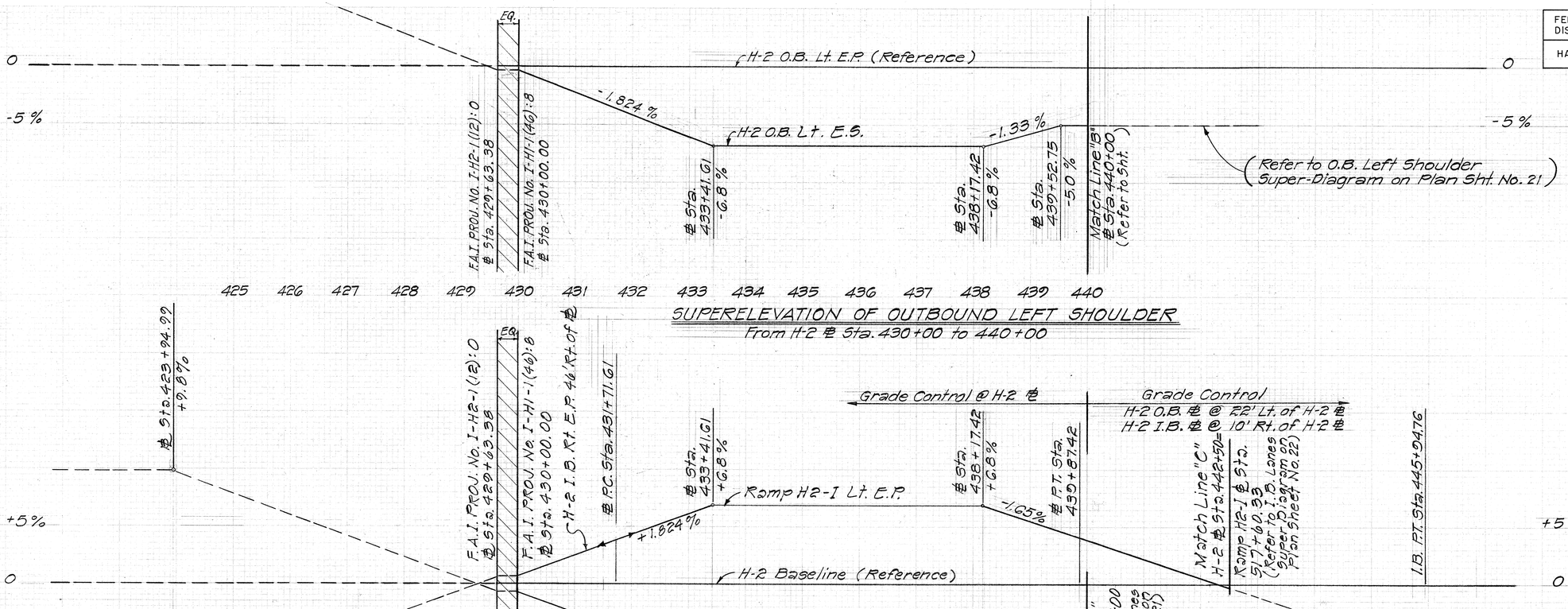
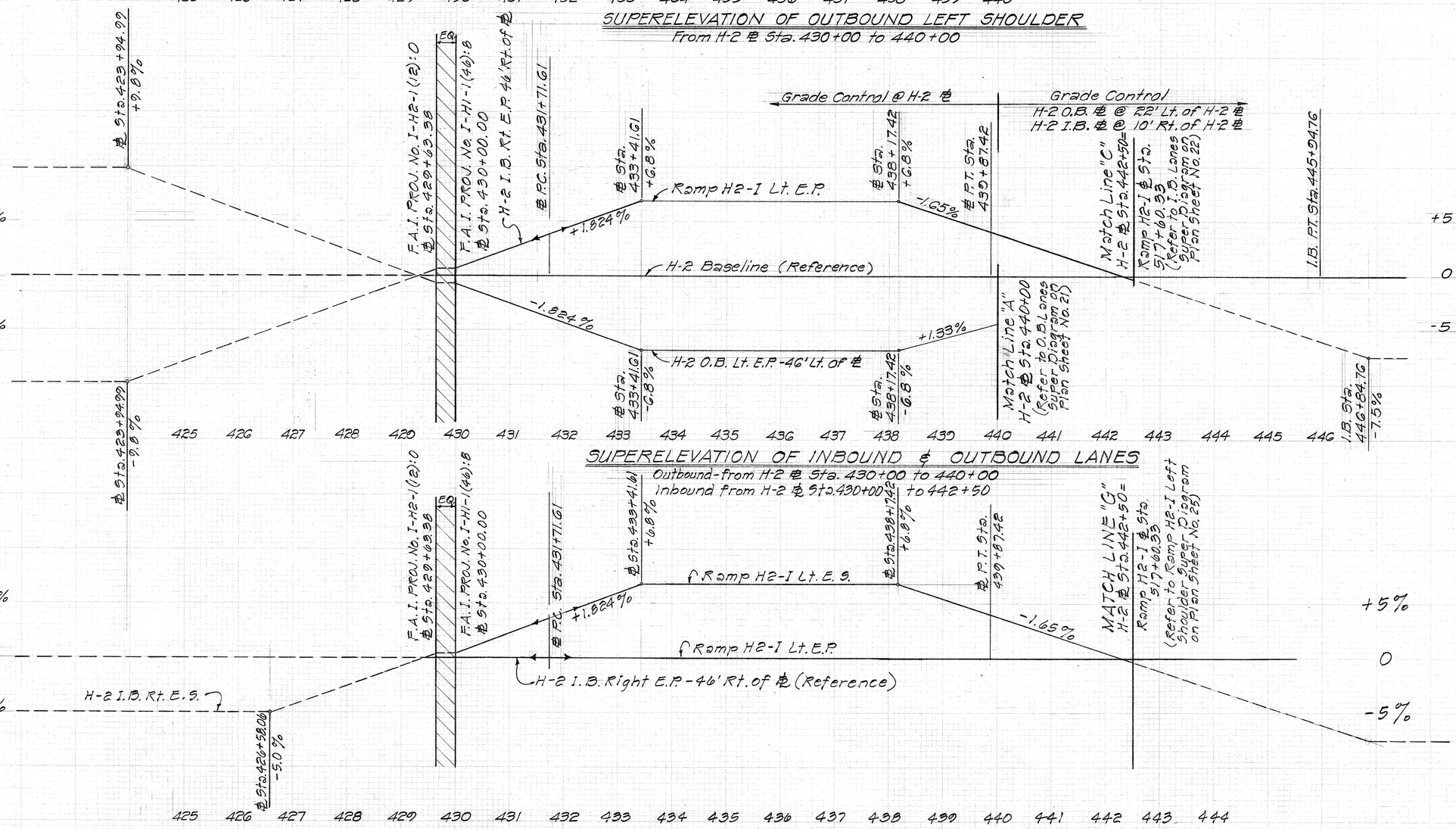
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46):8	1973	20	104



SUPERELEVATION OF OUTBOUND LEFT SHOULDER
From H-2 ℄ Sta. 430+00 to 440+00



SUPERELEVATION OF INBOUND & OUTBOUND LANES
Outbound - from H-2 ℄ Sta. 430+00 to 440+00
Inbound from H-2 ℄ Sta. 430+00 to 442+50

SUPERELEVATION OF INBOUND RIGHT SHOULDER
From H-2 ℄ Sta. 430+00 to 442+50

Scale: Horiz. 1" = 100'
Vert. 1" = 5%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

OUTBOUND - H2 ℄ Sta. 430+00 to 440+00
INBOUND - H2 ℄ Sta. 430+00 to 442+50

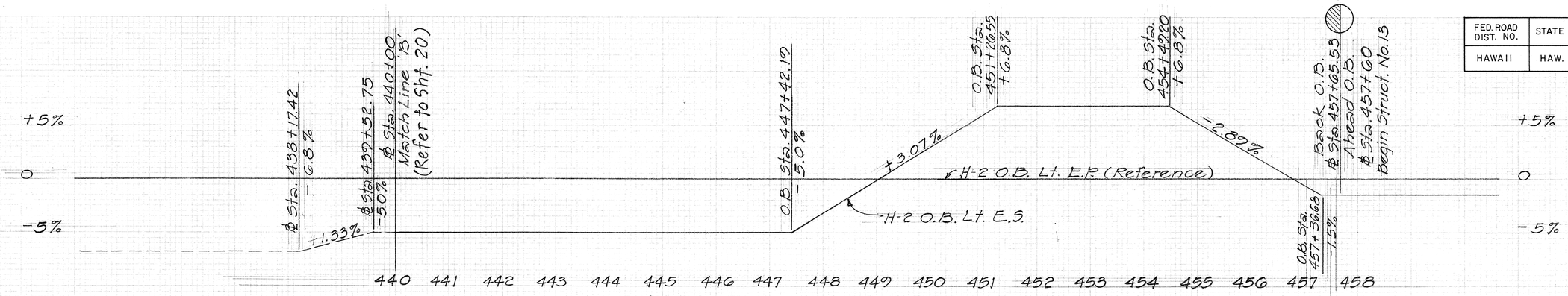
INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

Scale: As shown

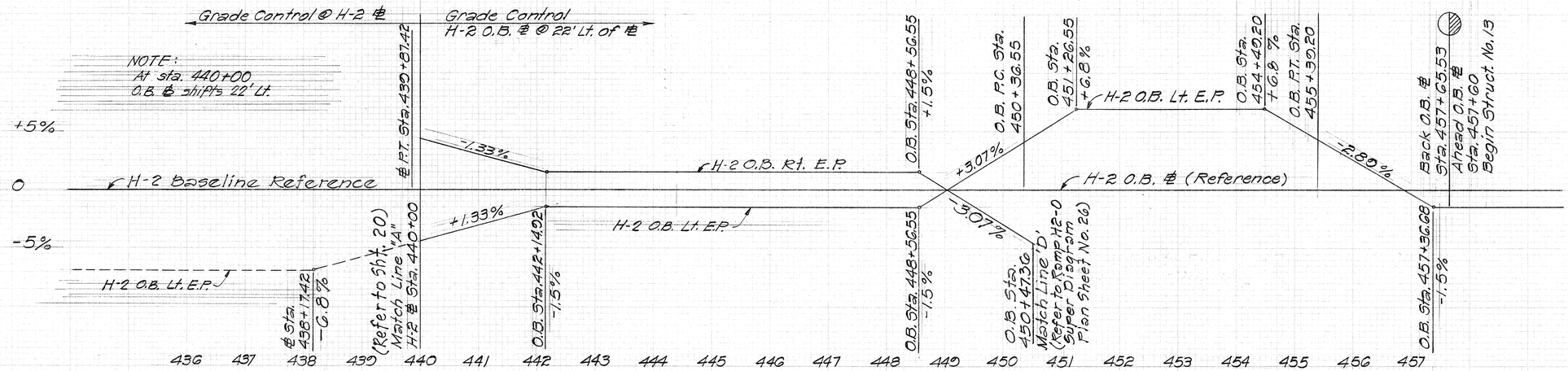
SHEET No. 1 OF 7 SHEETS

191R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46):8	1973	21	104

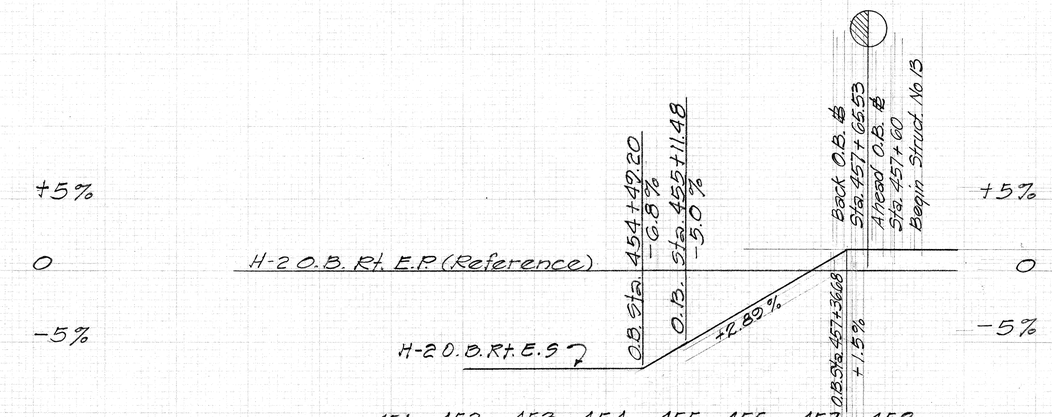


SUPERELEVATION OF OUTBOUND LEFT SHOULDER
From H-2 O.B. ℄ Sta. 440+00 to 457+65.73



SUPERELEVATION OF OUTBOUND LANES
From H-2 O.B. ℄ Sta. 440+00 to 457+65.73

DATE	REVISION
11/12/73	Note added. L.E.P. and R.E.P. revised from Sta. 440+00 to Sta. 444+39.92. Shoulder S.E. revised to match Structure #13.



SUPERELEVATION OF OUTBOUND RIGHT SHOULDER
From H-2 O.B. ℄ Sta. 452+00 to 457+65.73

Scale: Horiz. 1" = 100'
Vert. 1" = 5%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

OUTBOUND - H2 ℄ Sta. 440+00 to 457+65.73

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

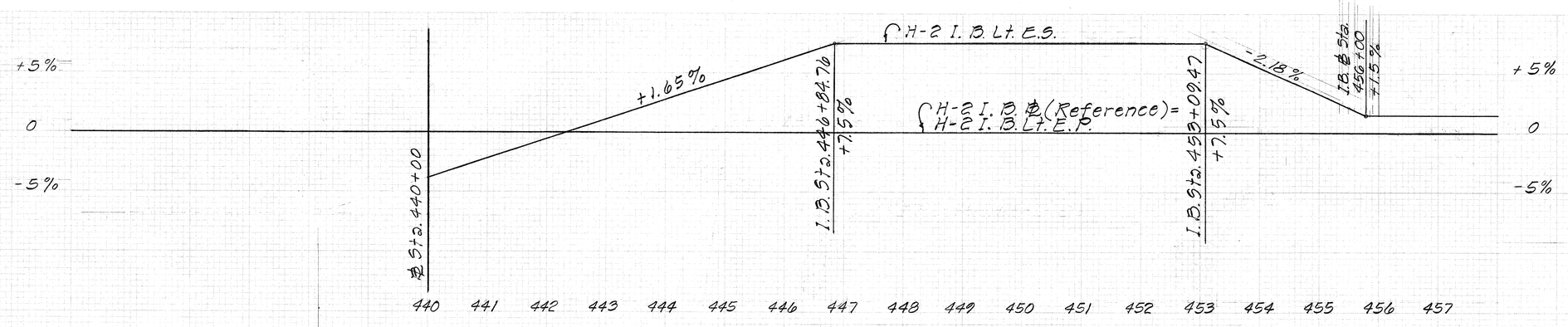
Scale: As shown

SHEET No. 2 OF 7 SHEETS

PLATE 1-CROSS SECTION, F.A.S.
CARMICHAEL PAPER CO., L.A., CAL.
NO. 10001-3

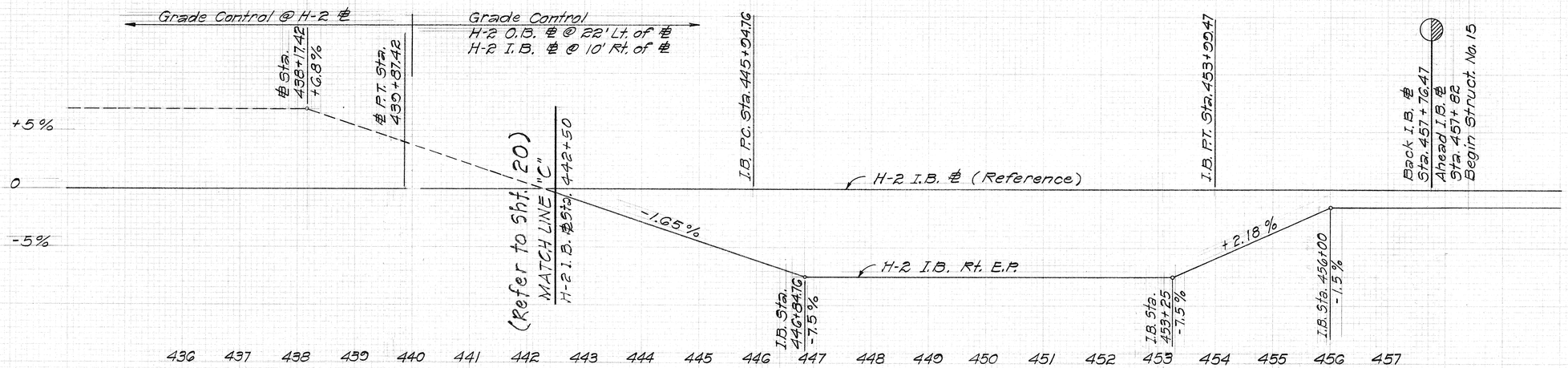
192R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46):8	1973	22	104



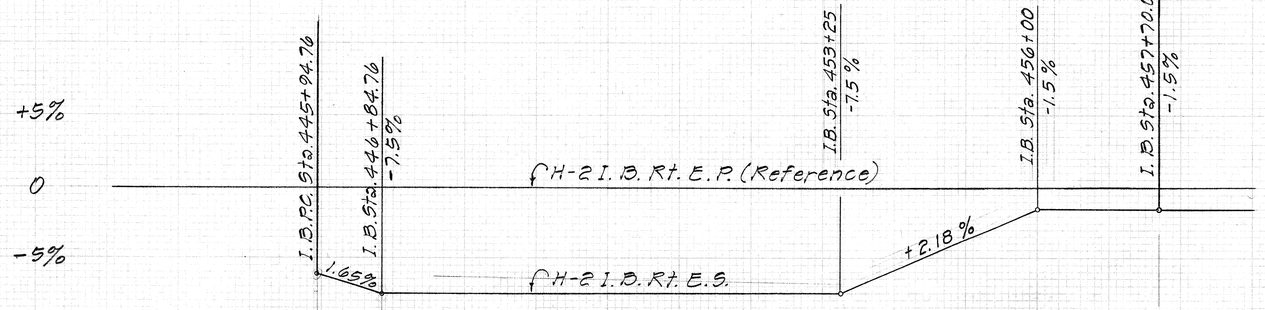
SUPERELEVATION OF INBOUND LEFT SHOULDER

From H-2 I.B. ℄ Sta. 440+00 to 457+76.47



SUPERELEVATION OF INBOUND LANES

From H-2 I.B. ℄ Sta. 442+50 to 457+76.47



SUPERELEVATION OF INBOUND RIGHT SHOULDER

From H-2 I.B. ℄ P.C. Sta. 445+94.76 to 457+76.47

DATE	REVISION
11/12/73	H-2 I.B. Lt. E.S. revised to match S.E. of Structure #15.

Scale: Horiz. 1" = 100'
Vert. 1" = 5%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

INBOUND - H2 ℄ Sta. 442+50 to 457+76.47

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

Scale: As shown

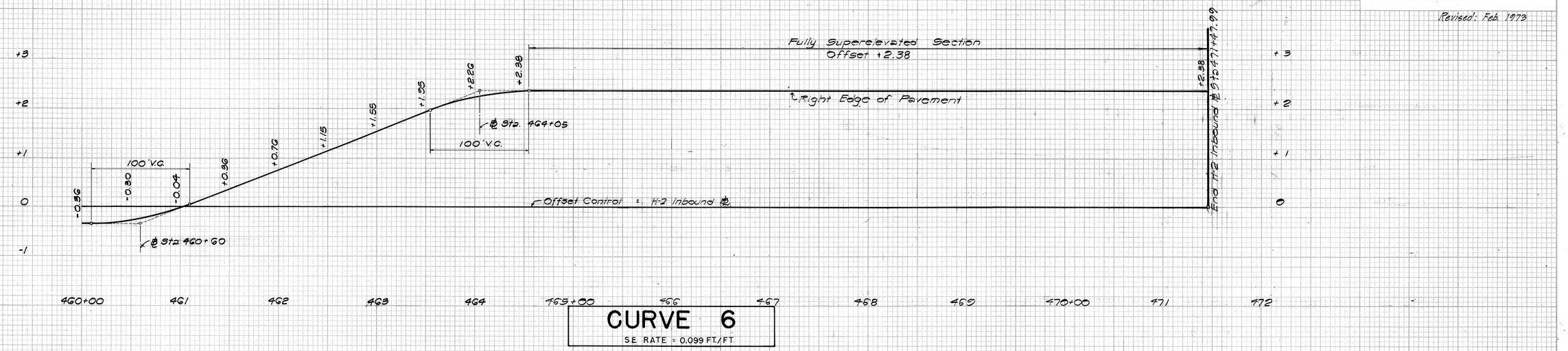
SHEET No. 3 OF 7 SHEETS

193R

PLATE 3 - GROSS SECTION, F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1000H-1

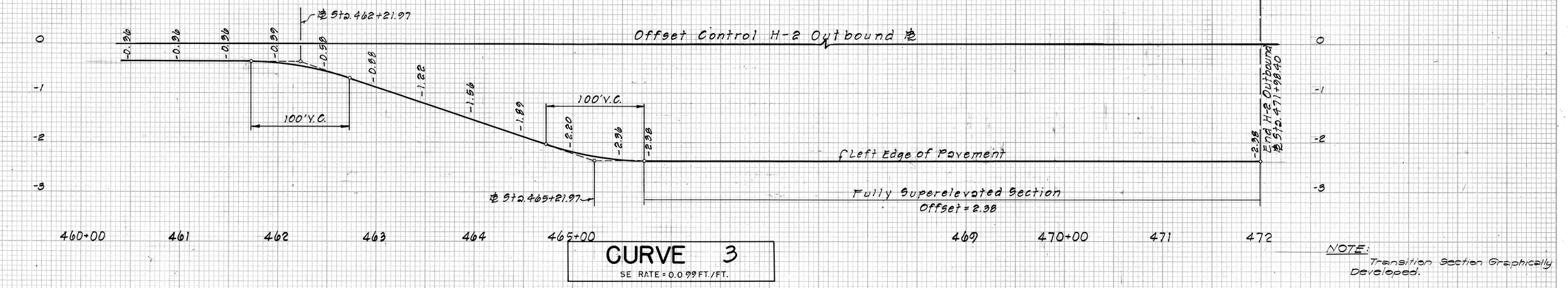
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46)8	1973	23	104

Revised: Feb. 1973



CURVE 6

SE RATE = 0.099 FT./FT.



CURVE 3

SE RATE = 0.099 FT./FT.

NOTE:
Transition Section Graphically Developed.

Scales: Horiz. 1" = 50'
Vert. 1" = 1'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

CURVE 3 AND CURVE 6

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

Scale: As shown Date: NOV. 1972

SHEET NO. 4 OF 7 SHEETS

19 4

BEN TAGUCHI
REGISTERED PROFESSIONAL ENGINEER
No. 1030
HAWAII, U.S.A.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY SUPERVISION.

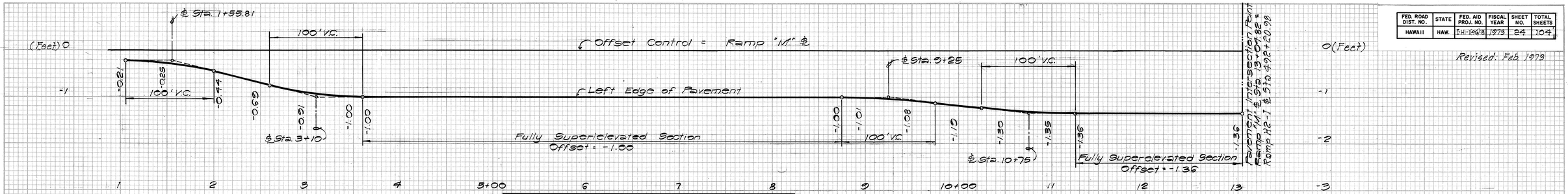
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TRIANGULATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TRIANGULATE
AREAS
AREAS CHECKED
BY
DATE

PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

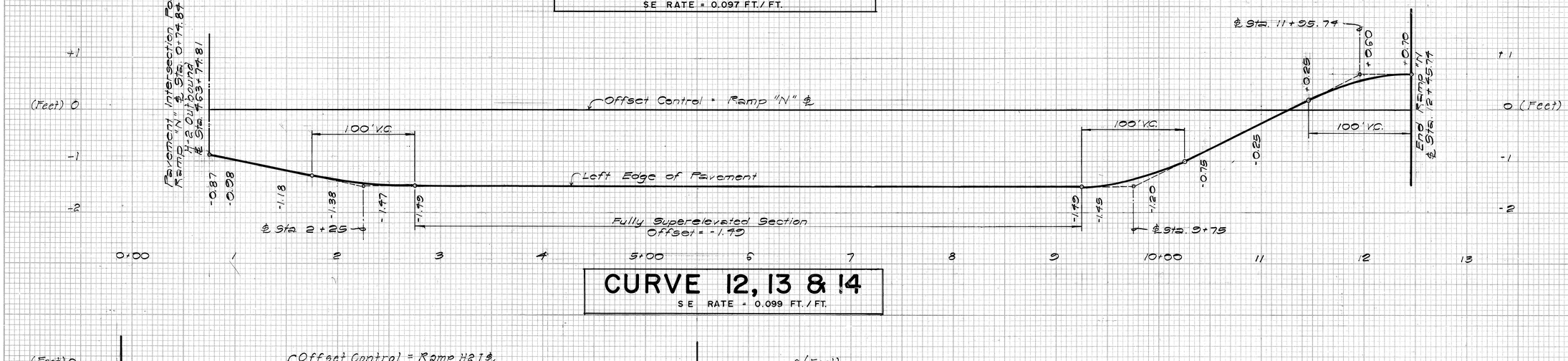
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46)8	1973	24	104

Revised: Feb. 1973



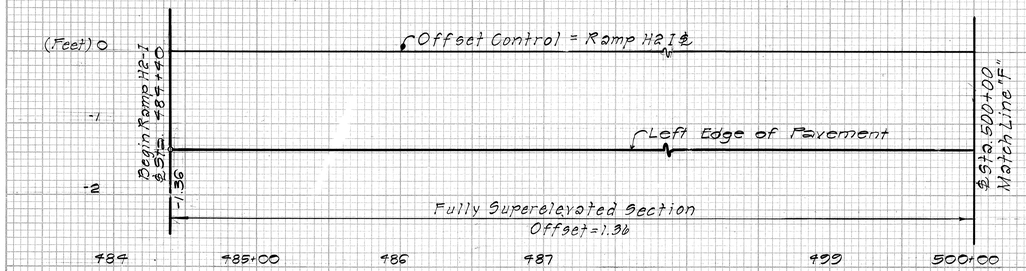
CURVE 15, 16, 17 & 18

SE RATE = 0.071 FT./FT.
SE RATE = 0.097 FT./FT.



CURVE 12, 13 & 14

SE RATE = 0.099 FT./FT.



CURVE 9 & 10

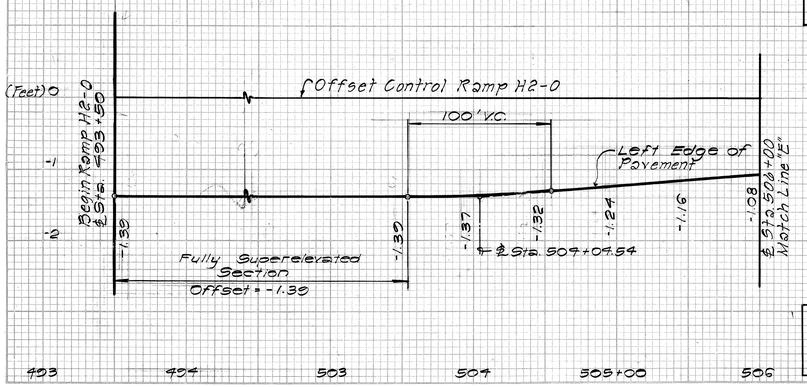
SE RATE = 0.097 FT./FT.

0 (Feet)

-1

(Refer to Ramp H2-1 Super-Diagram on Plan Sheet No. 25)

-2



CURVE 7

SE RATE = 0.099 FT./FT.

0 (Feet)

-1

(Refer to Ramp H2-0 Super-Diagram on Plan Sheet No. 26)

-2

NOTE:
Transition Section Graphically Developed.

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

BEN TAGUCHI
REGISTERED PROFESSIONAL ENGINEER
No. 1030
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

CURVE 7, 9, 10, AND 12 THRU 18

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

Scale: As shown Date: NOV. 1969

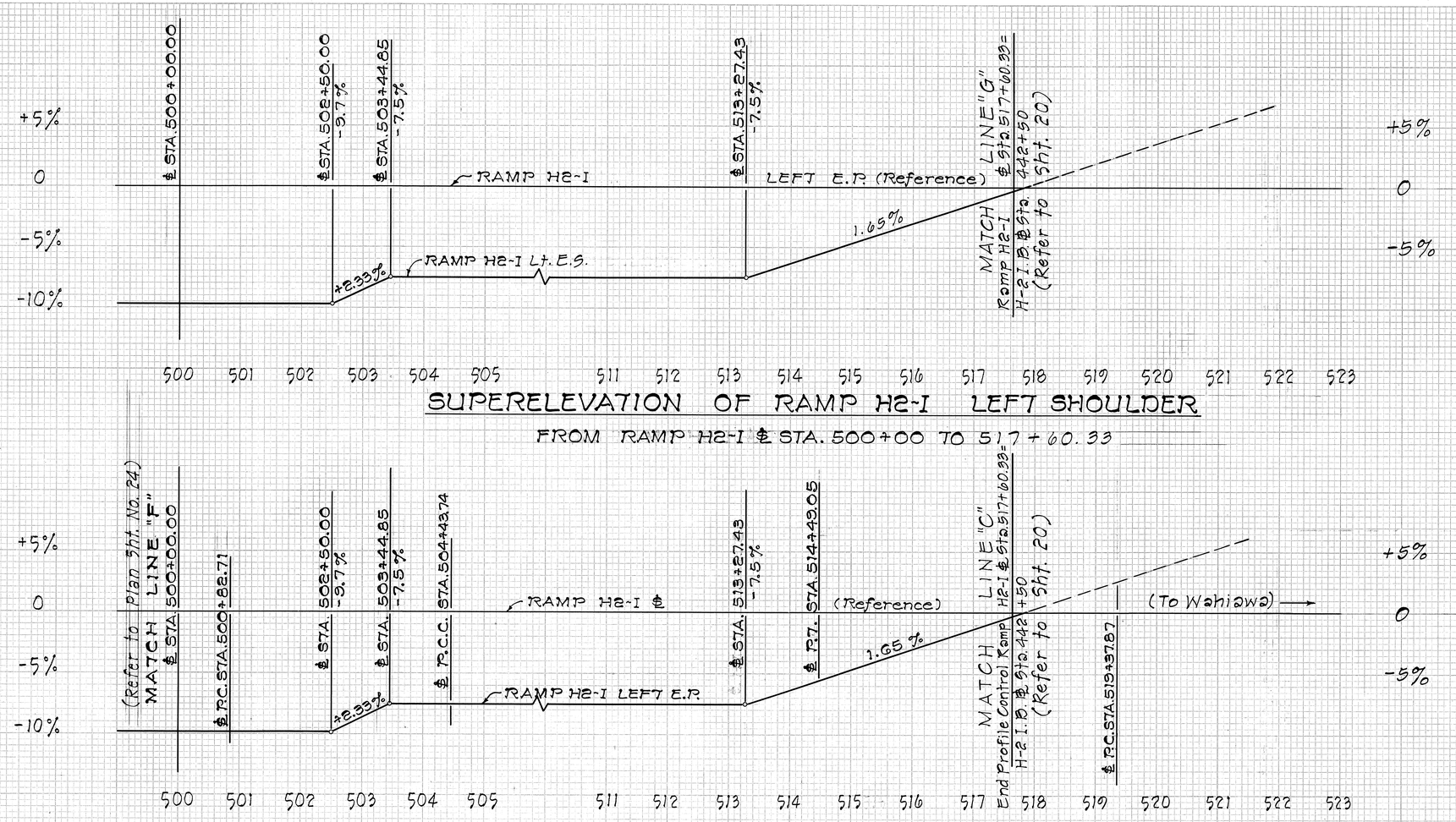
SHEET NO. 5 OF 7 SHEETS

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46):8	1973	25	104



SUPERELEVATION OF RAMP H2-I LEFT SHOULDER

FROM RAMP H2-I ℄ STA. 500+00 TO 517+60.33

SUPERELEVATION OF RAMP H2-I

FROM RAMP H2-I ℄ STA. 500+00 TO 517+60.33

SCALE: HORIZ. 1" = 100'
VERT. 1" = 5%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

RAMP H2-I ℄ Sta. 500+00 to 517+60.33

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)
Scale: As shown

SHEET NO. 6 OF 7 SHEETS

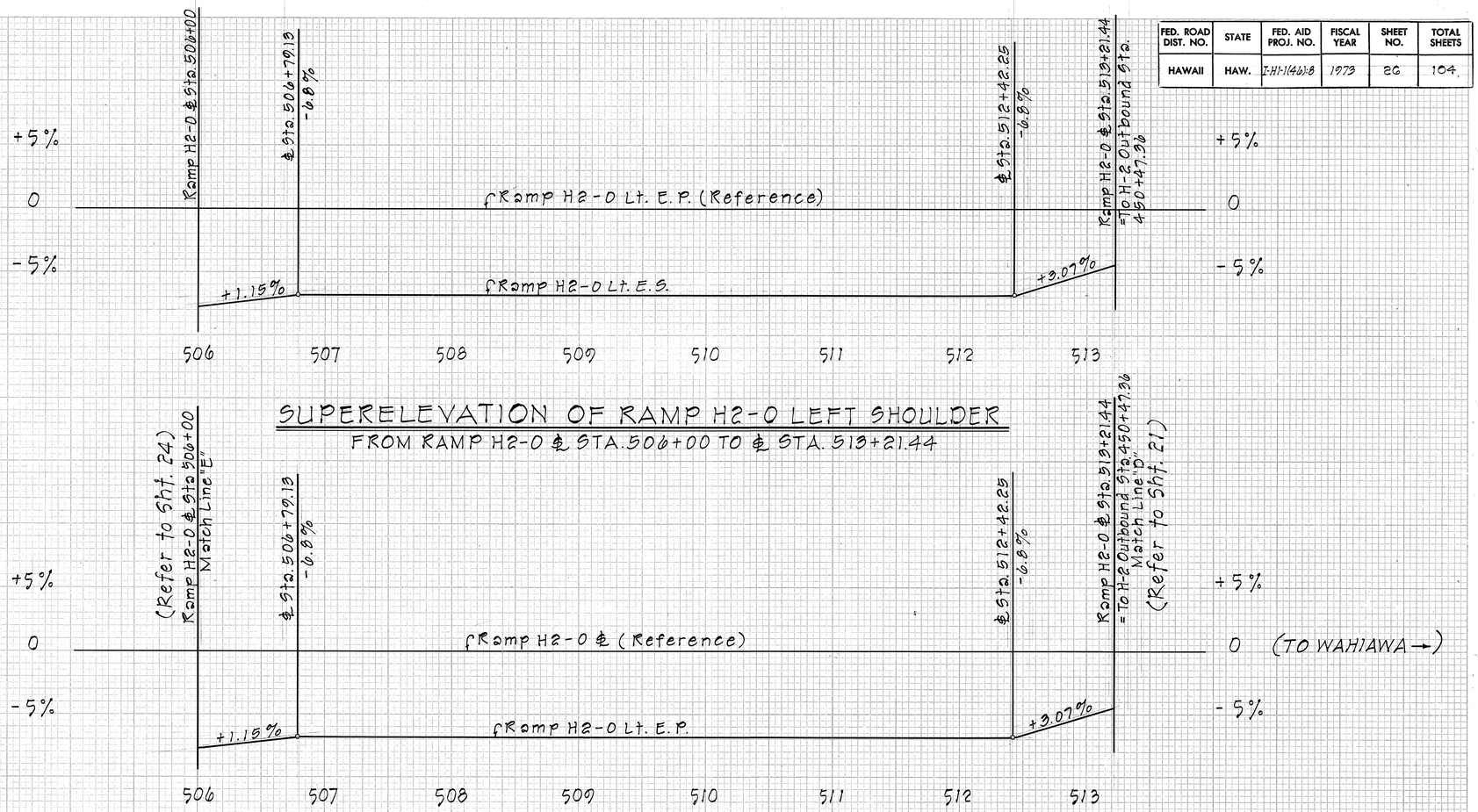
196

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, MO., AREAS CHECKED, BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, MO., AREAS CHECKED, BY, DATE

PLATE 3 - CROSS SECTION U.P.R.R. & R.E. STANDARD
HEUFFEL & ESSER CO., NEW YORK
K & E CO. NO. 3-18436

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(46):8	1973	26	104



SUPERELEVATION OF RAMP H2-0 LEFT SHOULDER
FROM RAMP H2-0 ℄ STA. 506+00 TO ℄ STA. 513+21.44

SUPERELEVATION OF RAMP H2-0
FROM RAMP H2-0 ℄ STA. 506+00 TO ℄ STA. 513+21.44

Scale: Horiz. 1" = 50'
Vert. 1" = 5%

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPERELEVATION DIAGRAMS

RAMP H2-0 ℄ Sta. 506+00 to 513+21.44

INTERSTATE ROUTE H-1
WAIAWA INTERCHANGE
F.A.I. Proj. No. I-HI-1(46):8
(PAVING OF H-2 CONNECTION)

Scale: As shown

SHEET NO. 7 OF 7 SHEETS

197

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, NOTE BOOK, NO., BY, DATE

PLATE 3 - CROSS SECTION O. P. R. & R. C. STANDARD
KEUFFEL & ESSER CO., NEW YORK
K & E Cat. No. 346-30