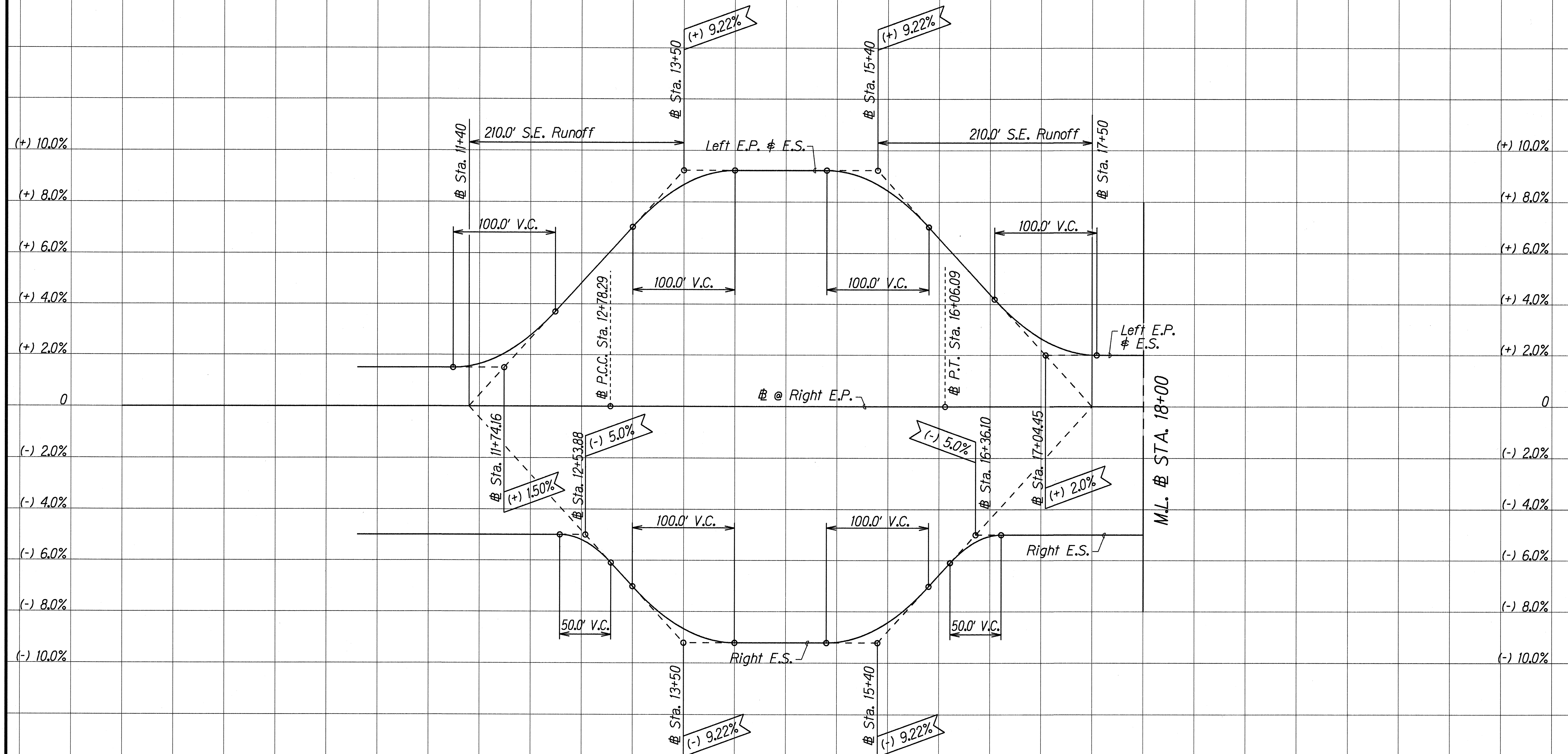


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	41	378



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	9/30/97
QUANTITIES BY	CHECKED BY	

SUPERELEVATION DIAGRAM - RAMP EW

Scale: Horiz. 1" = 50'
Vert. 1" = 2.00%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

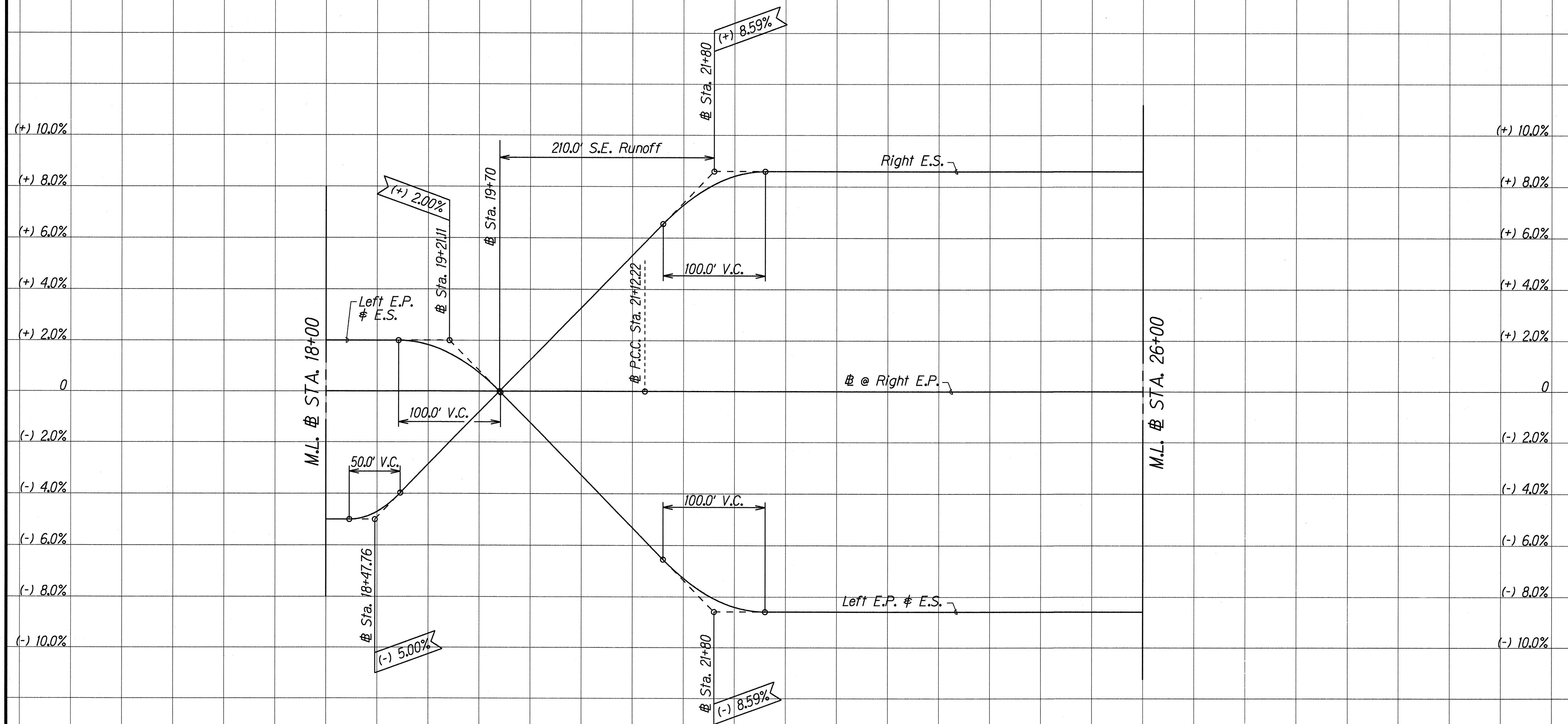
SUPERELEVATION DIAGRAM

INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(219)	1998	42	378



SUPERELEVATION DIAGRAM - RAMP EW

Scale: Horiz. 1" = 50'
Vert. 1" = 2.0%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAM

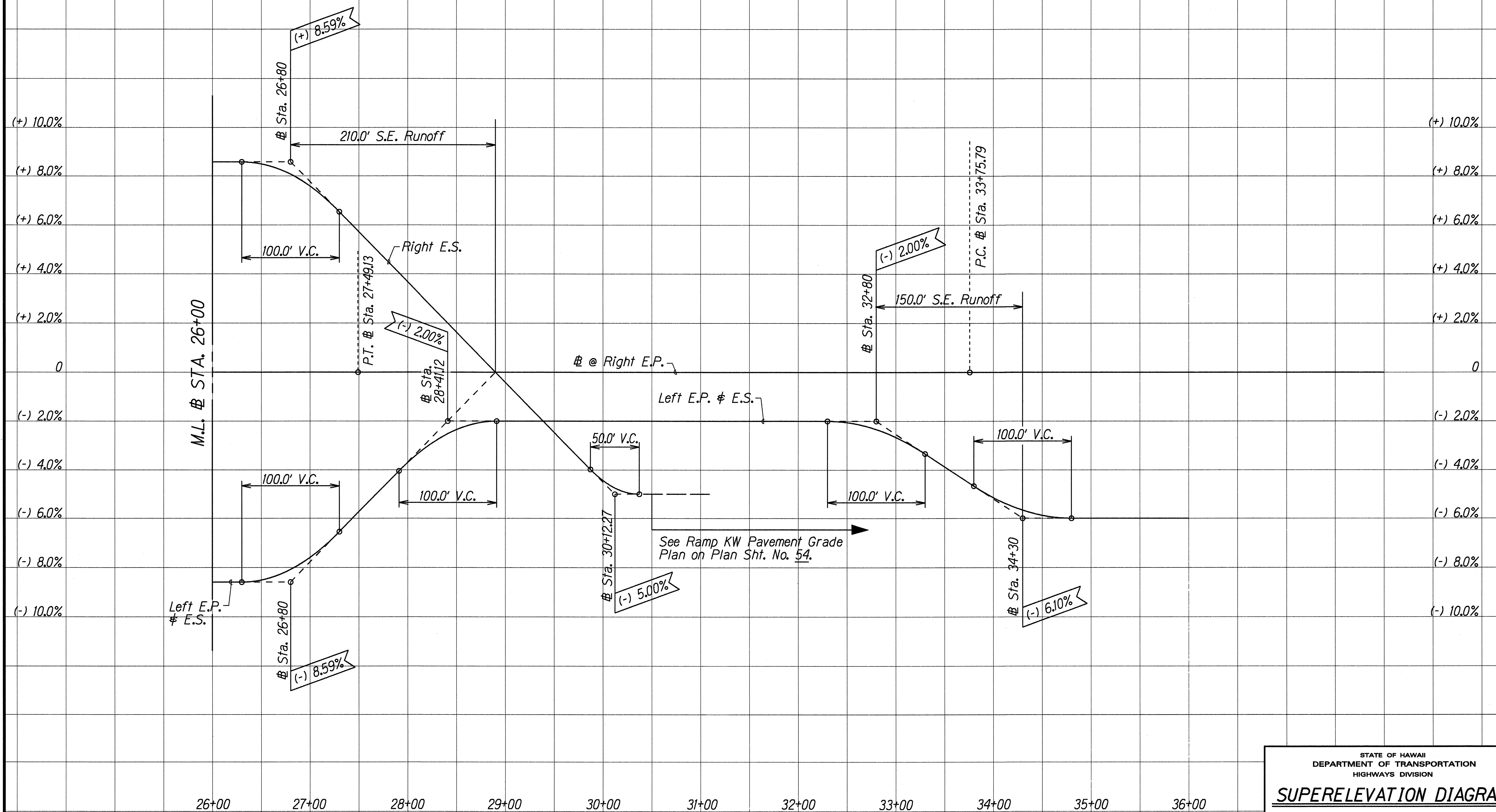
INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. 1M-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 2 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	9-30-97
QUANTITIES BY	DESIGNED BY	
CHECKED BY	DESIGNED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	43	378



SUPERELEVATION DIAGRAM - RAMP EW

Scale: Horiz. 1" = 50'
Vert. 1" = 2.0'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

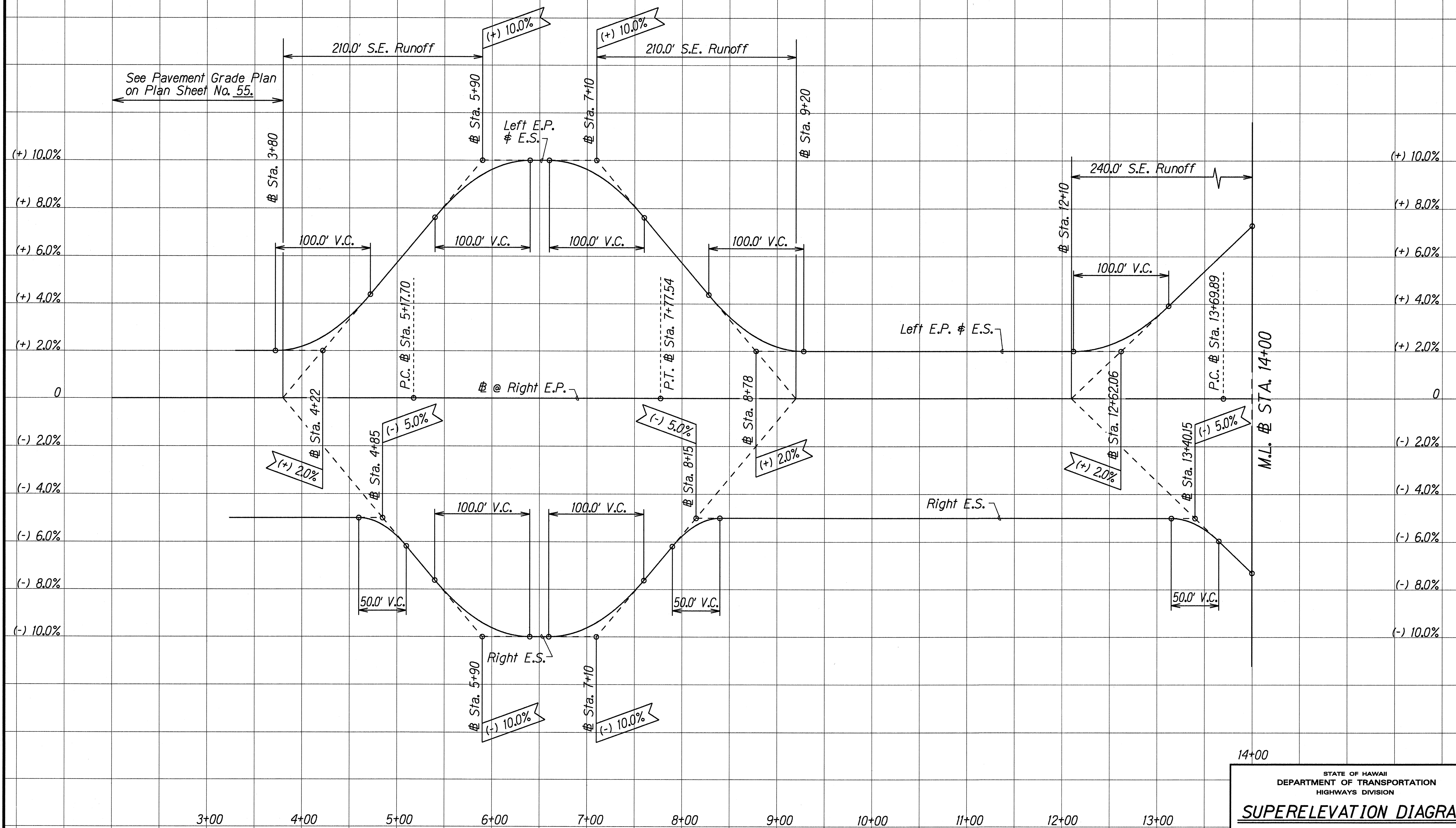
SUPERELEVATION DIAGRAM

INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 3 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	44	378



SUPERELEVATION DIAGRAM - RAMP HE

Scale: Horiz. 1" = 50'
Vert. 1" = 2.0%

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SUPERELEVATION DIAGRAM

INTERSTATE ROUTE H-1

Kunia Interchange Improvements

F.A.I. Project No. IM-HI-1(219)

Scale: As Shown

Date: Oct. 1997

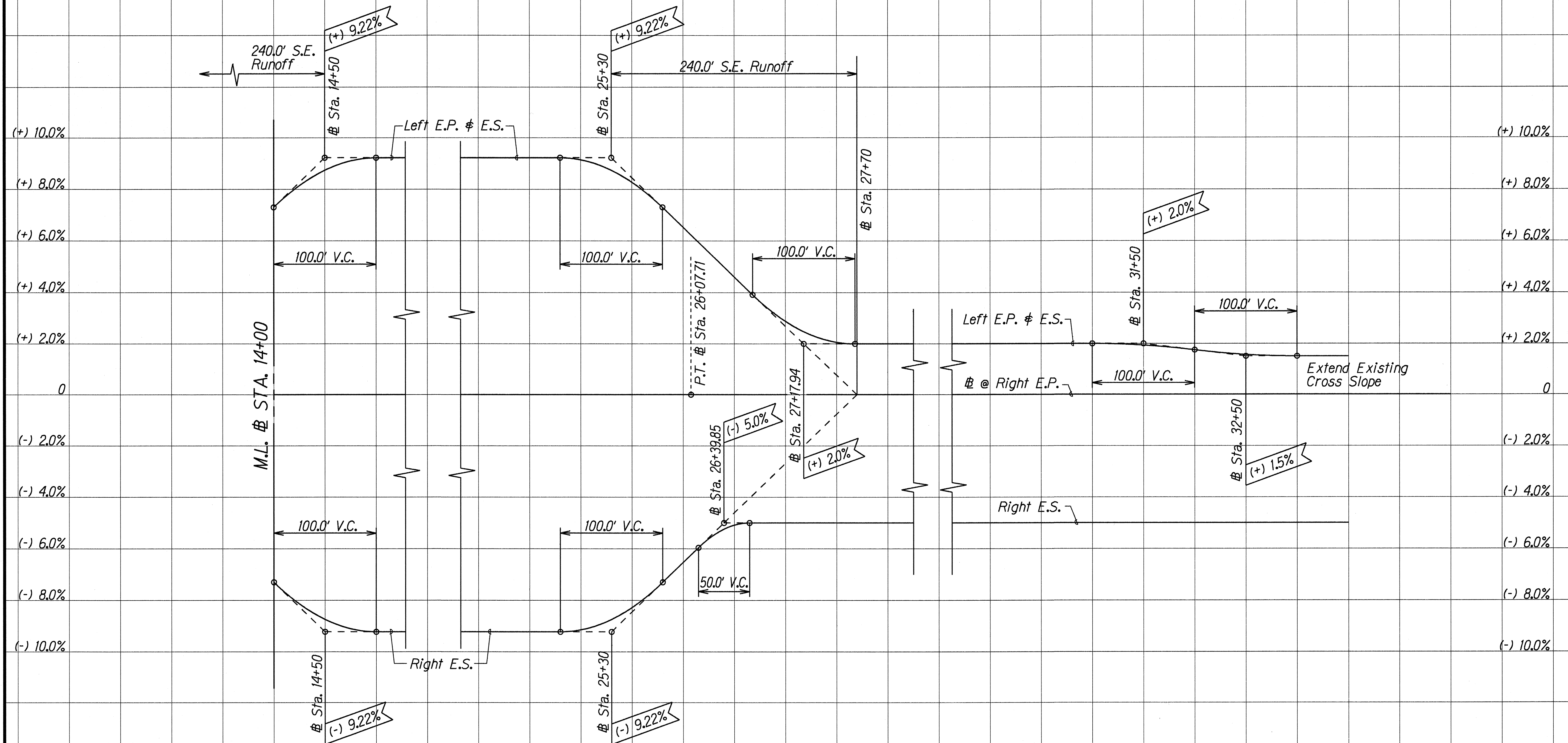
SHEET No. 1

OF 2

SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. KAWANAKA / M. P. WONG	9-30-97
QUANTITIES BY	DESIGNED BY R. SQUILLACE	
CHECKED BY		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	45	378



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. KAWAHARA/J.M. P. Wang	9-30-97
QUANTITIES BY	DESIGNED BY R. SAGUURA	
CHECKED BY		

SUPERELEVATION DIAGRAM - RAMP HE

Scale: Horiz. 1" = 50'
Vert. 1" = 2.0%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

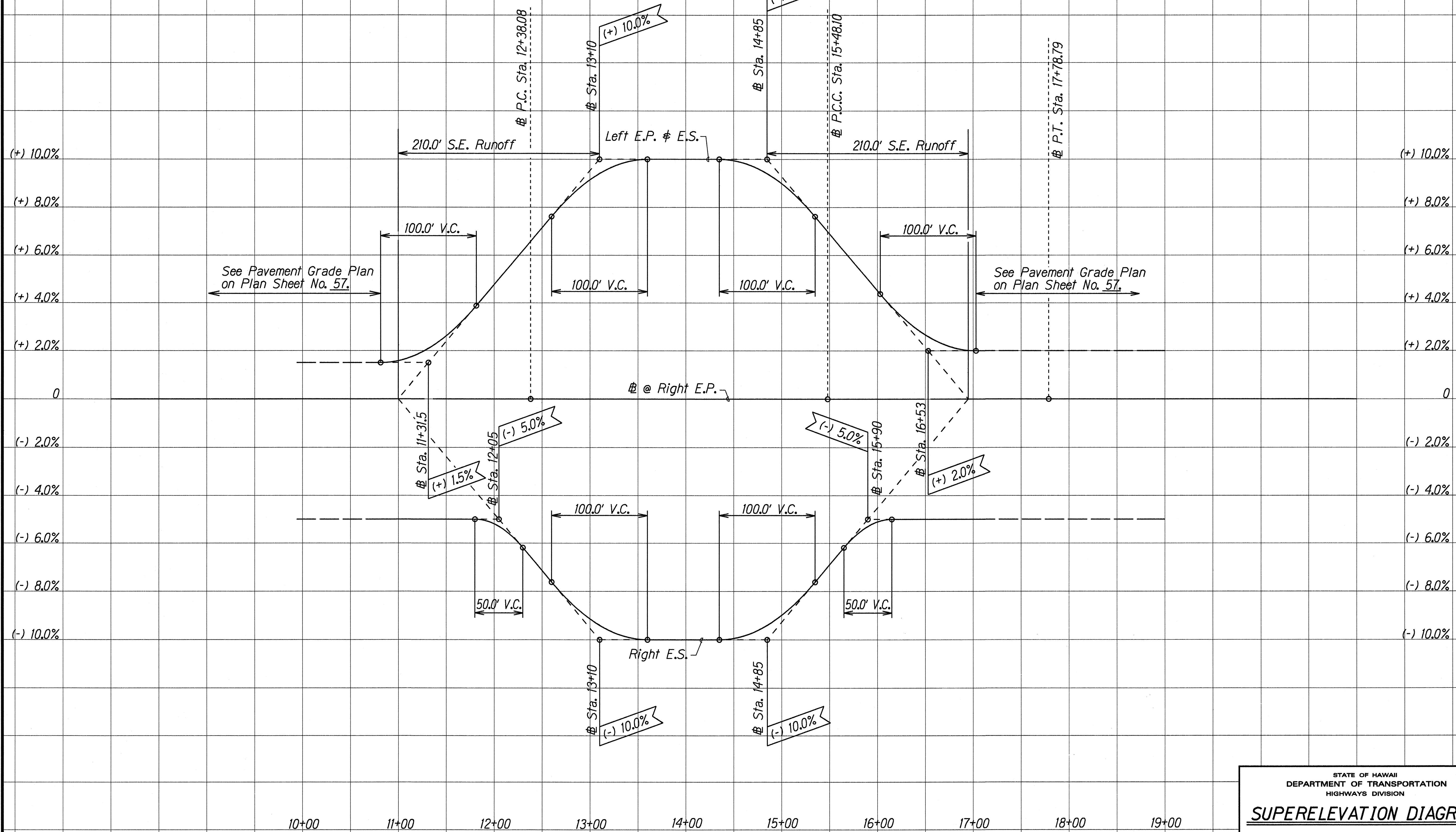
SUPERELEVATION DIAGRAM

INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown
Date: Oct. 1997

SHEET No. 2 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	46	378



SUPERELEVATION DIAGRAM - RAMP WE

Scale: Horiz. 1" = 50'
Vert. 1" = 2.0%

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	9-30-97
QUANTITIES BY	DESIGNED BY	
CHECKED BY	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAM

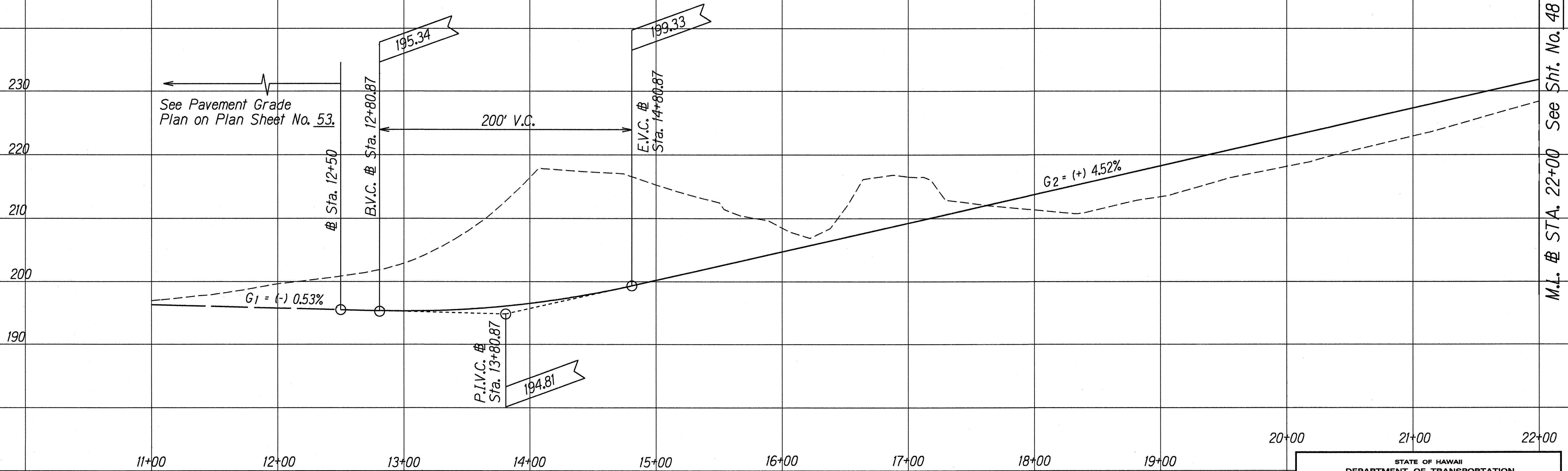
INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	47	378

M.L. # STA. 22+00 See Sht. No. 48



PROFILE RAMP EW

Scale: Horiz.: 1"=40'
Vert.: 1"=5'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

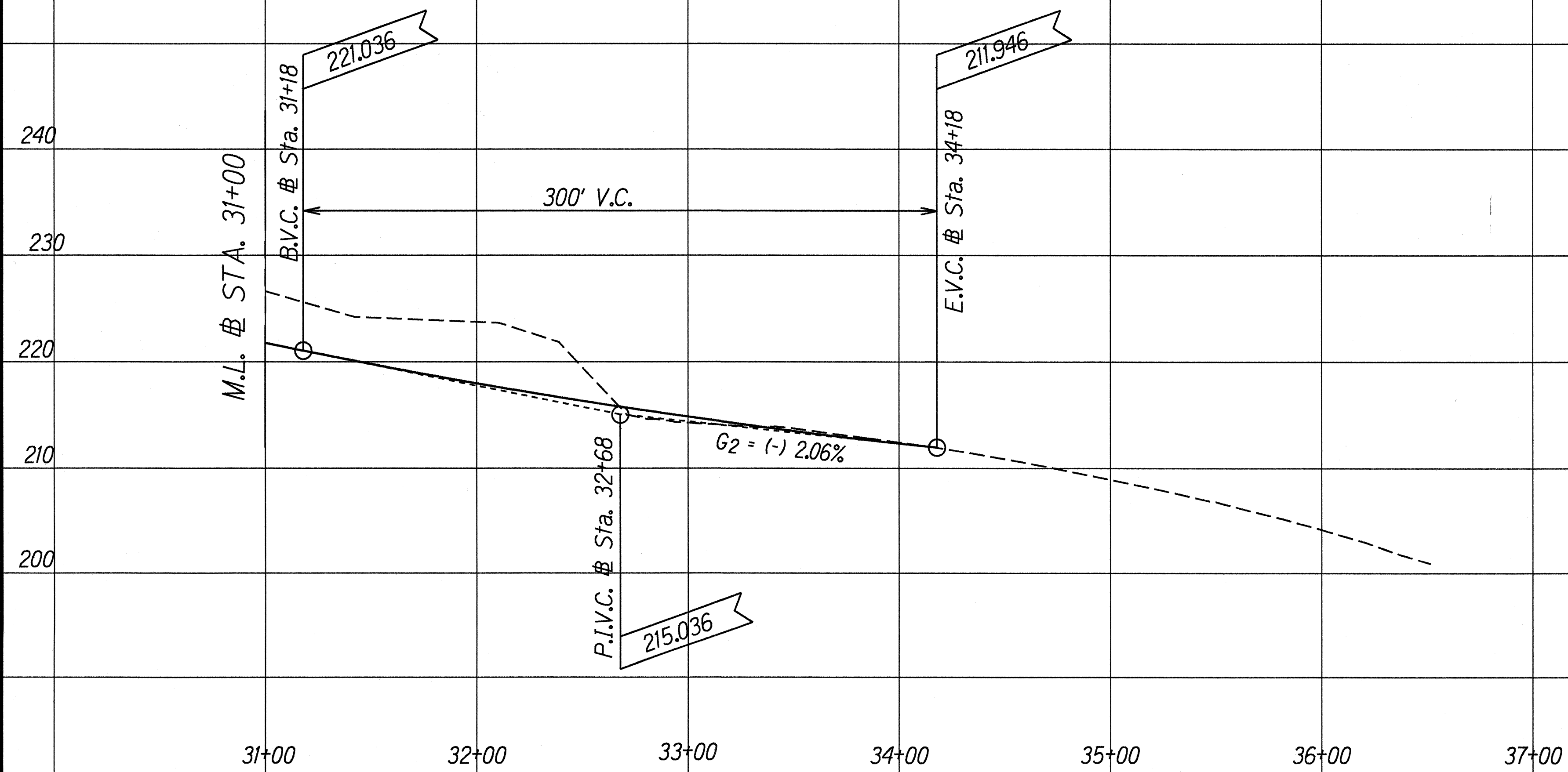
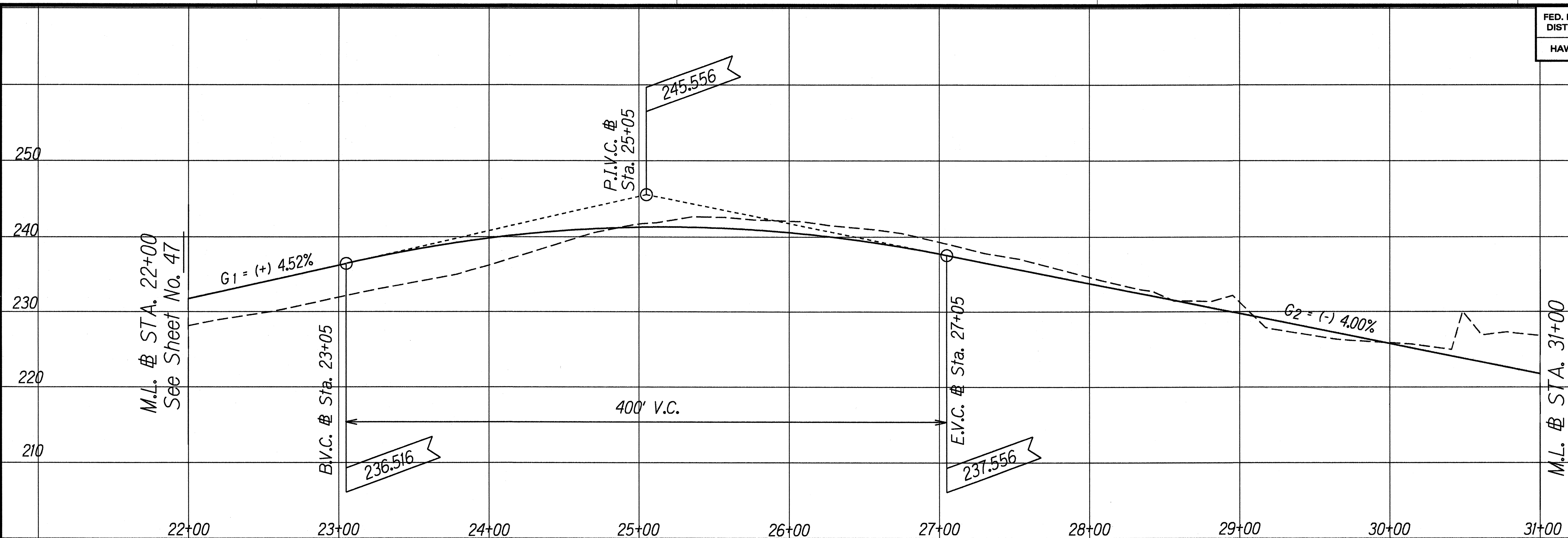
INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Kawahara, L.M., M.H., P.W.	9-30-97
DESIGNED BY J. Froese/R. Seawalla		
CHECKED BY		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	48	378



PROFILE RAMP EW

Scale: Horiz.: 1"=40'
Vert.: 1"=5'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

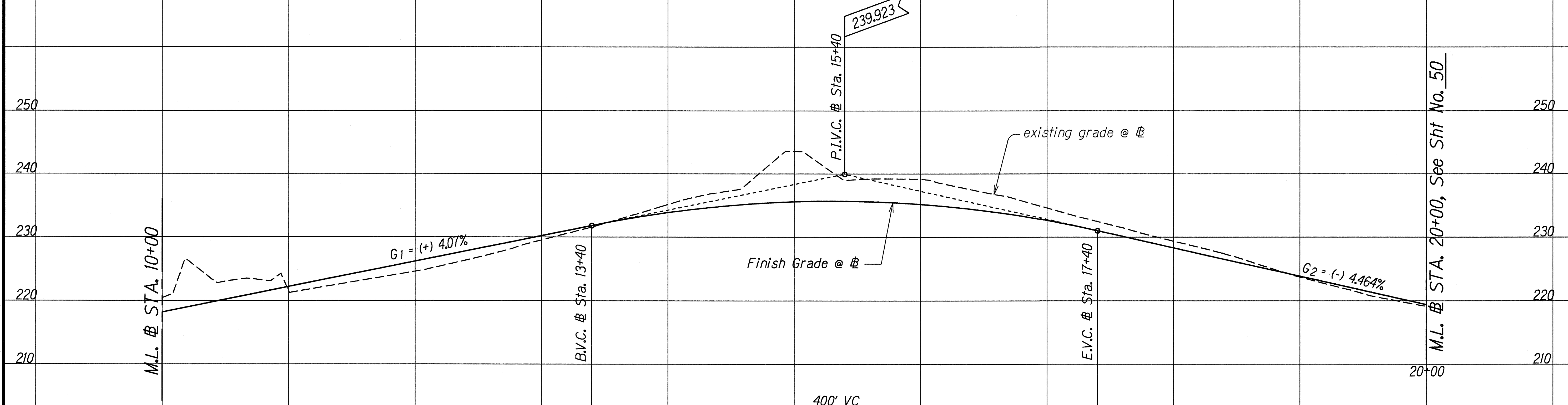
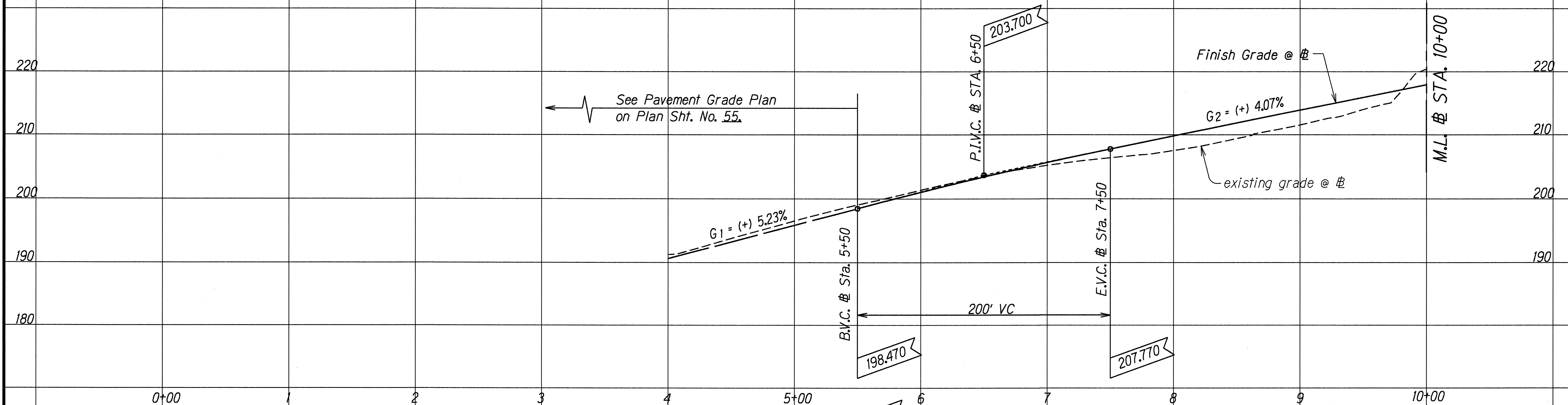
INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: As Shown Date: Oct. 1997

SHEET No. 2 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY G. Kawahara, L.M., M.H., P.W.	9-22-97
QUANTITIES BY	DESIGNED BY J. Frodoe/R. Sauerbrey	
CHECKED BY		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	49	378



PROFILE - RAMP "HE"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

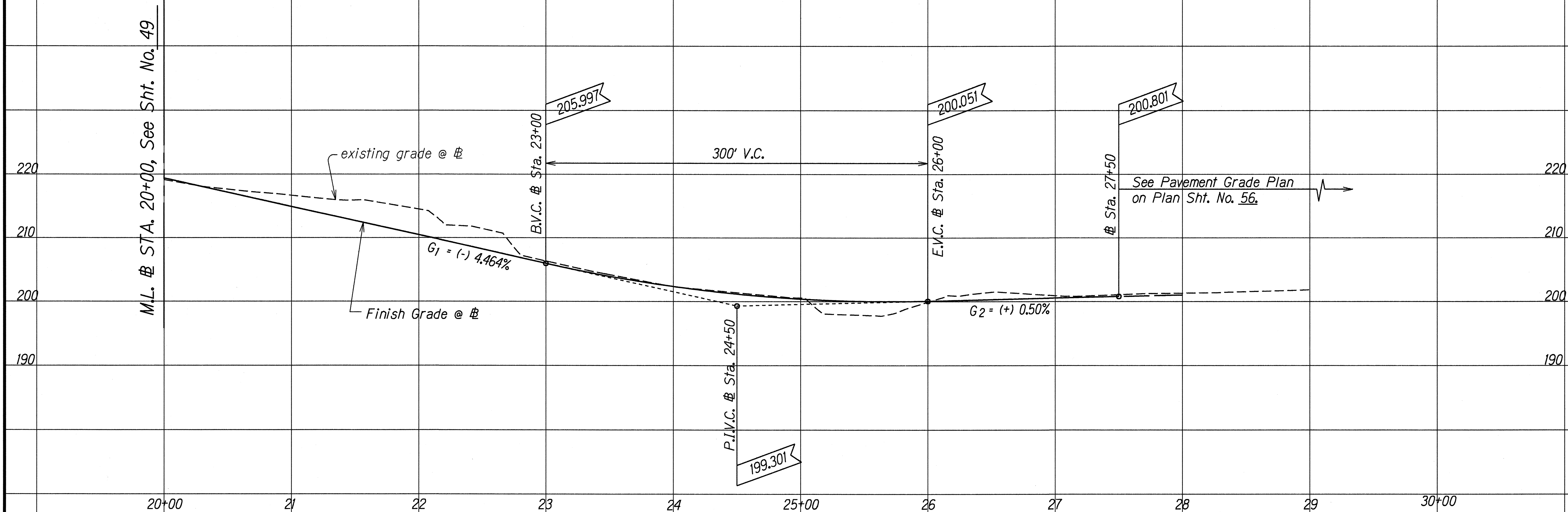
Scale: Horiz. 1"=40'
Vert. 1"=5'

Date: Oct. 1997

SHEET No. 1 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY K. Tanaka/AM/2/97	
TRANS. BY J. E. E. / 2/97	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(219)	1998	50	378



PROFILE - RAMP "HE"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

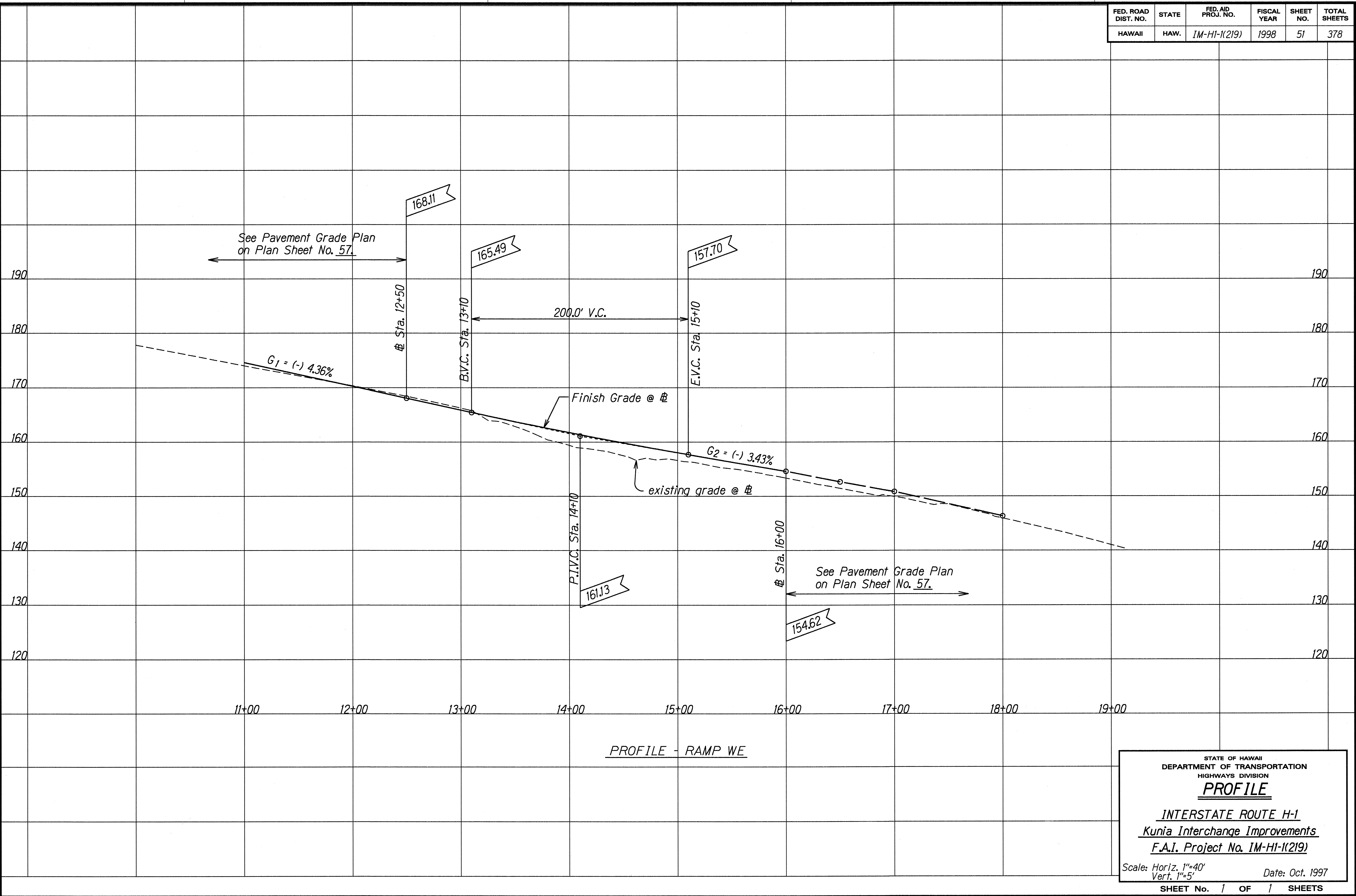
Scale: Horiz. 1"=40'
Vert. 1"=5'

Date: Oct. 1997

SHEET No. 2 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY <i>K. Tanthitachata</i>	<i>11/11/97</i>
dclm	TRACED BY	
dclm	DESIGNED BY <i>J. Frade/R. Sequeira</i>	
diplpfr02	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	51	378



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY L. Matsuura, M. E. Wang	10-1-97
DESIGNED BY B. Sengultra		
QUANTITIES BY		
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

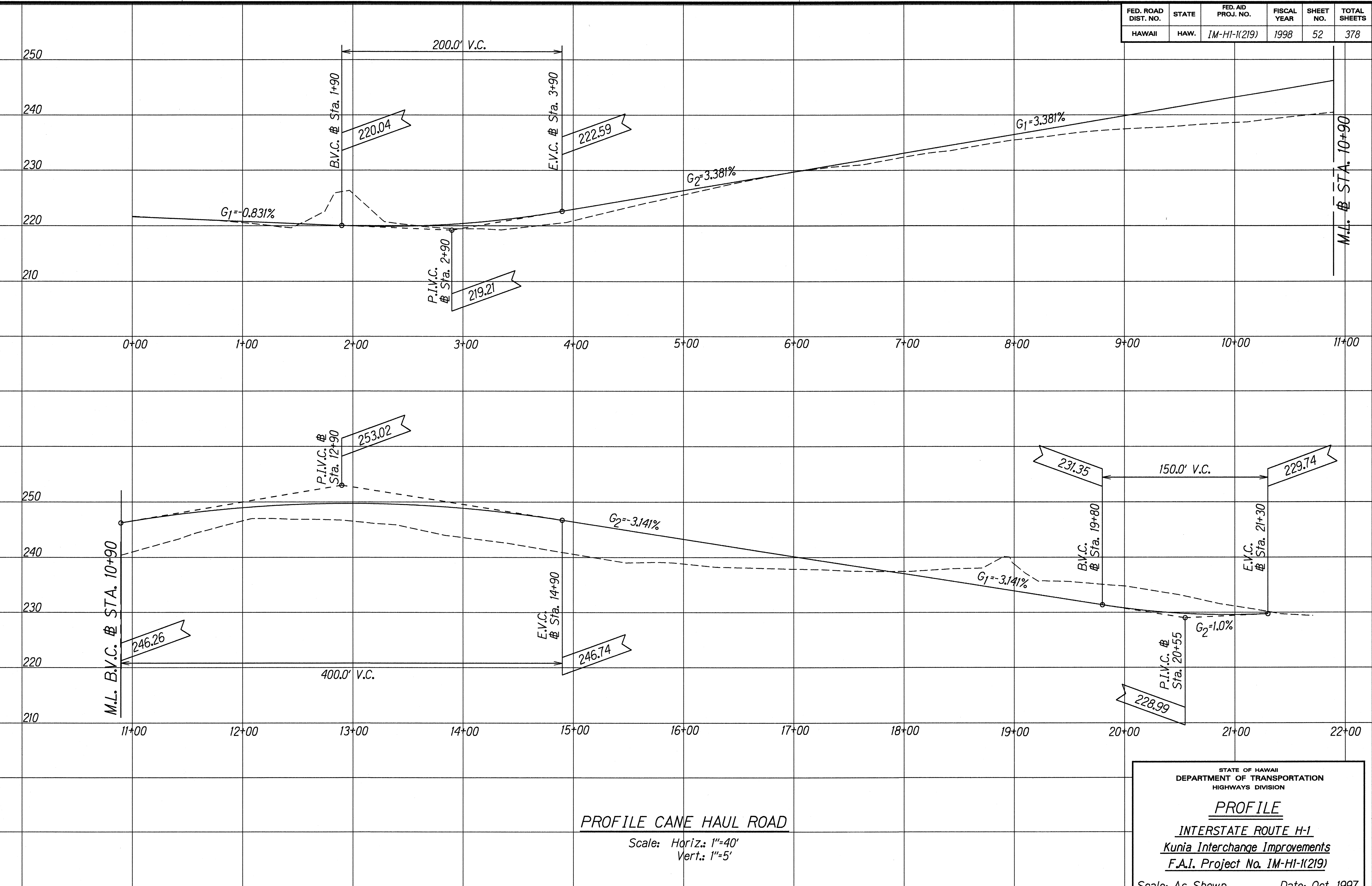
INTERSTATE ROUTE H-1
Kunia Interchange Improvements
F.A.I. Project No. IM-HI-1(219)

Scale: Horiz. 1"=40'
Vert. 1"=5'

Date: Oct. 1997

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(219)	1998	52	378



SURVEY PLOTTED BY: DATE: 10/1/97
 DRAWN BY: G. Kawahara, M.L.P. Wong
 DESIGNED BY: B. Seawright, L. Fonda
 QUANTITIES BY: G. Chidister
 CHECKED BY:

PROFILE CANE HAUL ROAD

Scale: Horiz.: 1"=40'
 Vert.: 1"=5'

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PROFILE
 INTERSTATE ROUTE H-1
 Kunia Interchange Improvements
 F.A.I. Project No. IM-HI-1(219)
 Scale: As Shown Date: Oct. 1997
 SHEET No. 1 OF 1 SHEETS