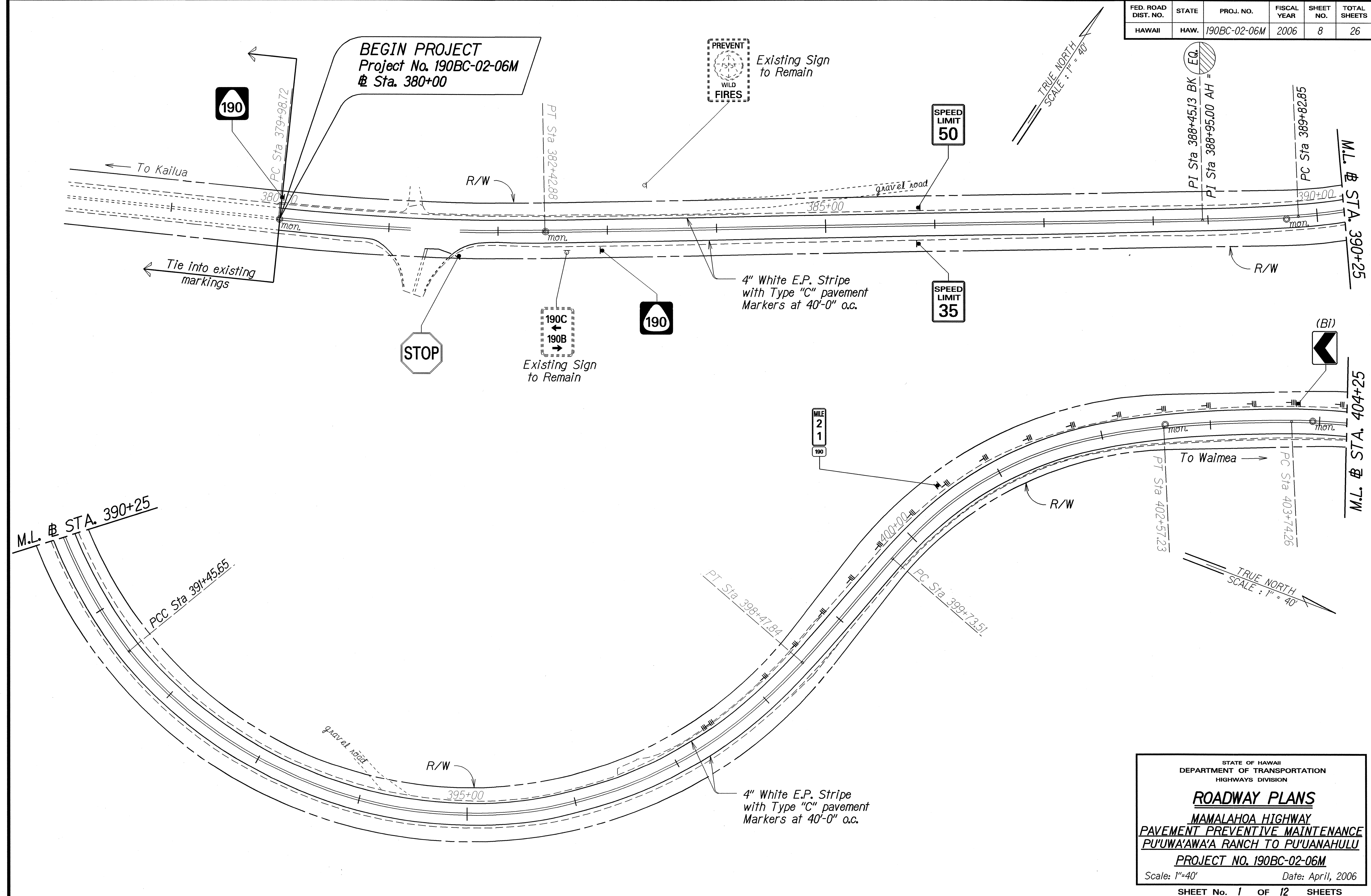


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	8	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
CHECKED BY	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

MAMALAHOA HIGHWAY

PAVEMENT PREVENTIVE MAINTENANCE

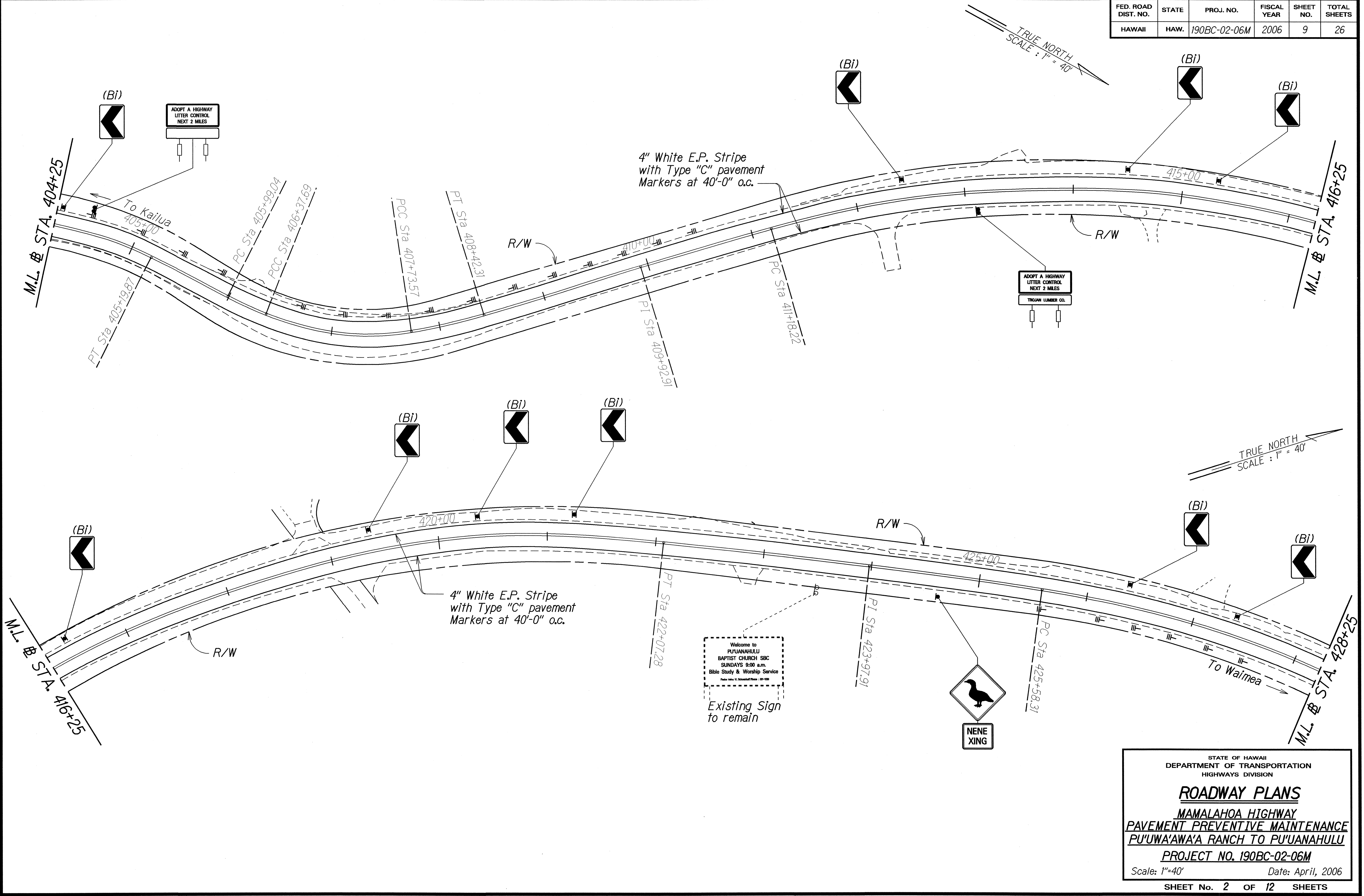
PU'UWA'AWA RANCH TO PU'UANAHULU

PROJECT NO. 190BC-02-06M

Scale: 1"=40' Date: April, 2006

SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	9	26



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

MAMALAHOA HIGHWAY

PAVEMENT PREVENTIVE MAINTENANCE

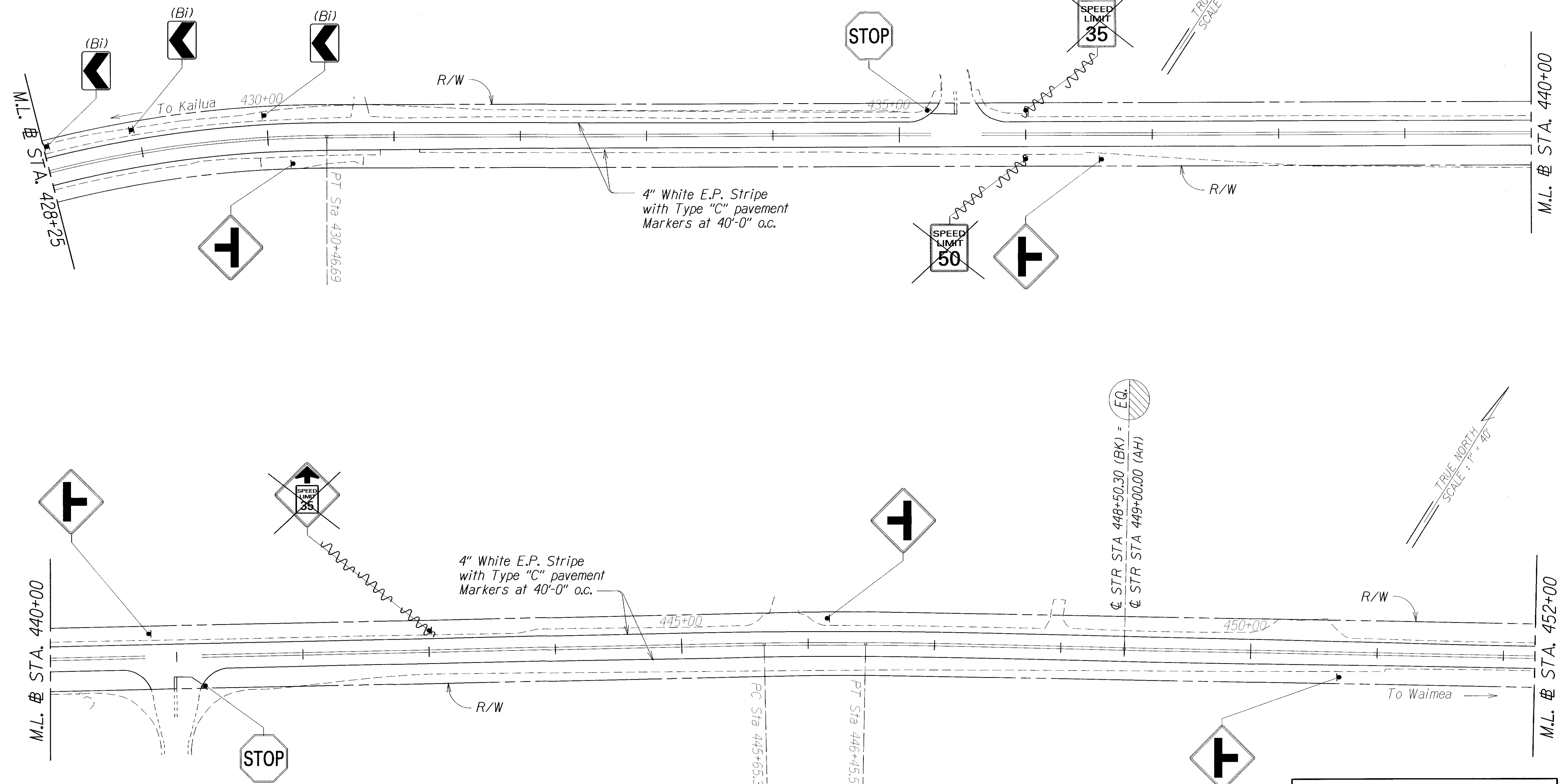
PU'UWA'AWA RANCH TO PU'UANAHULU

PROJECT NO. 190BC-02-06M

Scale: 1"=40' Date: April, 2006

SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-01-06M	2006	10	26



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

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

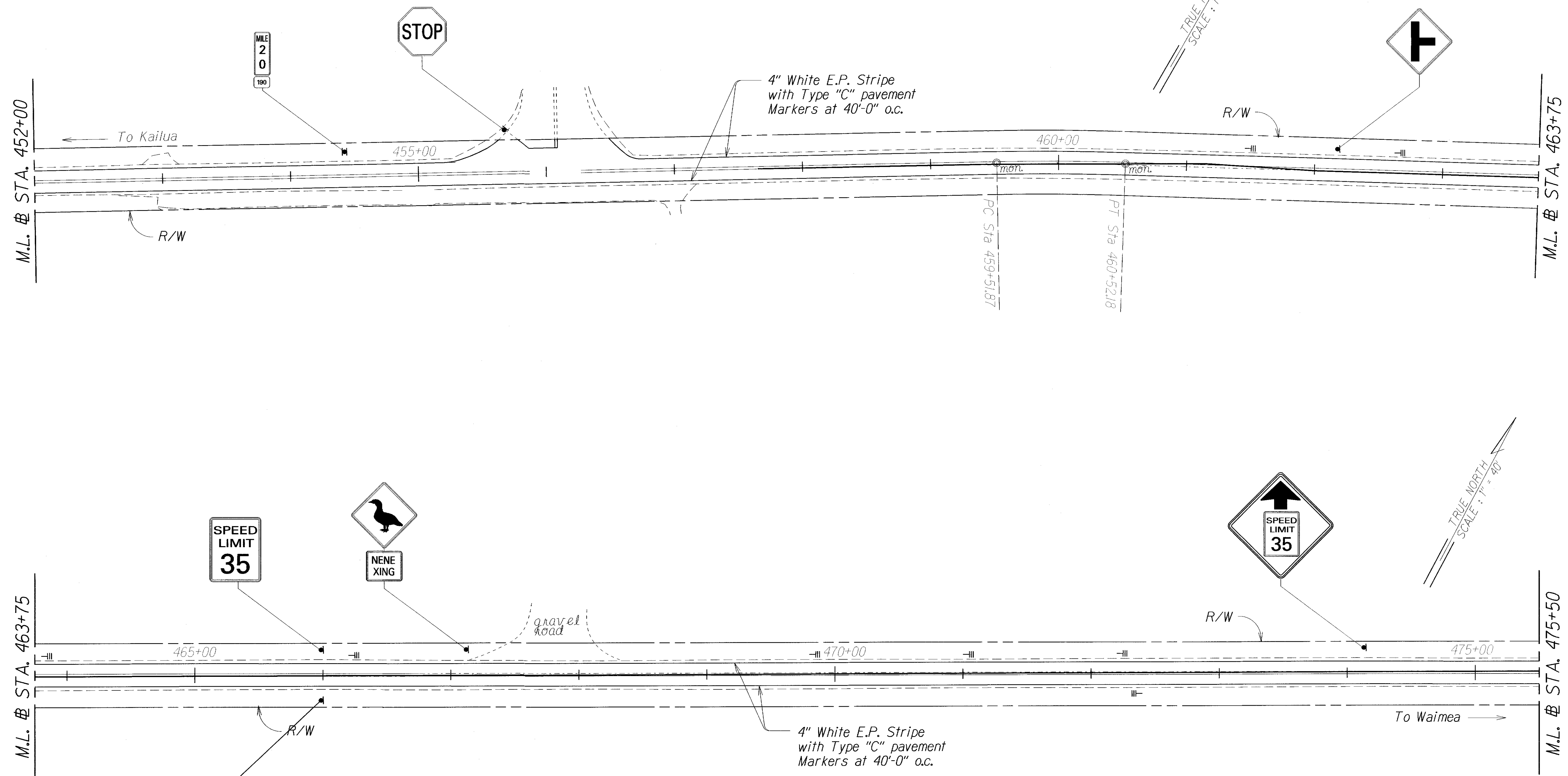
ROADWAY PLANS

MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006

SHEET No. 3 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	11	26



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

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

ROADWAY PLANS

MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Date: April, 2006
Scale: 1"=40'

SHEET No. 4 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	12	26

M.L. # STA. 475+50

← To Kailua

R/W

480+00

4" White E.P. Stripe
with Type "C" pavement
Markers at 40'-0" o.c.

485+00

R/W

M.L. # STA. 487+25

TRUE NORTH
SCALE: 1" = 40'

M.L. # STA. 487+25

490+00

R/W

4" White E.P. Stripe
with Type "C" pavement
Markers at 40'-0" o.c.

495+00

R/W

→ To Waimea

M.L. # STA. 499+00

TRUE NORTH
SCALE: 1" = 40'

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

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

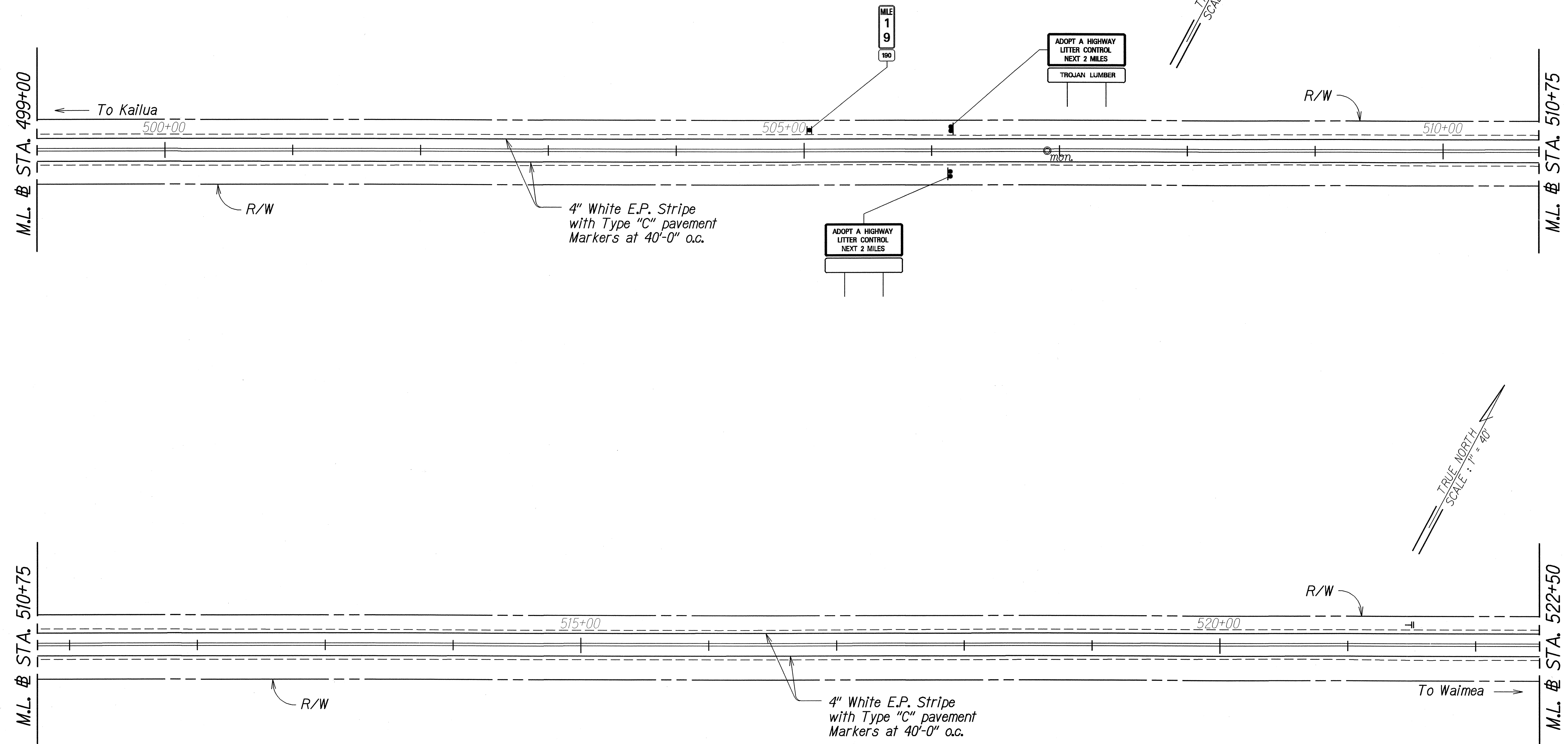
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLANS
MAMALAHOA HIGHWAY PAVEMENT PREVENTIVE MAINTENANCE PU'UWA'AWA RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006

SHEET No. 5 OF 12 SHEETS

"AS-BUILT"

12

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	13	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	11/11/06
Field Notes	TRACED BY	
Quantities	QUANTITIES BY	
Checked	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	14	26

M.L. # STA. 522+50

To Kailua

525+00

530+00

mon.

PC Sta 531+44.41

R/W

4" White E.P. Stripe
with Type "C" pavement
Markers at 40'-0" o.c.

R/W

M.L. # STA. 534+50

TRUE NORTH
SCALE : 1" = 40'

M.L. # STA. 534+50

535+00

mon.

PT Sta 536+95.18 AH = EQ.
PT Sta 536+73.59 BK

R/W

540+00

545+00

R/W

4" White E.P. Stripe
with Type "C" pavement
Markers at 40'-0" o.c.

To Waimea

M.L. # STA. 546+50

TRUE NORTH
SCALE : 1" = 40'

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
DATE	_____

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

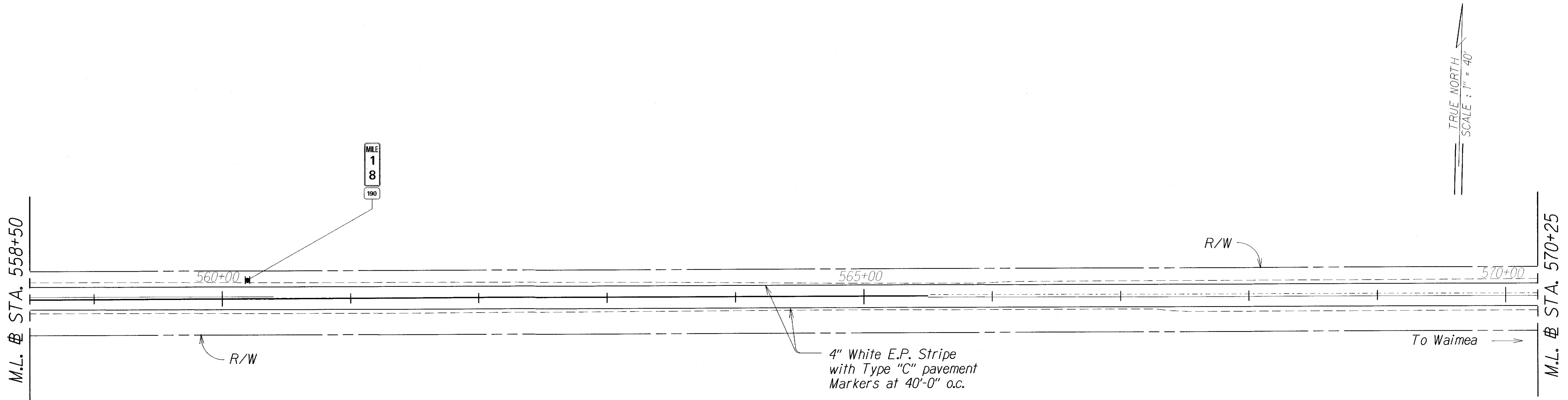
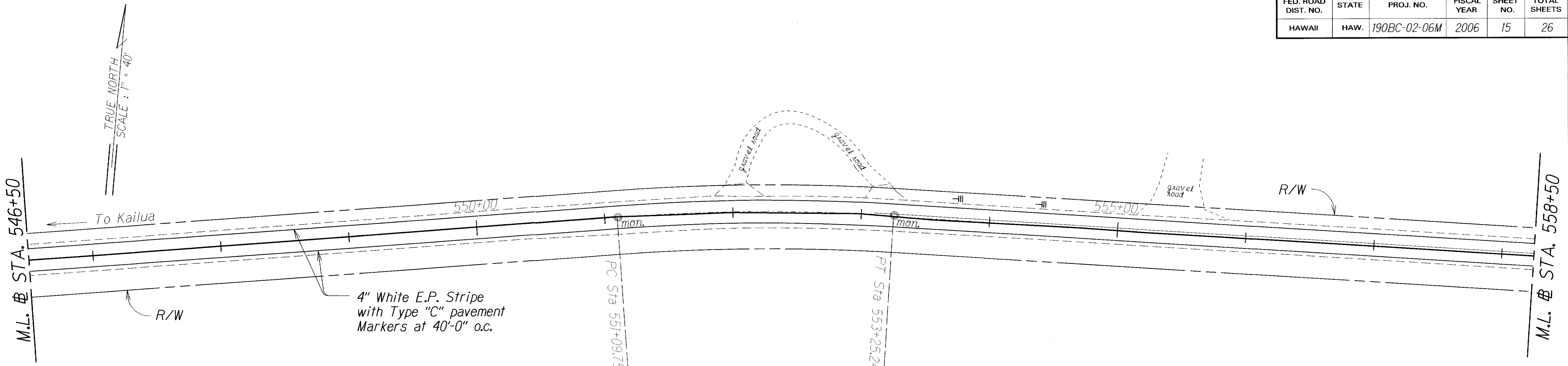
ROADWAY PLANS

MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA' RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006

SHEET No. 7 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	15	26

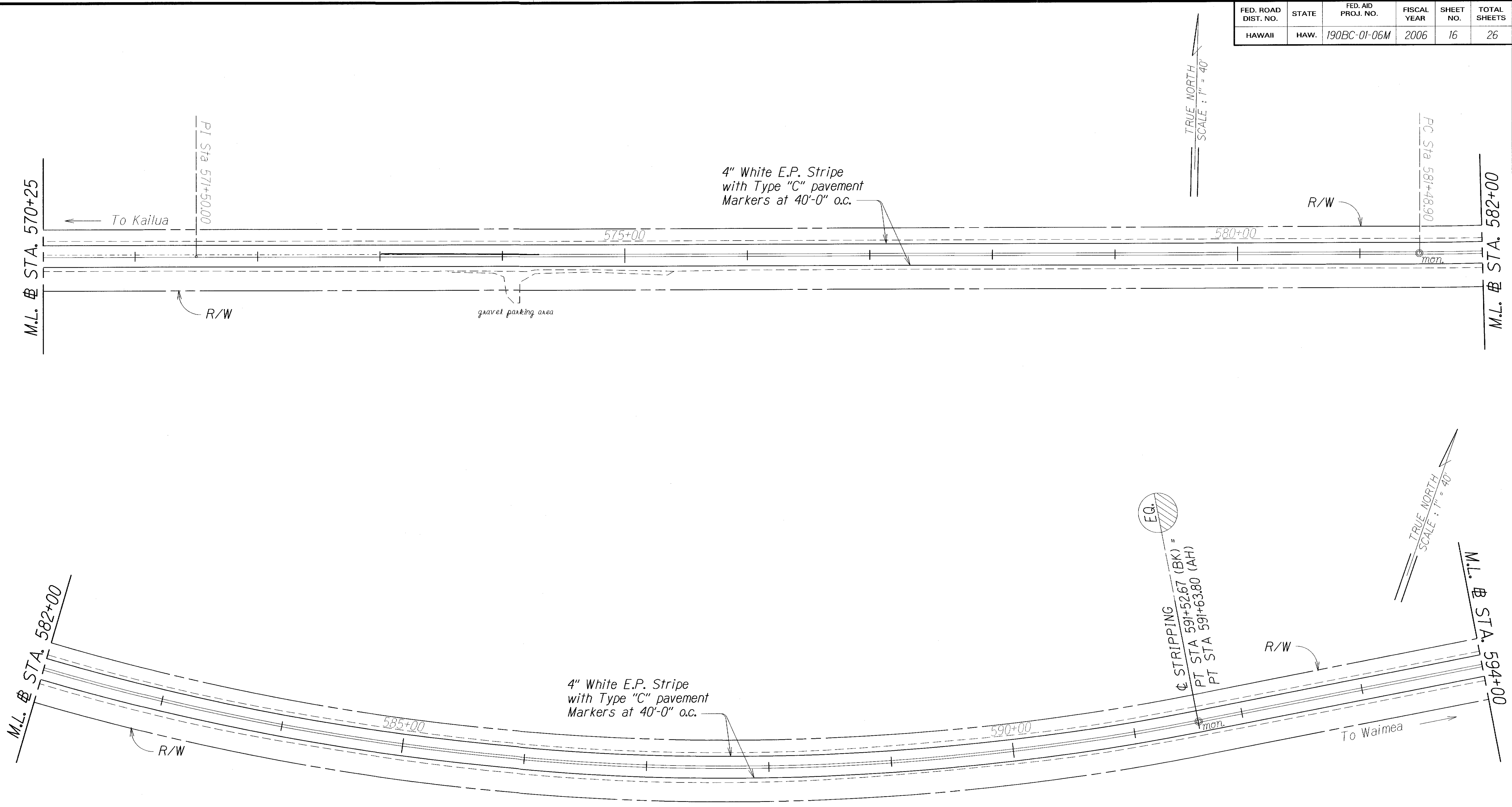


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		

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
ROADWAY PLANS
MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA'A RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006
SHEET No. 8 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-01-06M	2006	16	26



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

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

ROADWAY PLANS

MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA'A RANCH TO PU'UANAHULU

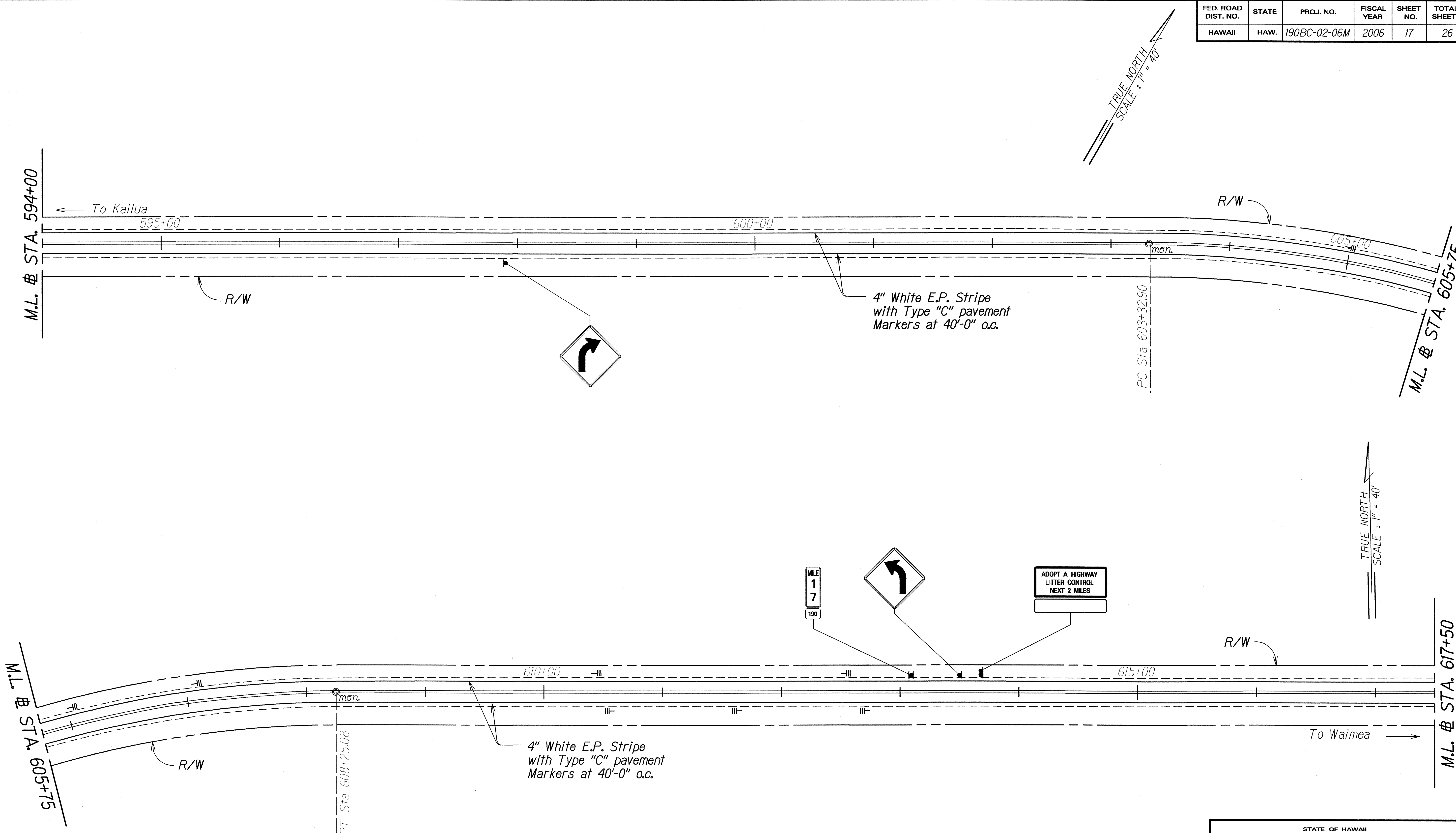
PROJECT NO. 190BC-02-06M

Scale: 1"=40' Date: April, 2006

SHEET No. 9 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	17	26

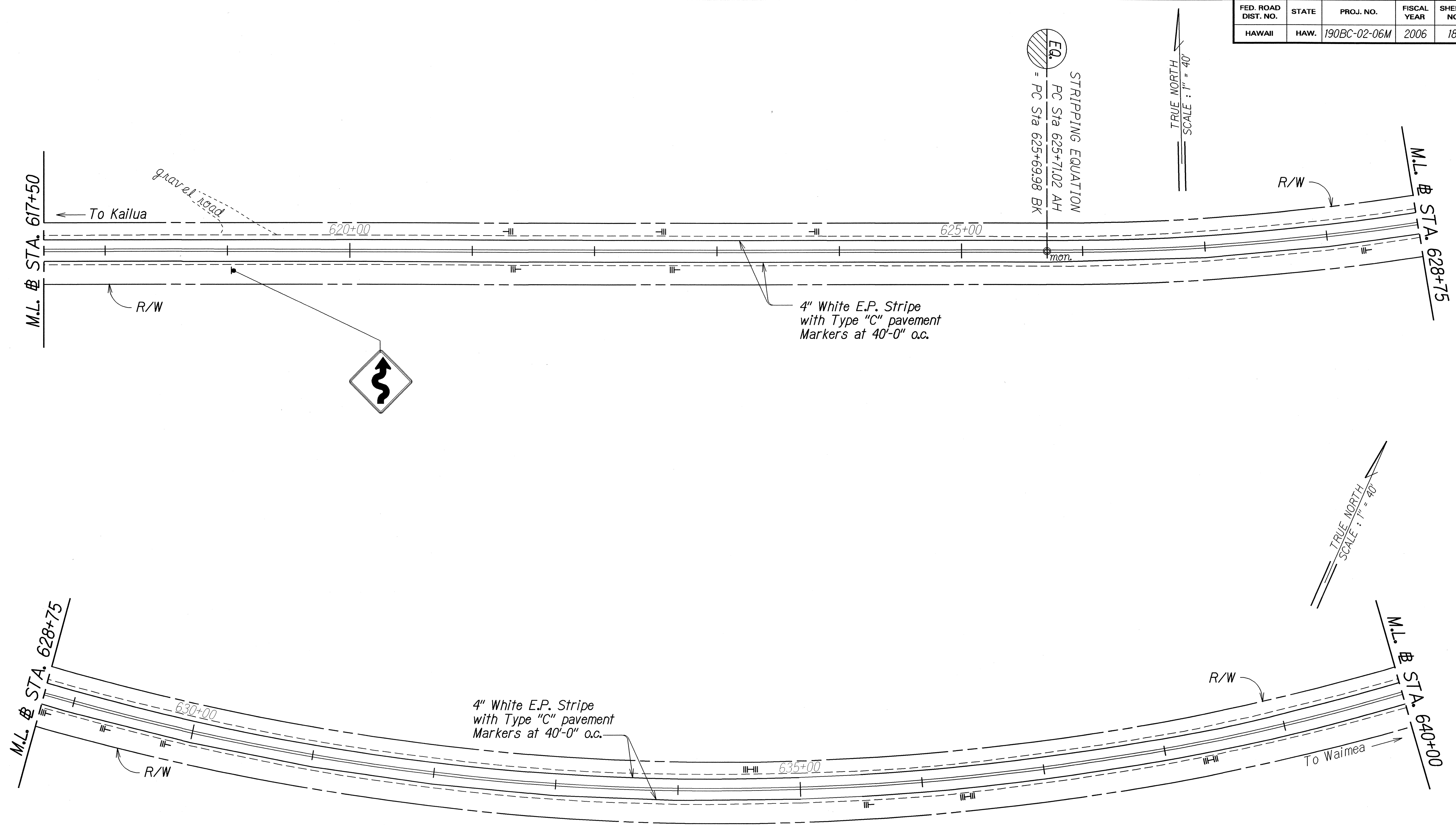


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	2
FIELD BOOK	TRACED BY	
CHECKED BY	QUANTITIES BY	
	hel/keawe	
	Stamapudugi	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
MAMALAHOA HIGHWAY
PAVEMENT PREVENTIVE MAINTENANCE
PU'UWA'AWA RANCH TO PU'UANAHULU
PROJECT NO. 190BC-02-06M
Scale: 1"=40' Date: April, 2006
SHEET No. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	18	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
CHECKED BY	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

MAMALAHOA HIGHWAY

PAVEMENT PREVENTIVE MAINTENANCE

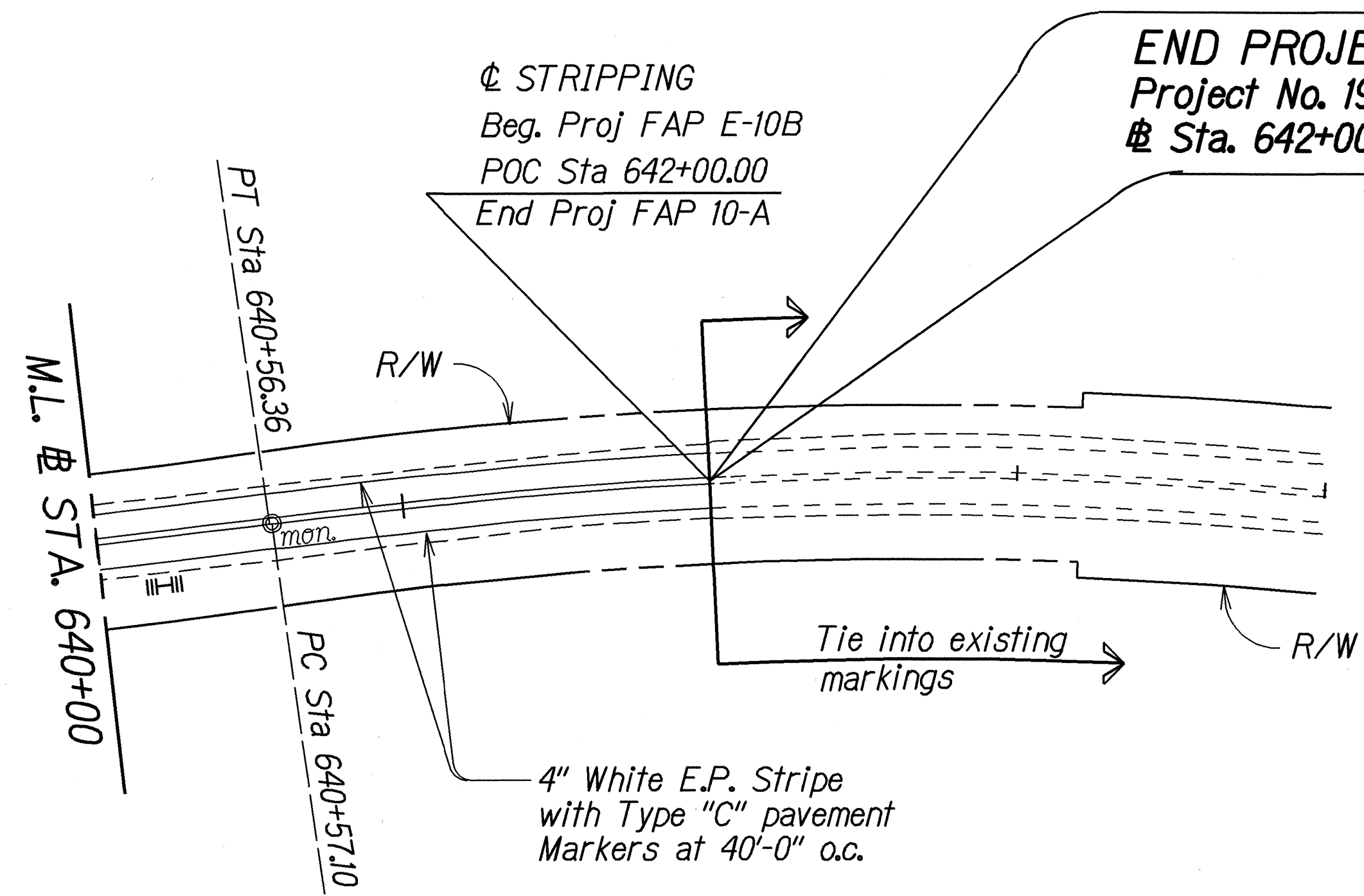
PU'UWA'AWA RANCH TO PU'UANAHULU

PROJECT NO. 190BC-02-06M

Scale: 1"=40' Date: April, 2006

SHEET No. 11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190BC-02-06M	2006	19	26



TRUE NORTH
SCALE: 1" = 40'

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

MAMALAHOA HIGHWAY

PAVEMENT PREVENTIVE MAINTENANCE

PU'UWA'AWA RANCH TO PU'UANAHULU

PROJECT NO. 190BC-02-06M

Scale: 1"=40' Date: April, 2006

SHEET No. 12 OF 12 SHEETS