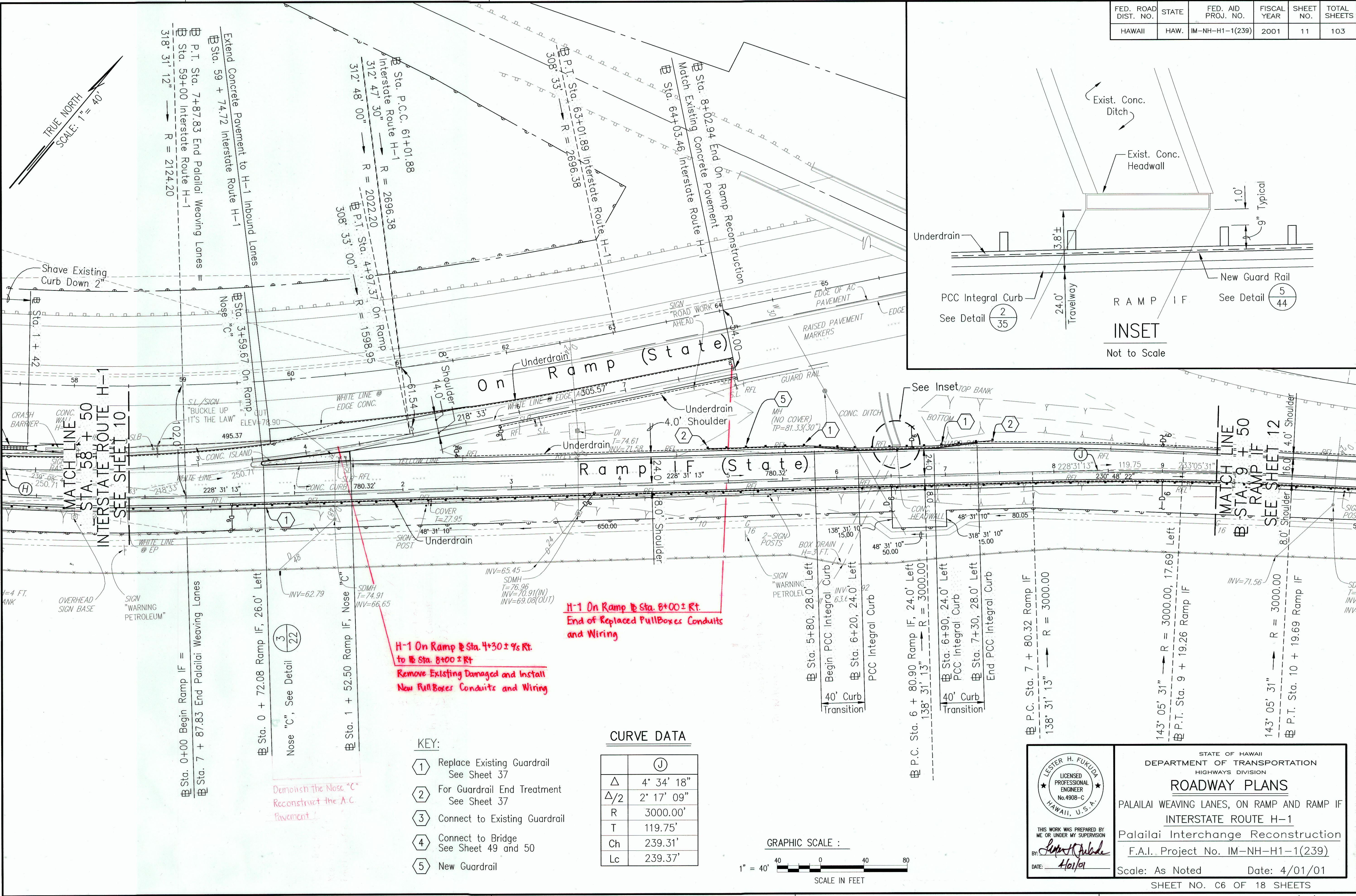
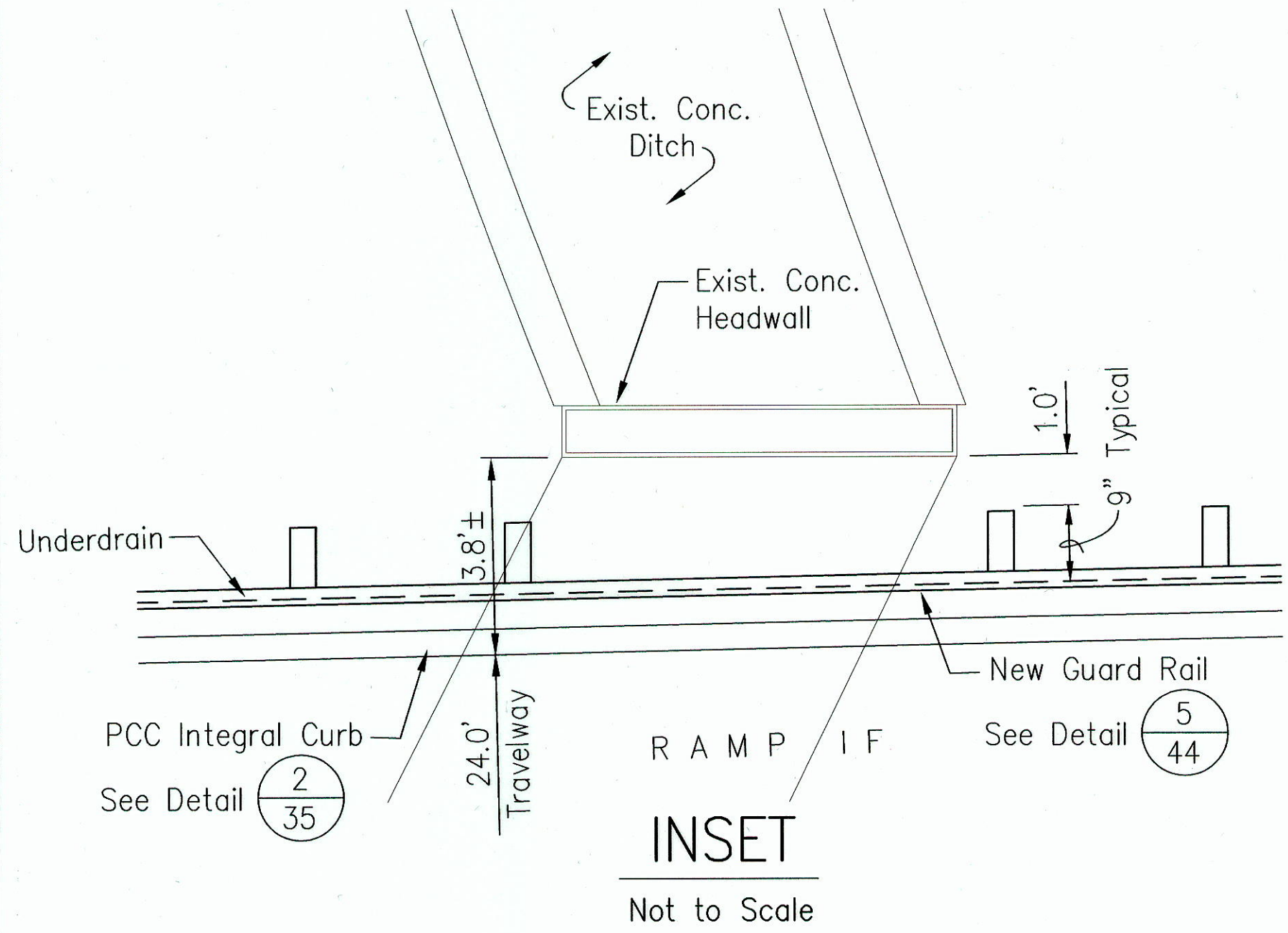


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	11	103



DATE: 12/18/98
 PLOT SCALE: 1"=100'
 FILE: P1-RAMPS.DWG
 JOB NO. 9810B

PM: LKH
 OPER: LKH/PT*/NAM
 REVISED: 04/16/01

ORIGINAL PLAN	DATE
NO.	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 BY: *Lester H. Fukuda*
 DATE: *4/01/01*

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLANS

PALILALAI WEAVING LANES, ON RAMP AND RAMP IF
 INTERSTATE ROUTE H-1
 Palilalai Interchange Reconstruction
 F.A.I. Project No. IM-NH-H1-1(239)
 Scale: As Noted Date: 4/01/01

SHEET NO. C6 OF 18 SHEETS

"AS-BUILT"

PM: LKH
OPER: LSA/LKH/PT*/MAM
REVISED: 04/16/01

DATE: 12/18/98
PLOT SCALE: 1=1
FILE: PI-RAMPS.DWG
JOB NO. 9810B

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

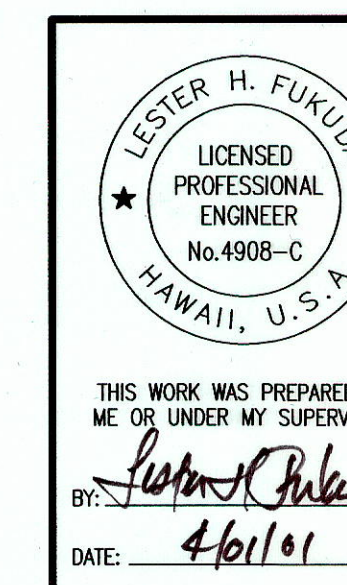
KEY:

①	Replace Existing Guardrail See Sheet 37
②	For Guardrail End Treatment See Sheet 37
③	Connect to Existing Guardrail
④	Connect to Bridge See Sheet 49 and 50
⑤	New Guardrail

GRAPHIC SCALE :

40' 40 0 40

SCALE IN FEET



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

RAMP IF

INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted Date: 4/01/01

SHEET NO. C7 OF 18 SHEETS

KEY:

- 1 Replace Existing Guardrail See Sheet 37
- 2 For Guardrail End Treatment See Sheet 37
- 3 Connect to Existing Guardrail
- 4 Connect to Bridge See Sheet 49 and 50
- 5 New Guardrail

CURVE DATA

	(L)
Δ	29° 26' 00"
Δ/2	14° 23' 00"
R	1200.00'
T	315.19'
Ch	619.45'
Lc	609.69'

GRAPHIC SCALE :

1" = 40'

SCALE IN FEET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
KALAELOA BLVD.
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)
Scale: As Shown Date: 4/01/01
SHEET NO. C8 OF 18 SHEETS

Kalaebha Blvd. B Sta. 0+97.95 Lt. to
B Sta. 1+14.95 Lt.
Remove 15' Existing Curb and Install
17'-6 3/4" Curb Under the Guardrail
Detail Section B/02/04

KEY:

- ① Replace Existing Guardrail
See Sheet 37
- ② For Guardrail End Treatment
See Sheet 37
- ③ Connect to Existing Guardrail
- ④ Connect to Bridge
See Sheet 49 and 50
- ⑤ New Guardrail

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

GRAPHIC SCALE :

1" = 40'

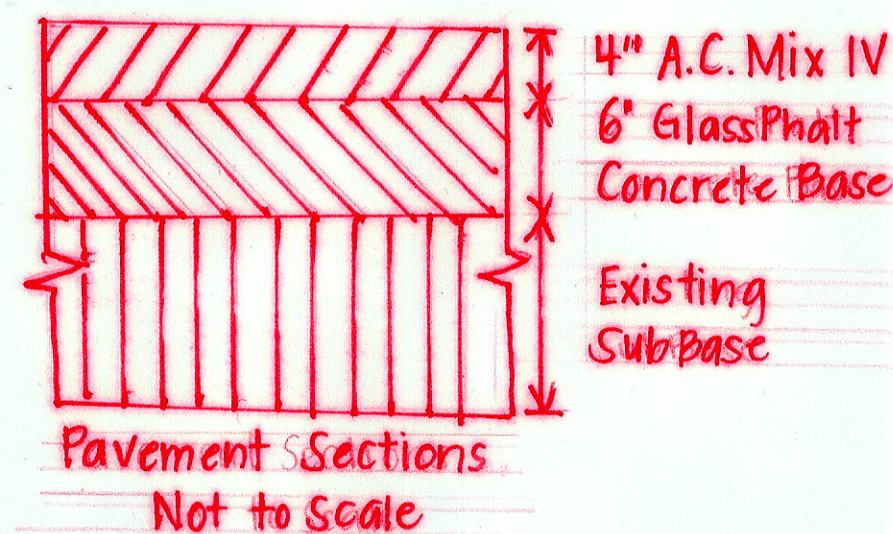
40 0 40 80

SCALE IN FEET

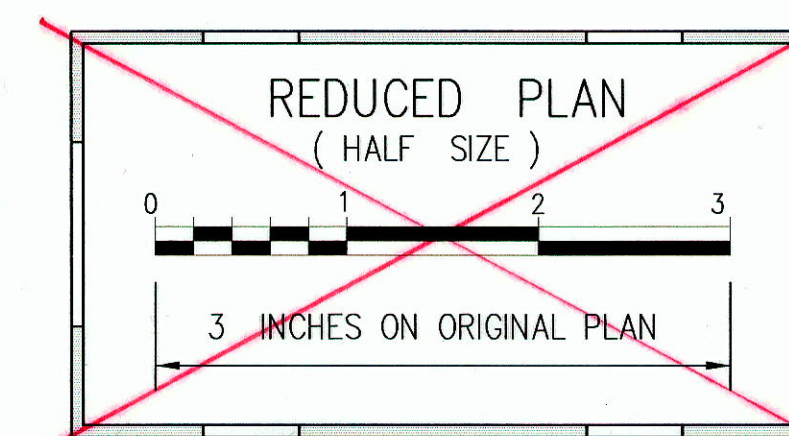
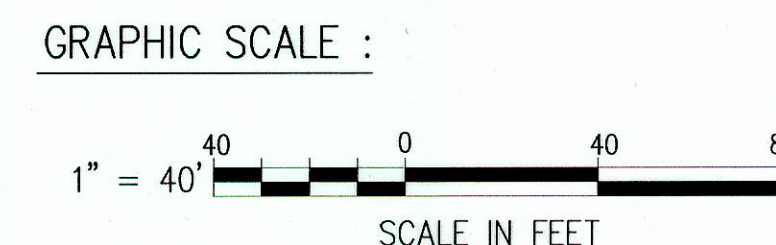
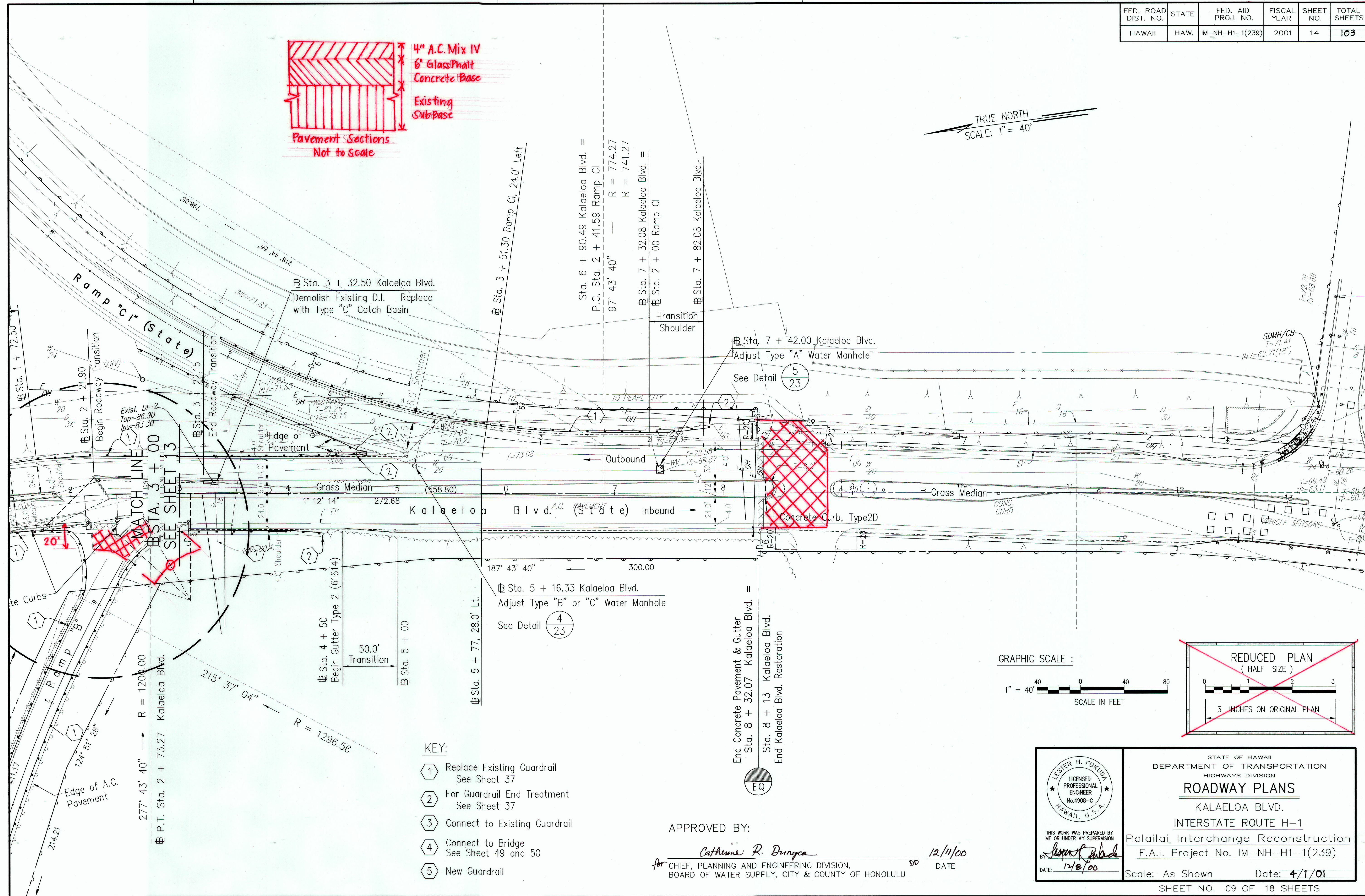
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
KALAELOA BLVD.
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)
Scale: As Shown Date: 4/01/01
SHEET NO. C8 OF 18 SHEETS

13

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	14	103



TRUE NORTH
SCALE: 1" = 40'



- KEY:
- ① Replace Existing Guardrail See Sheet 37
 - ② For Guardrail End Treatment See Sheet 37
 - ③ Connect to Existing Guardrail
 - ④ Connect to Bridge See Sheet 49 and 50
 - ⑤ New Guardrail

APPROVED BY:
Catherine R. Dungca 12/11/00
for CHIEF, PLANNING AND ENGINEERING DIVISION, BOARD OF WATER SUPPLY, CITY & COUNTY OF HONOLULU DATE

LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: *[Signature]*
DATE: 12/8/00

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

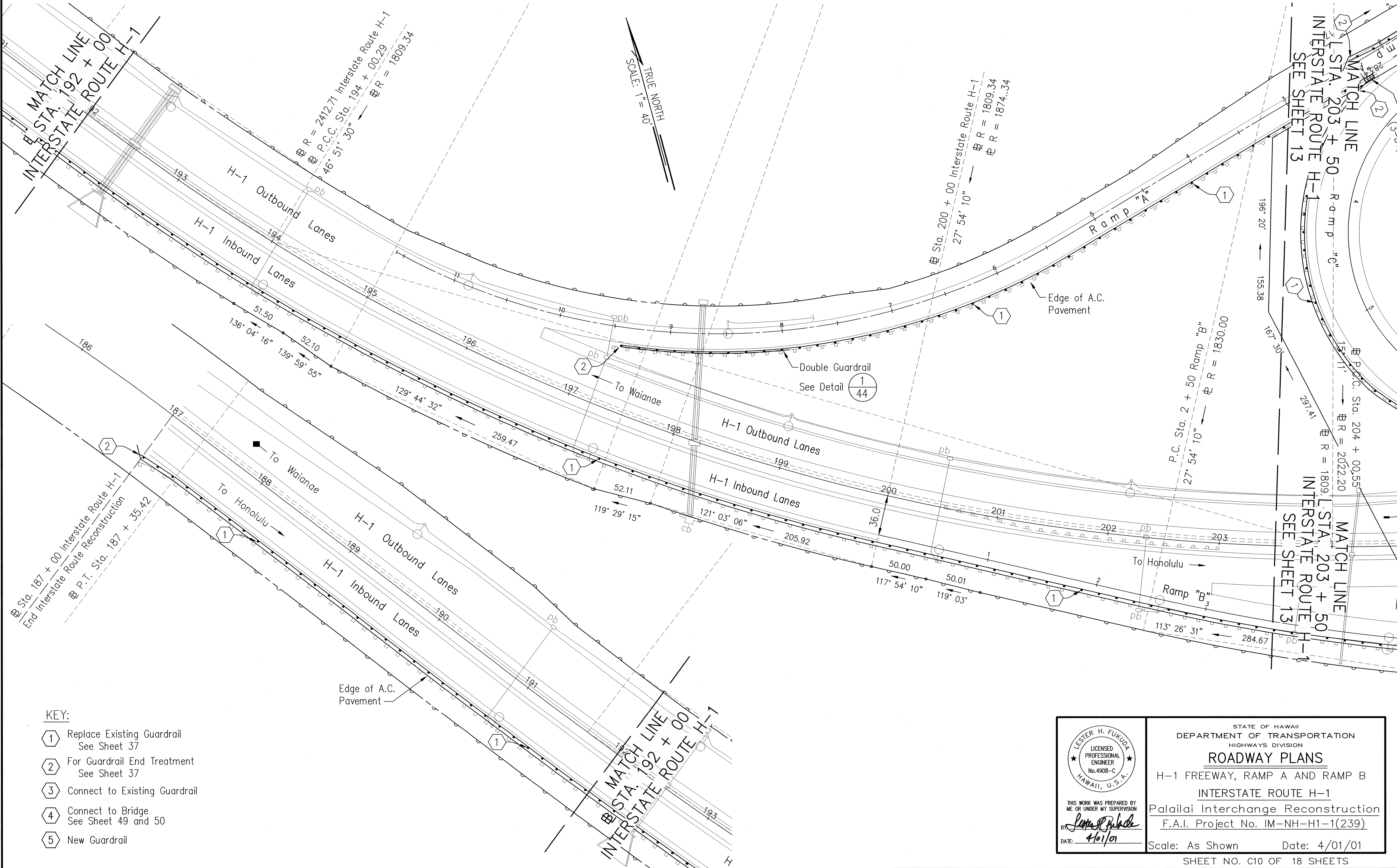
ROADWAY PLANS
KALAELOA BLVD.
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/1/01

SHEET NO. C9 OF 18 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	15	103



- KEY:
- 1 Replace Existing Guardrail See Sheet 37
 - 2 For Guardrail End Treatment See Sheet 37
 - 3 Connect to Existing Guardrail
 - 4 Connect to Bridge See Sheet 49 and 50
 - 5 New Guardrail

LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY *[Signature]*
DATE: 4/01/01

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

H-1 FREEWAY, RAMP A AND RAMP B
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Shown Date: 4/01/01

SHEET NO. C10 OF 18 SHEETS

DESIGNED BY	DATE
TRACED BY	
NOTED BY	
CHECKED BY	
APPROVED BY	
DATE	

DATE: 10/15/98
PLOT SCALE: 1" = 1
FILE: PI-layout_road.dwg
JOB NO: 9310B

JUN
PM: LKH/PT*/MAM
OPER: 04/16/01
REVISED:

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	16	103

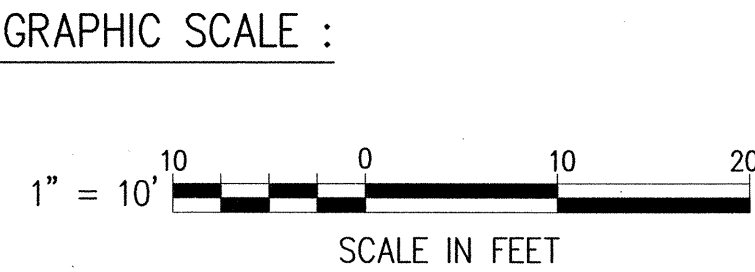
CURVE DATA

	①	②	③	④	⑤	⑥
Δ	19° 43' 01"	155° 40' 46"	4° 36' 13"	80° 16' 30"	153° 50' 37"	
Δ/2	9° 51' 31"	77° 50' 23"	2° 18' 07"	40° 08' 15"	76° 55' 19"	
R	50.00'	1.50'	50.00'	2.00'	2.00'	
T	8.69'	6.96'	2.01'	1.69'	8.61'	
Ch	17.12'	2.93'	4.02'	2.58'	3.90'	
Lc	17.21'	4.08'	4.02'	2.80'	5.37'	

	⑦	⑧	⑧a	⑨	⑩	⑪
Δ	16° 04' 53"	64° 38' 52"	33° 01' 54"	13° 40' 19"	140° 30' 08"	96° 36' 00"
Δ/2	8° 02' 27"	32° 19' 26"	16° 30' 57"	6° 50' 10"	70° 15' 04"	48° 18' 00"
R	180.00'	60.00'	82.00'	190.00'	2.00'	2.00'
T	25.43'	37.97'	24.31'	22.78'	5.57'	2.24'
Ch	50.36'	64.16'	46.62'	45.23'	3.76'	2.99'
Lc	50.52'	67.70'	47.27'	45.34'	4.90'	3.37'

	⑫
Δ	155° 55' 46"
Δ/2	77° 57' 53"
R	2.00'
T	9.38'
Ch	3.91'
Lc	5.44'

① Area of Grass Restoration, See Detail ②/23



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DATE: 4/01/01

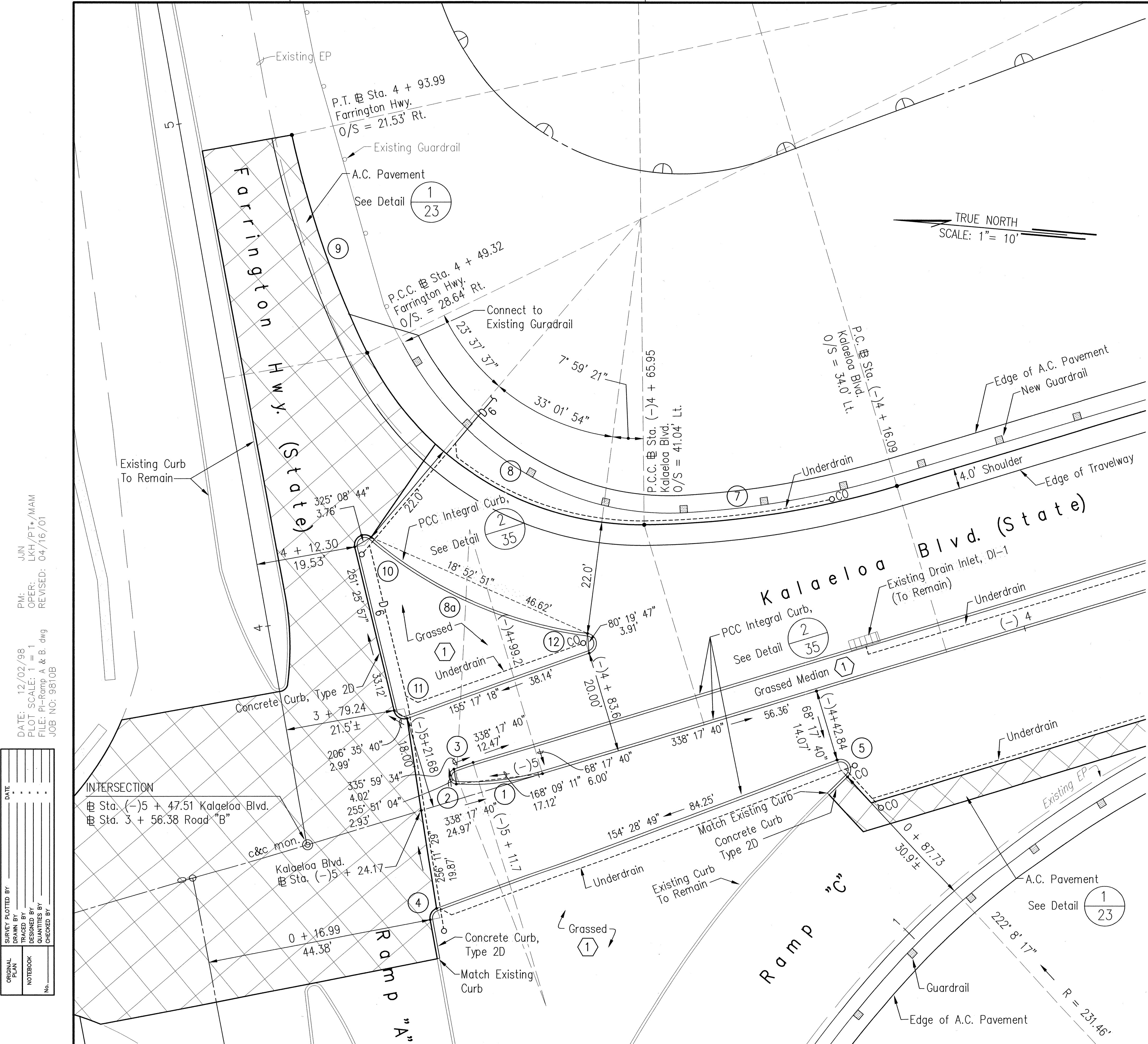
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL ROADWAY PLANS

KALAELOA BLVD,
FARRINGTON HWY., RAMP A AND RAMP C
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)
As Noted Date: 4/01/01

SHEET NO. C11 OF 18 SHEETS



DATE: 12/02/98
PLOT SCALE: 1" = 1'
FILE: Pl-Ramp A & B.dwg
JOB NO: 9610B

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

