

Attachment A-5
Portions of Contract Plans

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X

Sta. 144+20± to Sta. 147+56± o/s Lt.
Remove Existing Guardrail with Rubrail (335 L.F.).
Install SKT-350 at Approaching End (1 Ea.).
Install W-Beam Guardrail with Strong Post and Rubrail (287.5 L.F.).

Sta. 147+88± to Sta. 148+38± o/s Lt.
Remove Existing Guardrail (50 L.F.).
Install FLEAT TL-2 at Approaching and Trailing Ends (2 Ea.).

Sta. 148+84± to Sta. 149+72± o/s Lt.
Remove Existing Guardrail (87.5 L.F.).
Install SKT-S-TL-2 at Approaching and Trailing Ends (2 Ea.).
Install W-Beam Guardrail with Strong Post (37.5 L.F.).

Sta. 149+97± to Sta. 150+47± o/s Lt.
Remove Existing Guardrail (50 L.F.).
Install SKT-S-TL-2 at Approaching and Trailing Ends (2 Ea.).

BEGIN PROJECT
Project No. 83B-01-12M
Sta. 144+20

Sta. 152+28± to Sta. 152+80± o/s Lt.
Install Modified Type G with Rounded End at Approaching and Trailing Ends (2 Ea.).
Install W-Beam Guardrail with Strong Post (37.5 L.F.).

Sta. 151+62± to Sta. 152+10± o/s Lt.
Install Modified Type G with Rounded End at Approaching and Trailing Ends (2 Ea.).
Install W-Beam Guardrail with Strong Post (24 L.F.).

Sta. 152+98± to Sta. 153+38± o/s Lt.
Install Modified Type G with Rounded End at Approaching and Trailing Ends (2 Ea.).
Install W-Beam Guardrail with Strong Post (25 L.F.).

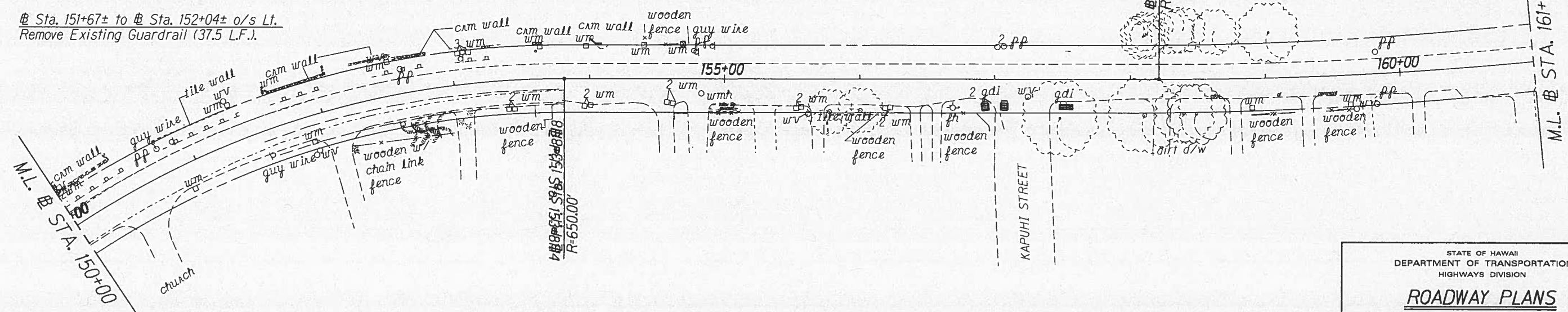
Sta. 152+40± to Sta. 152+77± o/s Lt.
Remove Existing Guardrail (37.5 L.F.).

Sta. 153+03± to Sta. 153+28± o/s Lt.
Remove Existing Guardrail (25 L.F.).

Sta. 157+38± to Sta. 162+10± o/s Lt.
Install Modified Type G with Rounded End at Approaching and Trailing Ends (2 Ea.),
W-Beam Guardrail (Nested) with Strong Posts (12.5 L.F.), W-Beam Guardrail with 8' Strong Posts and Rubrail (100 L.F.).

Sta. 150+78± to Sta. 151+40± o/s Lt.
Remove Existing Guardrail (62.5 L.F.).
Install SKT-S-TL-2 at Approaching and Trailing Ends (2 Ea.).
Install W-Beam Guardrail with Strong Post (12.5 L.F.).

Sta. 151+67± to Sta. 152+04± o/s Lt.
Remove Existing Guardrail (37.5 L.F.).



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

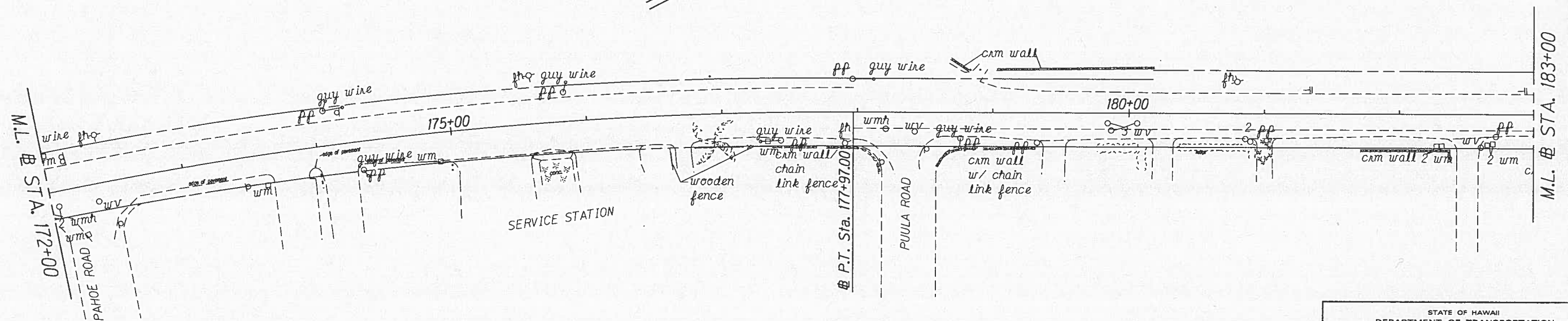
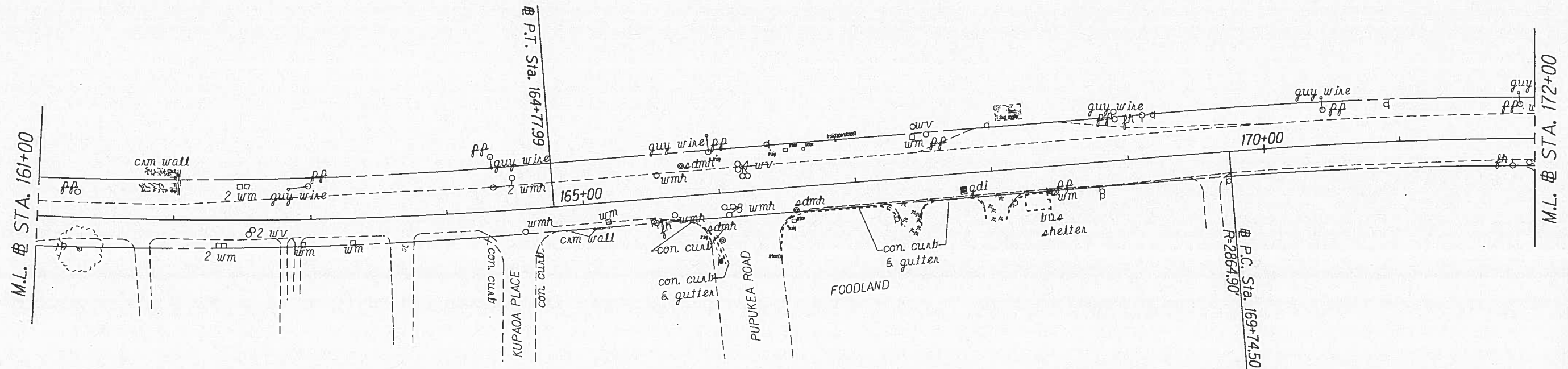
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M

Scale: 1" = 40' Date: XX, 2012

SHEET No. 1 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

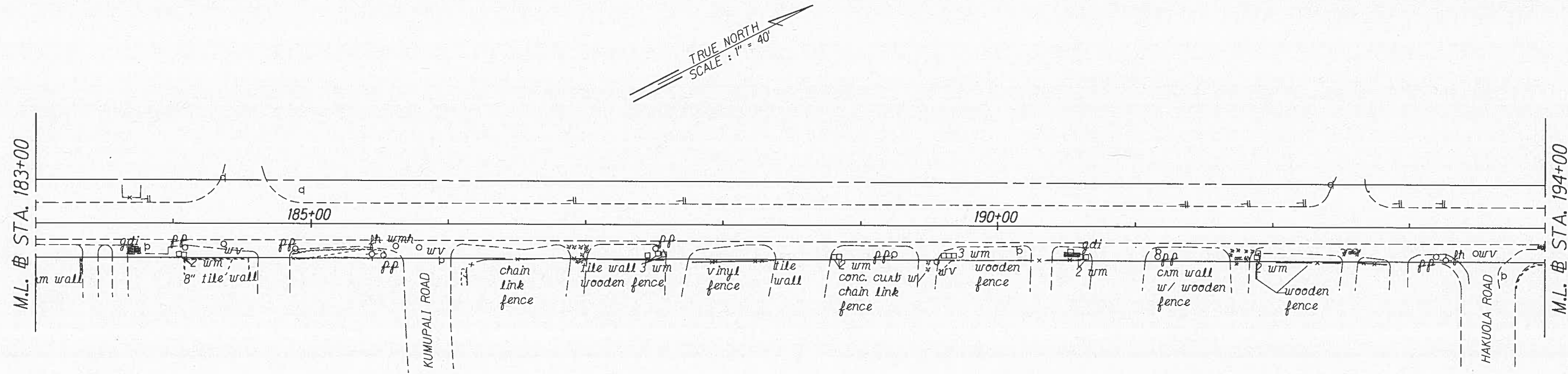
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M

Scale: 1" = 40' Date: XX, 2012

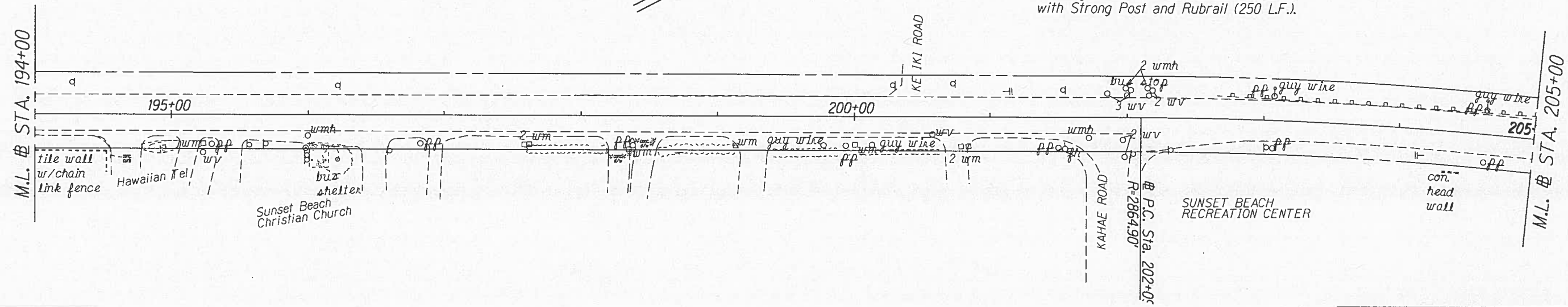
SHEET No. 2 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



Sta. 202+67± to Sta. 205+42± o/s Lt.
Remove Existing Guardrail with Rubrail (275 L.F.).

Sta. 202+42± to Sta. 205+67± o/s Lt.
Install: FLEAT-350 at Approaching and
Trailing Ends (2 Ea.). W-Beam Guardrail
with Strong Post and Rubrail (250 L.F.).



Sta. 203+70± to Sta. 204+70± o/s Rt.
Install: FLEAT-350 at Approaching End (1 Ea.).
Modified Type G with Rounded End at Trailing End (1 Ea.).
W-Beam Guardrail with Strong Post (50 L.F.).

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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4/10/03	QUANTITIES BY	
	CHECKED BY	

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HIGHWAYS DIVISION

ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION

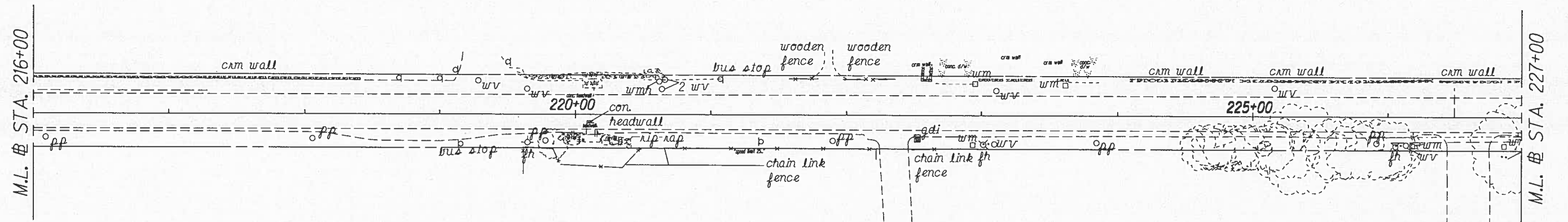
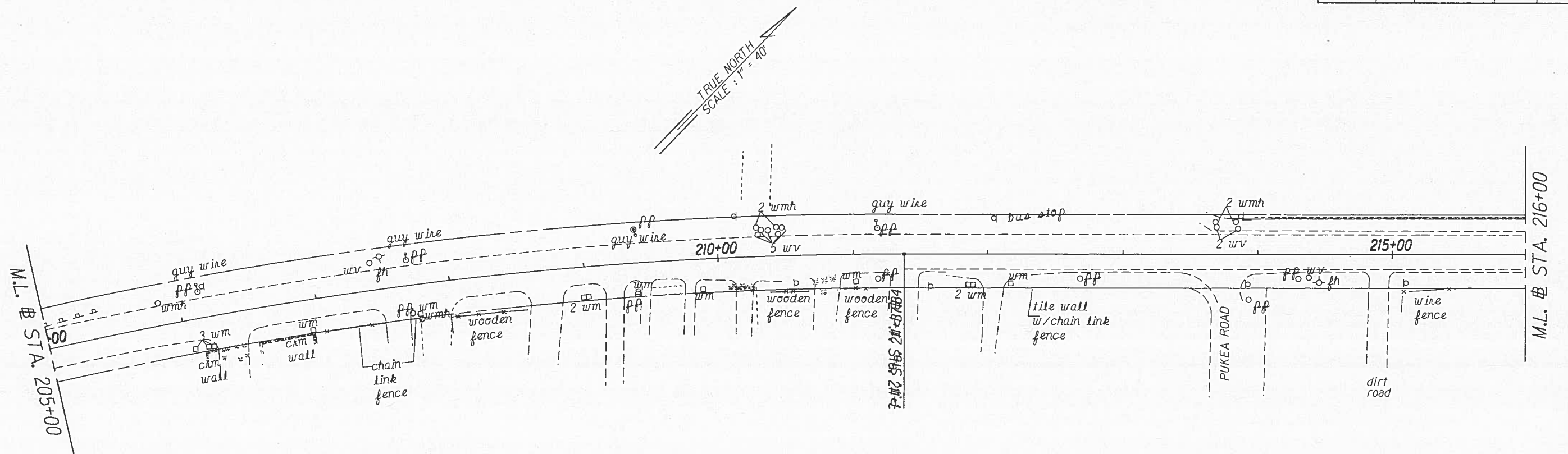
Vicinity of Kapuhi Street to Dairy Road

Project No. 83B-01-12M

Scale: 1" = 40' Date: XX, 2012

SHEET No. 3 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

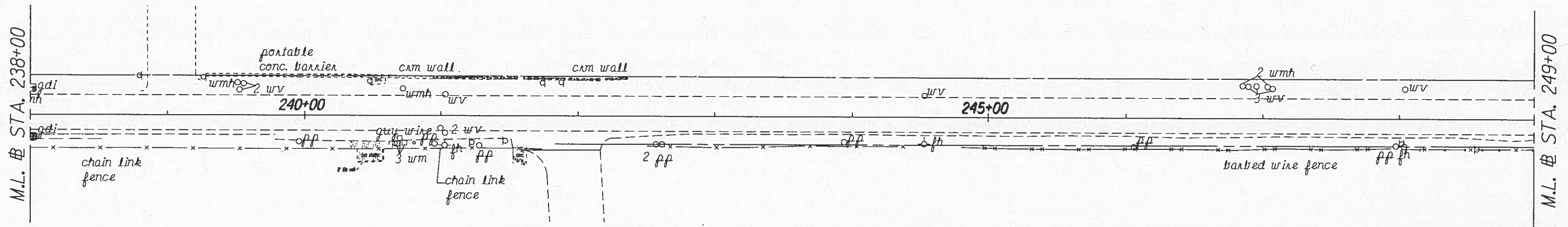
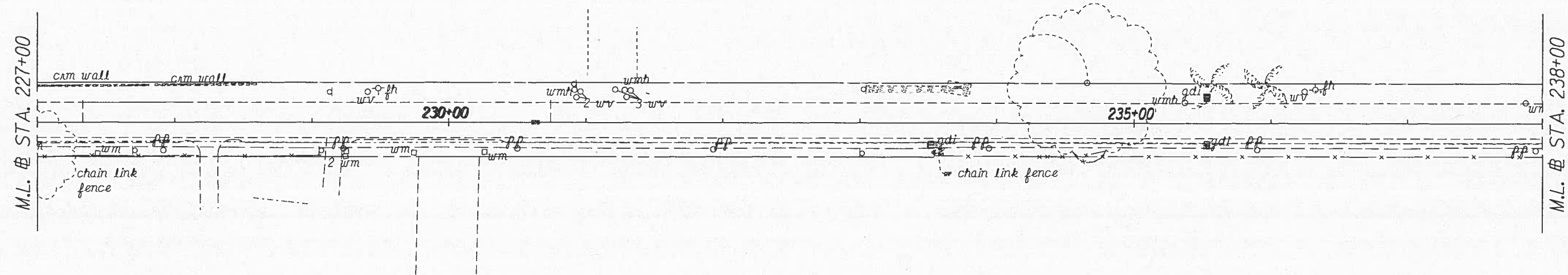
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M

Scale: 1" = 40'
Date: XX, 2012

SHEET No. 4 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

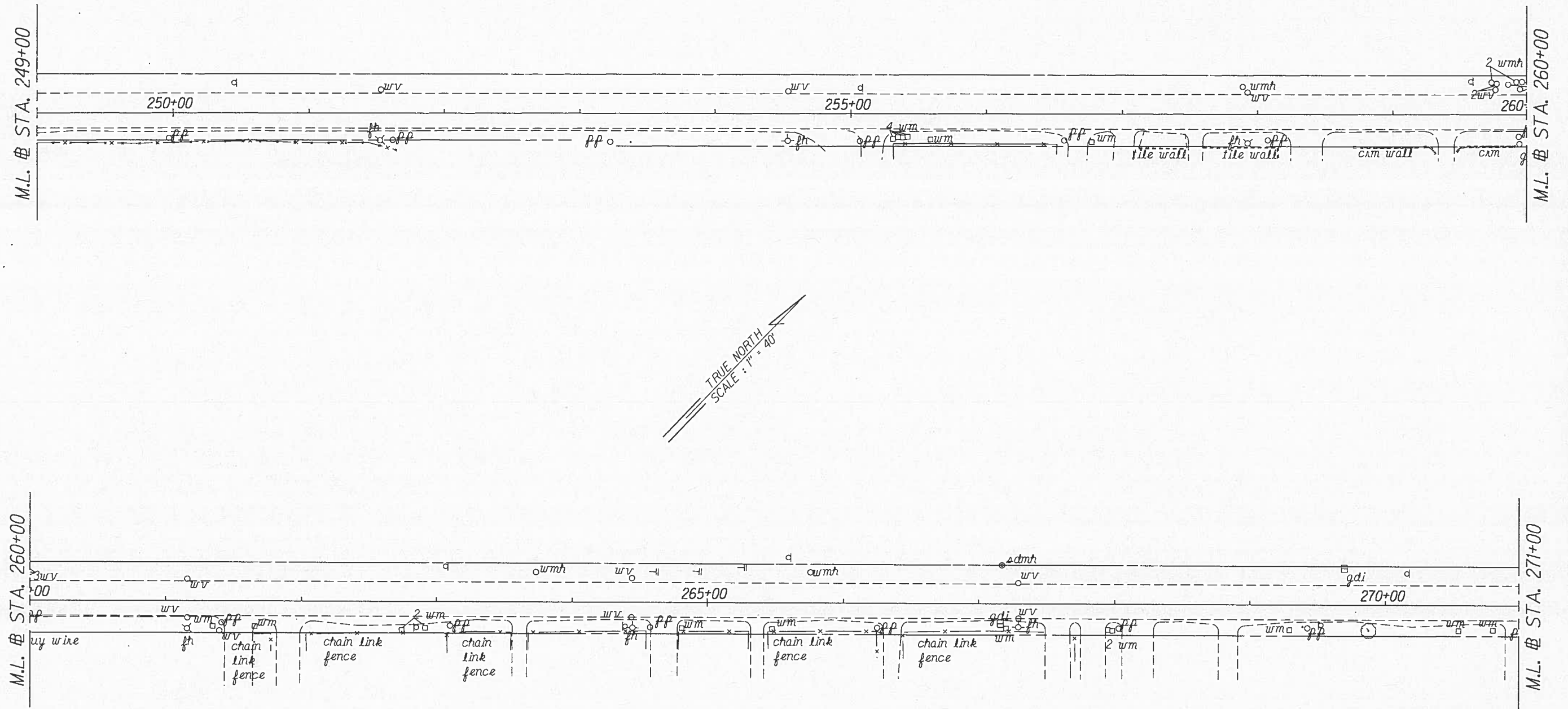
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M

Scale: 1" = 40'
Date: XX, 2012

SHEET No. 5 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION

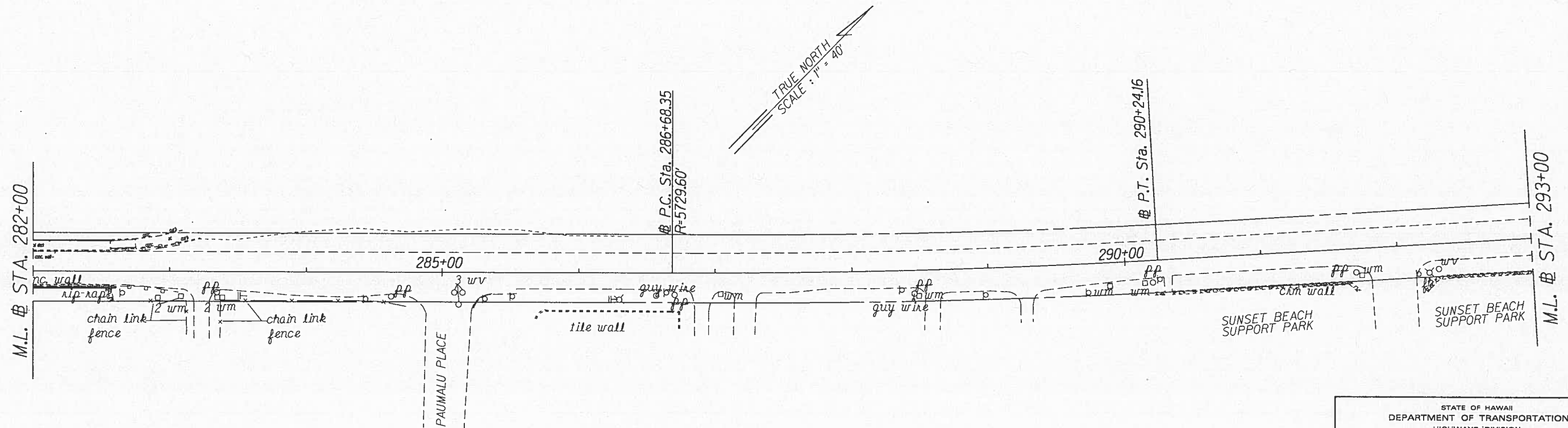
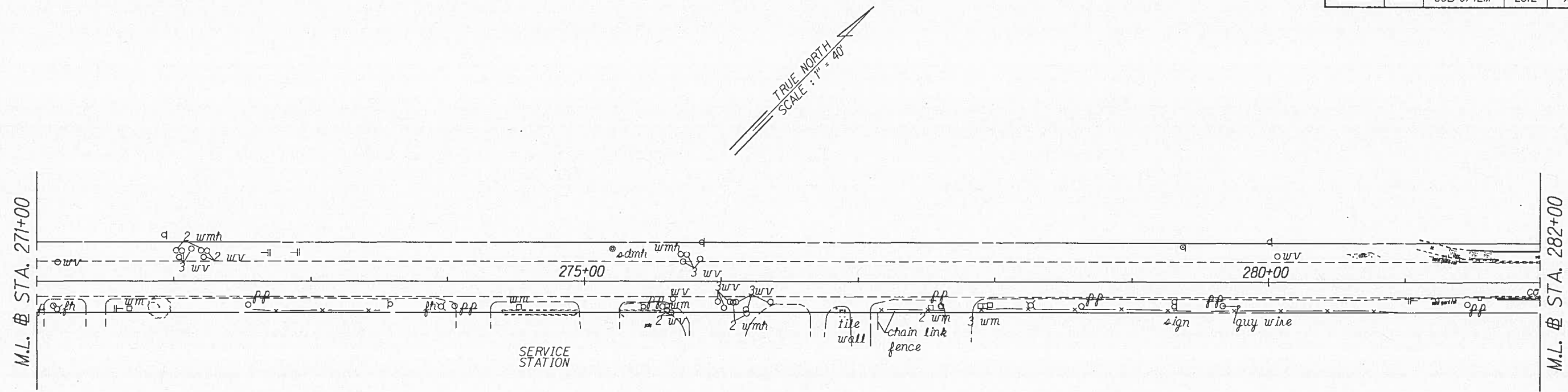
Vicinity of Kapuhi Street to Dairy Road

Project No. 83B-01-12M

Scale: 1" = 40' Date: XX, 2012

SHEET No. 6 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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11/14/07		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION

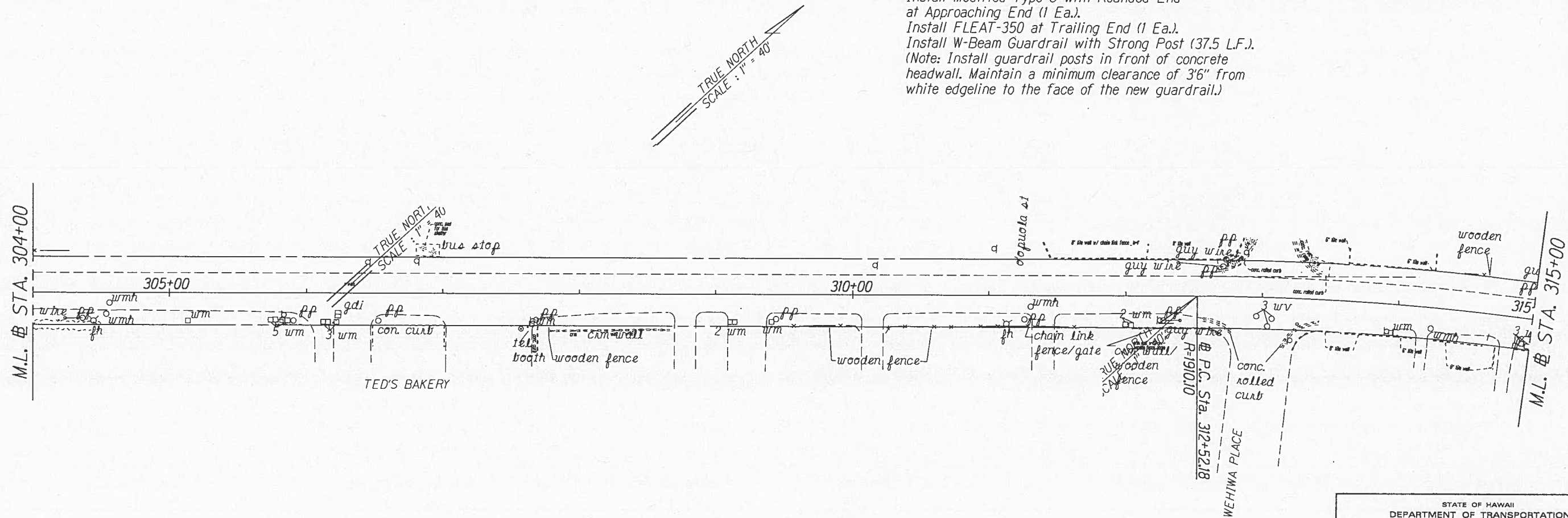
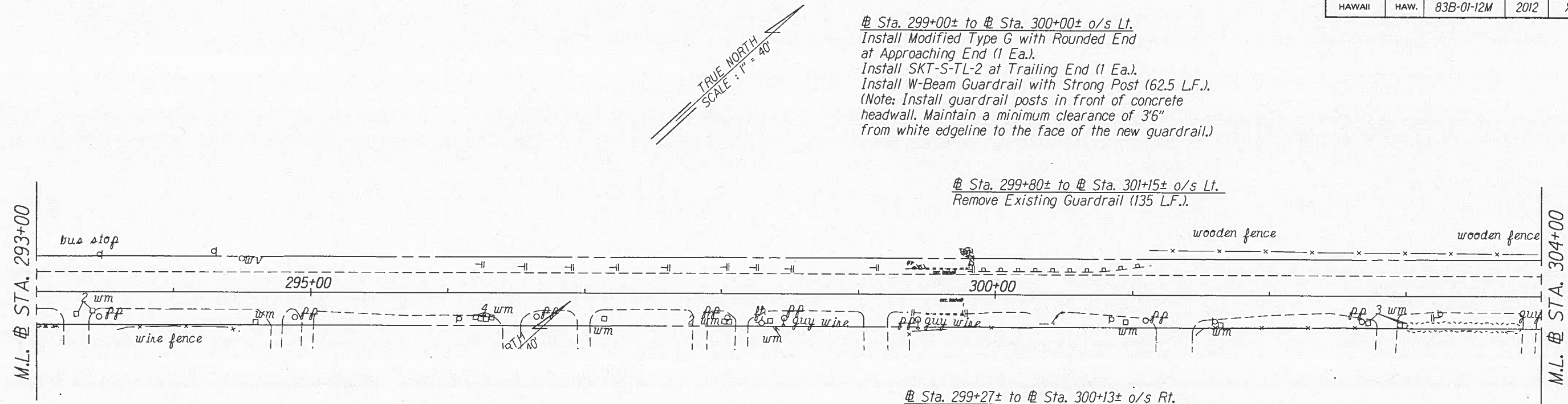
Vicinity of Kapuhi Street to Dairy Road

Project No. 83B-01-12M

Scale: 1" = 40' Date: XX, 2012

SHEET No. 7 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



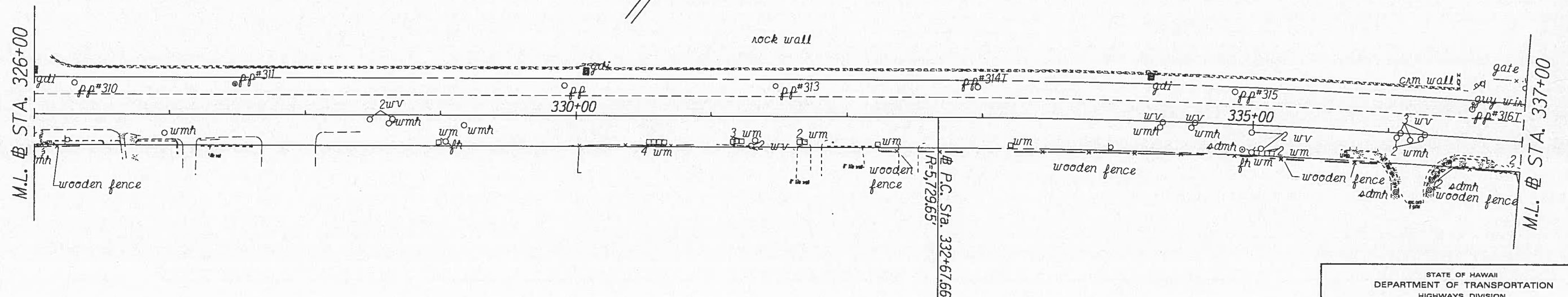
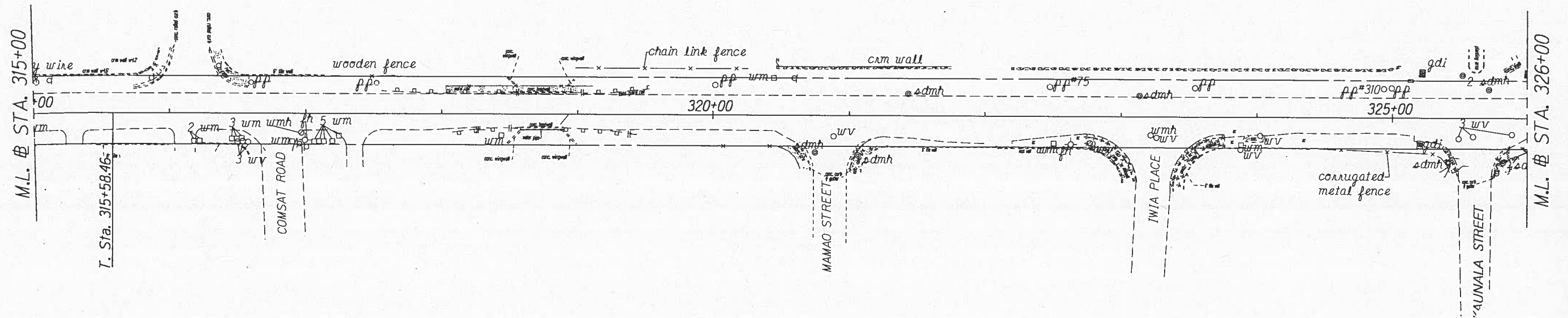
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HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M
Scale: 1" = 40'
Date: XX, 2012

SHEET No. 8 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

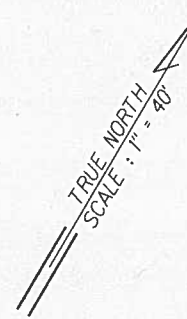
ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
Vicinity of Kapuhi Street to Dairy Road
Project No. 83B-01-12M

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SHEET No. 9 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-12M	2012	X	X



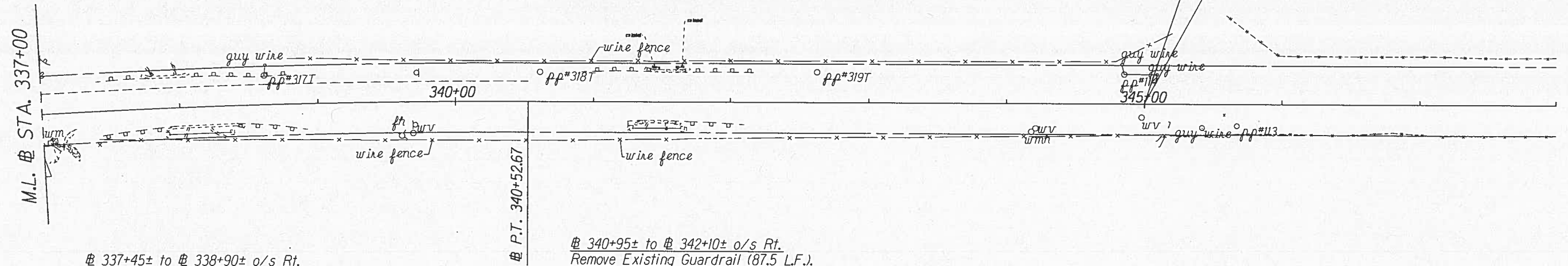
337+40± to # 338+75± o/s Lt.
Remove Existing Guardrail (112.5 L.F.).

337+27± to # 339+27± o/s Lt.
Install FLEAT-350 at Approaching and Trailing Ends (2 Ea.).
Install Nested W-Beam Guardrail with Strong Post (37.5 L.F.).
Install W-Beam Guardrail with Strong Post (37.5 L.F.).
Install W-Beam Guardrail with Strong Post and Rubrail (50.0 L.F.).

340+90± to # 342+15± o/s Lt.
Remove Existing Guardrail (100 L.F.).

340+90± to # 342+15± o/s Lt.
Install FLEAT-350 at Approaching and Trailing End (2 Ea.).
W-Beam Guardrail with Strong Post (25 L.F.).
Nested W-Beam Guardrail with Strong Post (37.5 L.F.).

PROJECT END
Project No. 83B-01-12M
Sta. 345+00



337+45± to # 338+90± o/s Rt.
Remove Existing Guardrail (100 L.F.).
Install FLEAT-350 at Approaching and Trailing Ends (2 Ea.).
W-Beam Guardrail with Strong Post (37.5 L.F.).
Nested W-Beam Guardrail with Strong Post (37.5 L.F.).

340+95± to # 342+10± o/s Rt.
Remove Existing Guardrail (87.5 L.F.).

340+90± to # 342+15± o/s Lt.
Install FLEAT-350 at Approaching and Trailing End (2 Ea.).
W-Beam Guardrail with Strong Post (12.5 L.F.).
Nested W-Beam Guardrail with Strong Post (37.5 L.F.).

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	TRACED BY	
NOTE BOOK	DESIGNED BY	
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STATE OF HAWAII
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ROADWAY PLANS

KAMEHAMEHA HIGHWAY REHABILITATION
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SHEET No. 10 OF 10 SHEETS