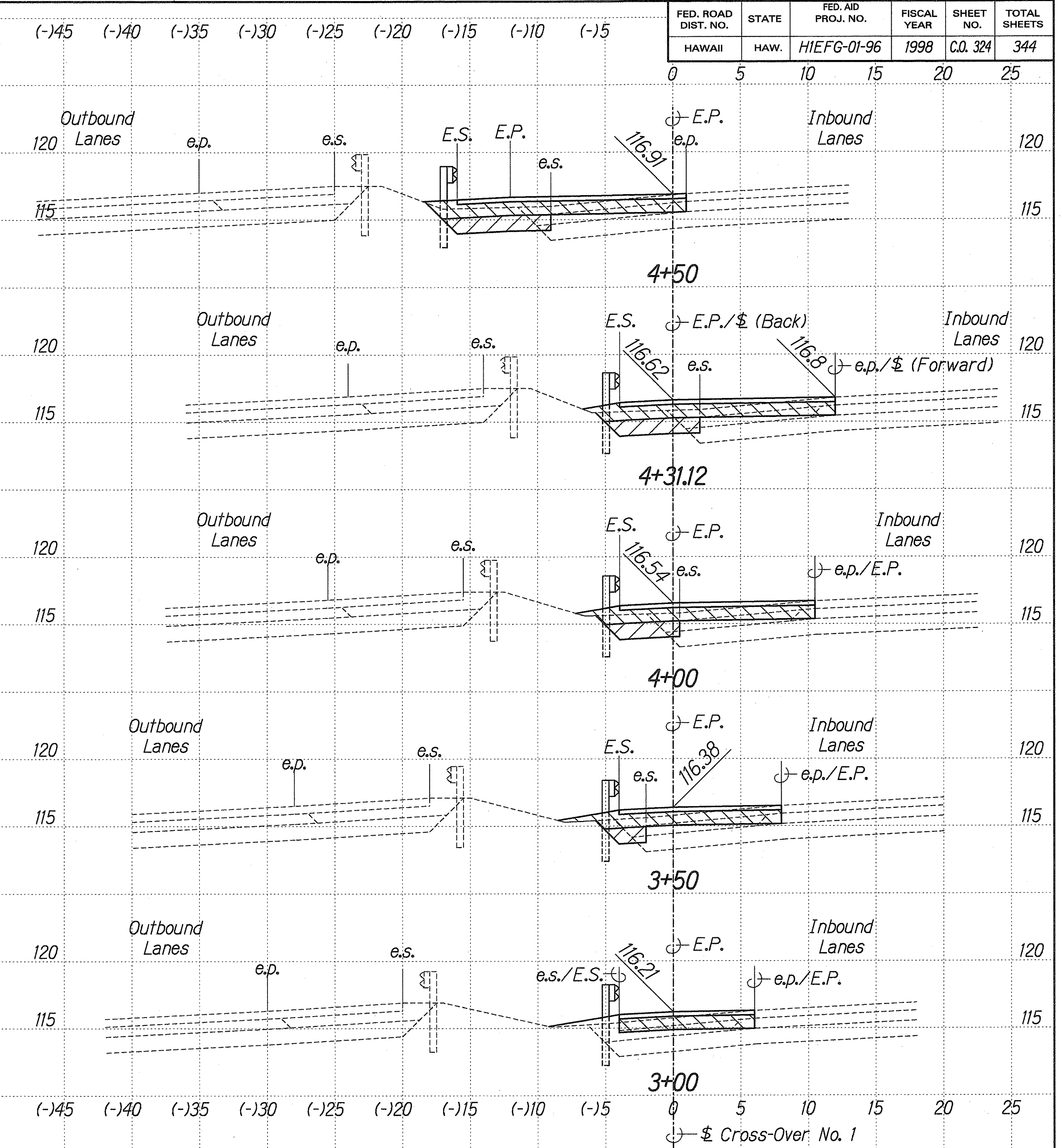
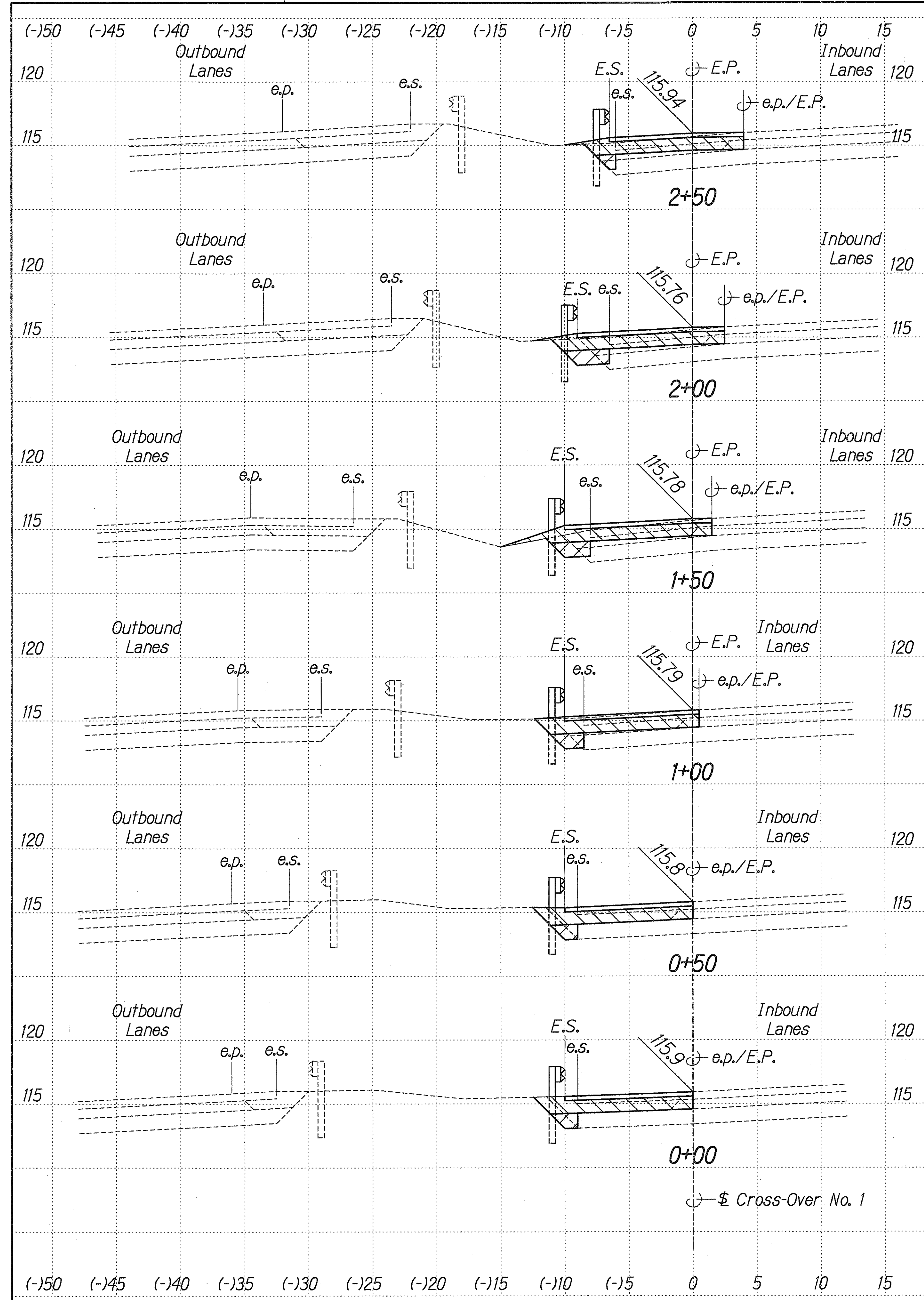
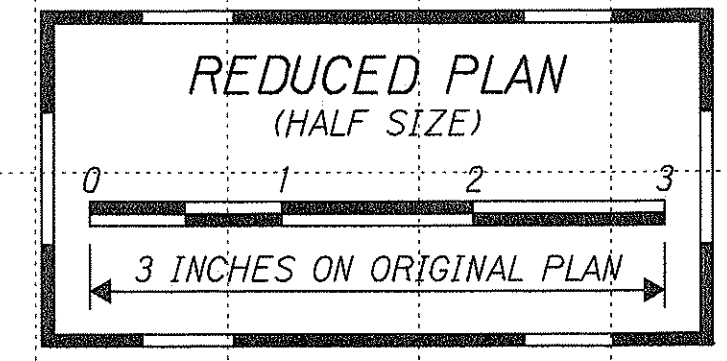
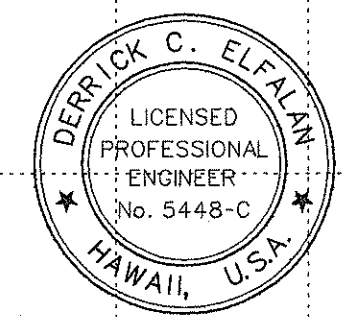


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 324	344



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

CROSS-OVER NO. 1
 Scale: Horiz. 1"= 5'-0"
 Vert. 1"= 5'-0"



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**CROSS SECTIONS
 CROSS-OVER NO. 1**

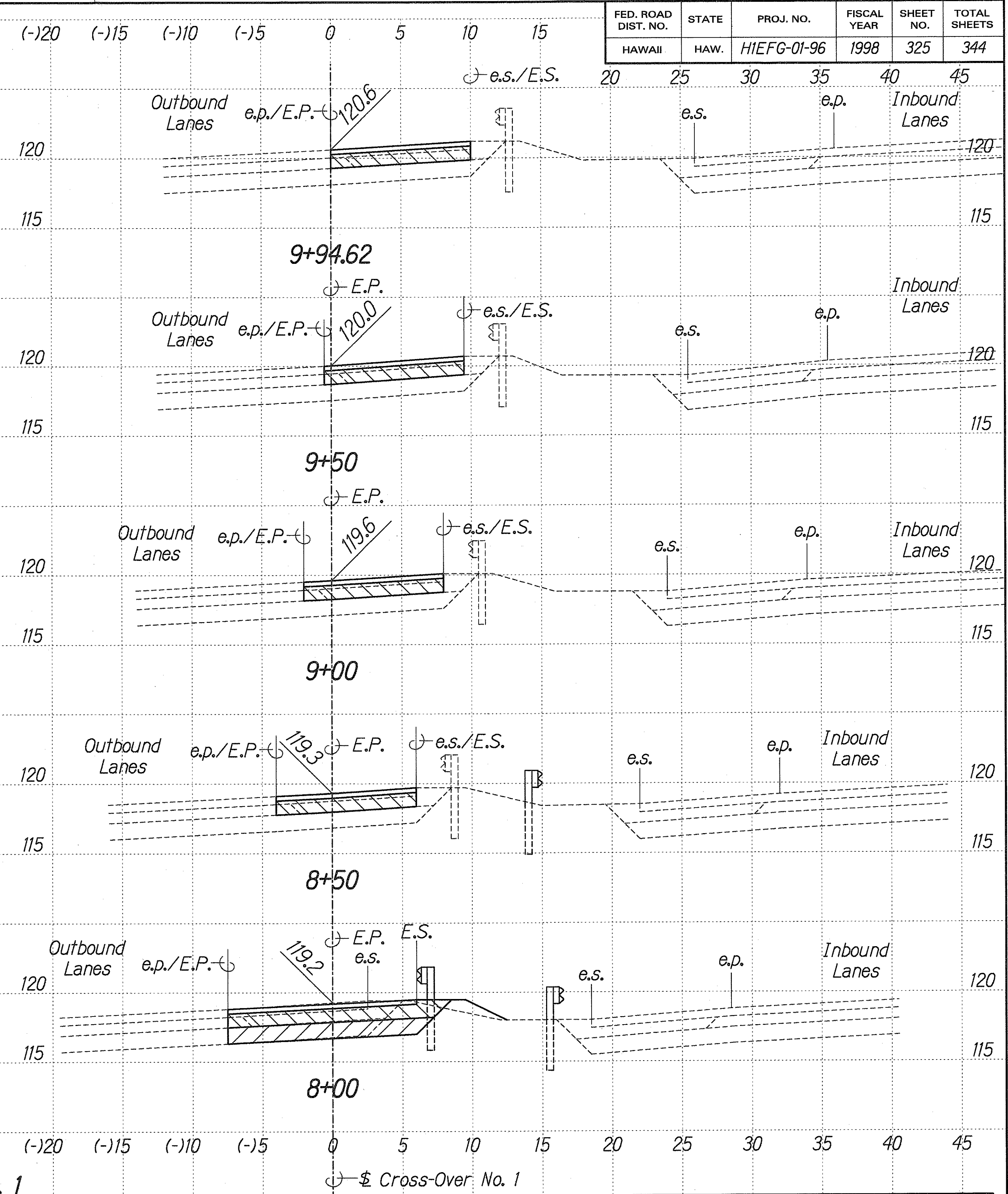
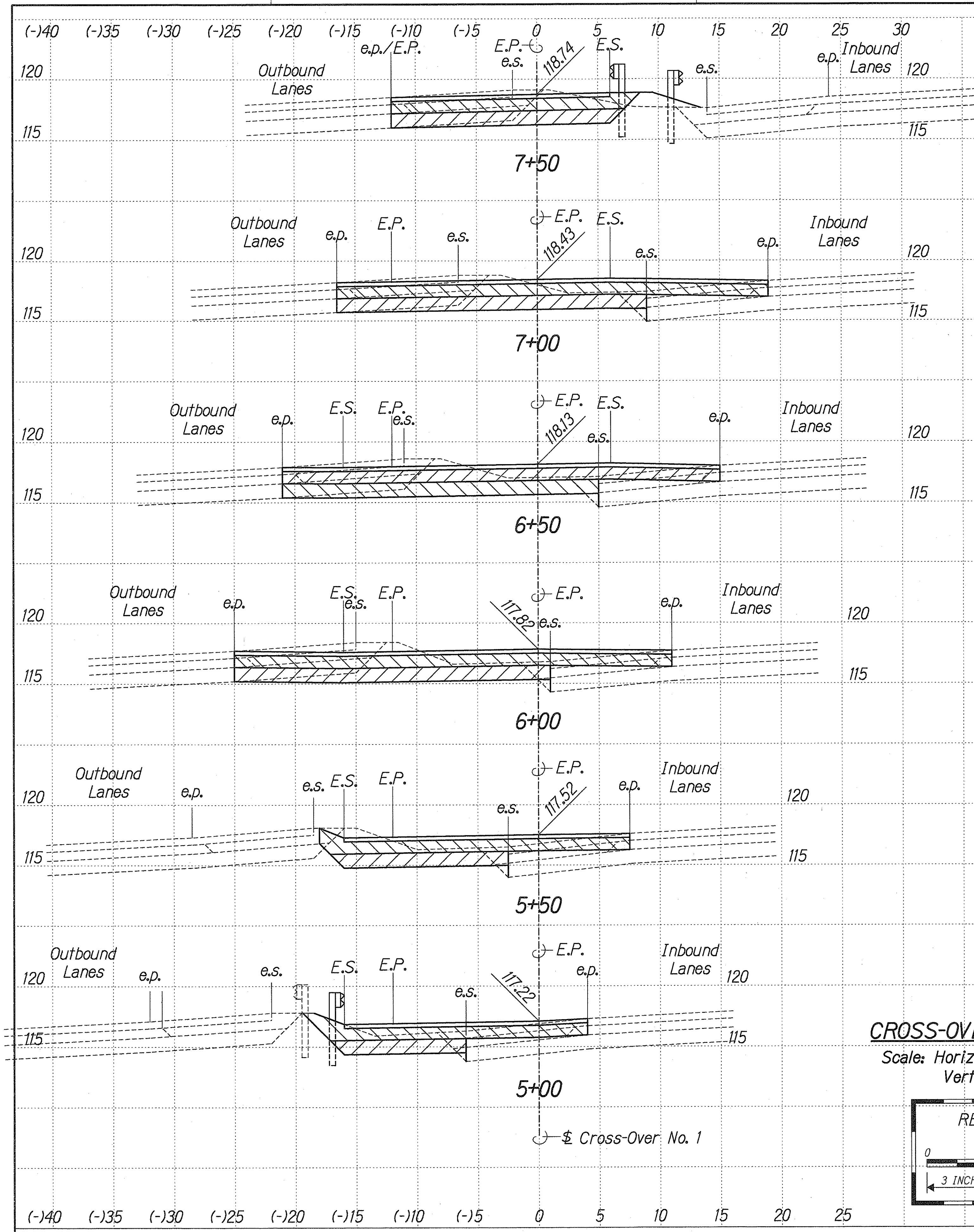
INTERSTATE ROUTE H-1
 CONTRAFLOW AND SHOULDER LANE
 PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. XI OF 15 SHEETS

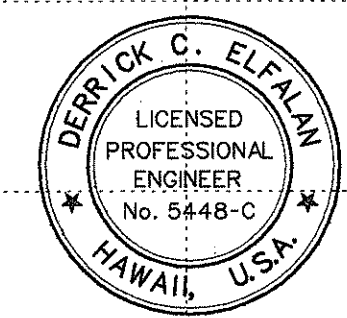
DATE	REVISION
7/10/98	Revised sections.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	325	344



CROSS-OVER NO. 1

Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"



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Derrick C. Elfaian
Derrick C. Elfaian
dca PARK ENGINEERING

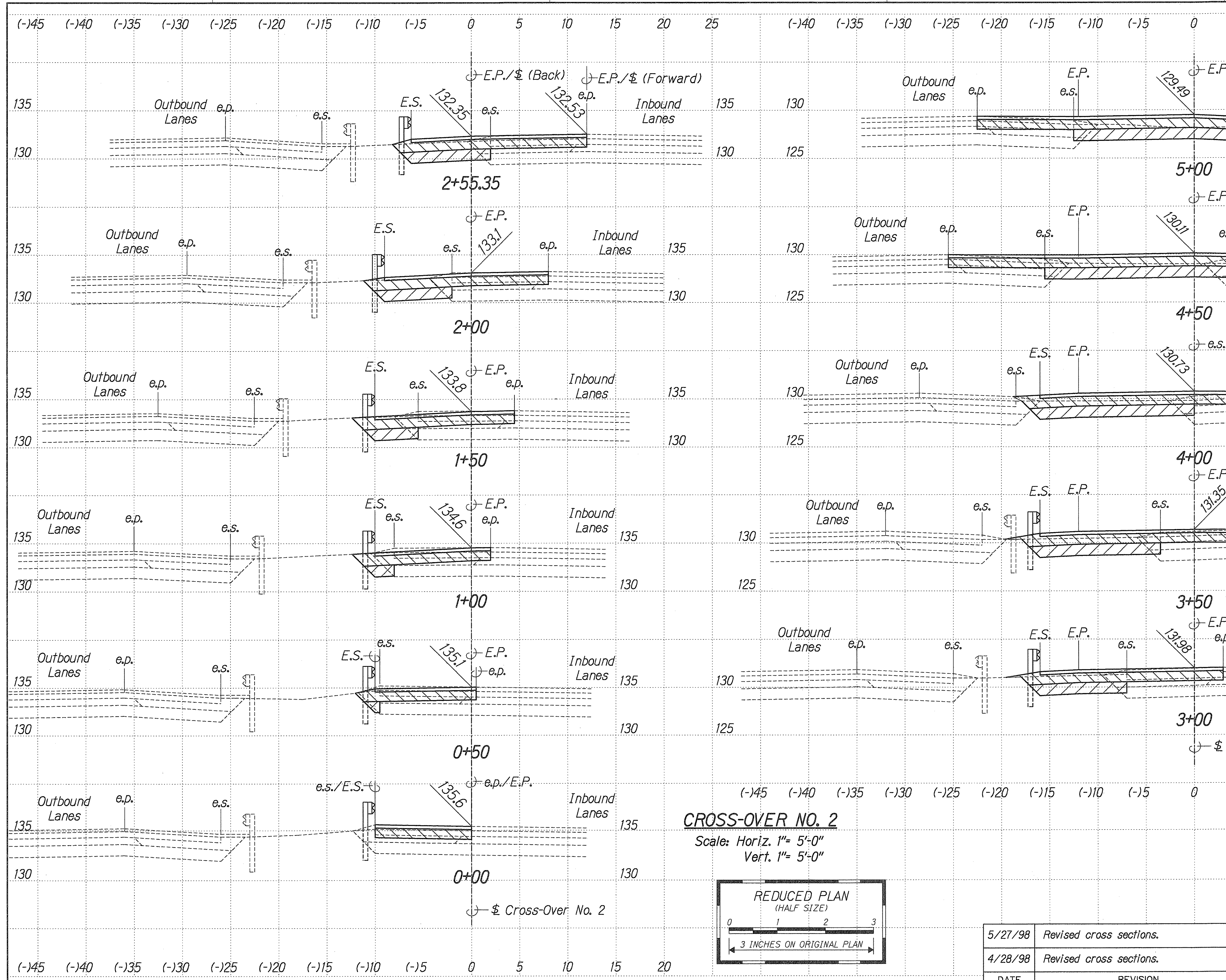
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 1

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

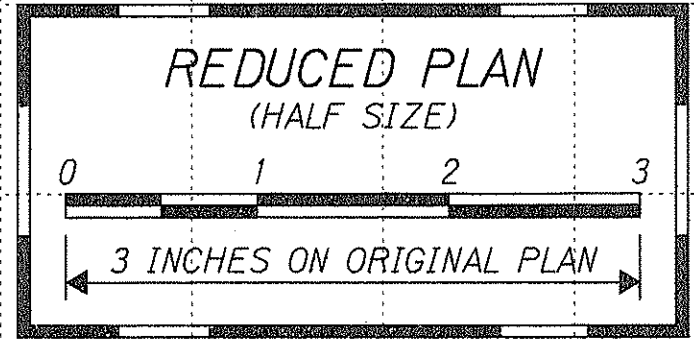
SHEET No. X2 OF 15 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 326	344

CROSS-OVER NO. 2

Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"



5/27/98	Revised cross sections.
4/28/98	Revised cross sections.
DATE	REVISION



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DATE: 10/1/97
FOR: HAWAIIAN PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

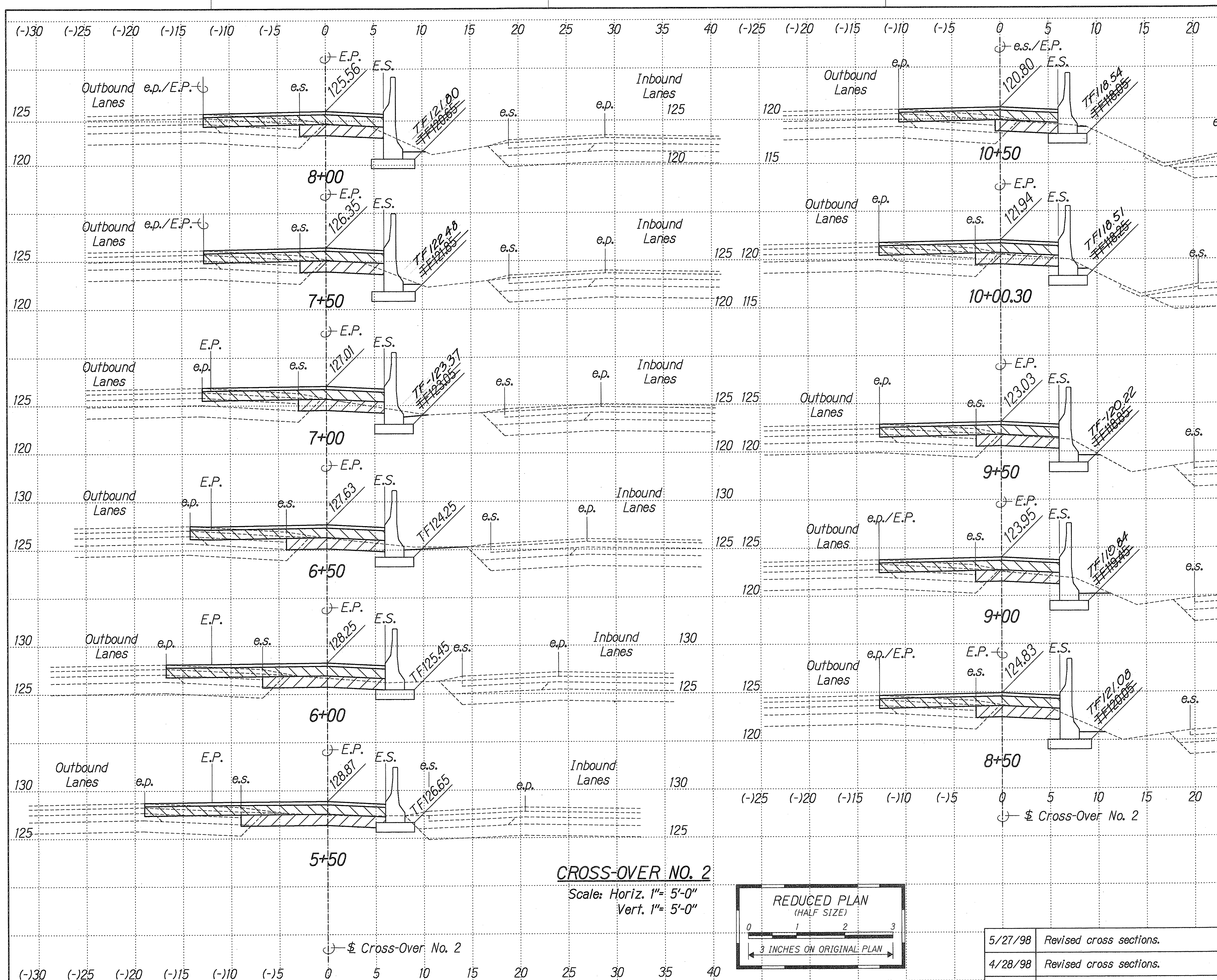
CROSS SECTIONS
CROSS-OVER NO. 2

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. X3 OF 15 SHEETS

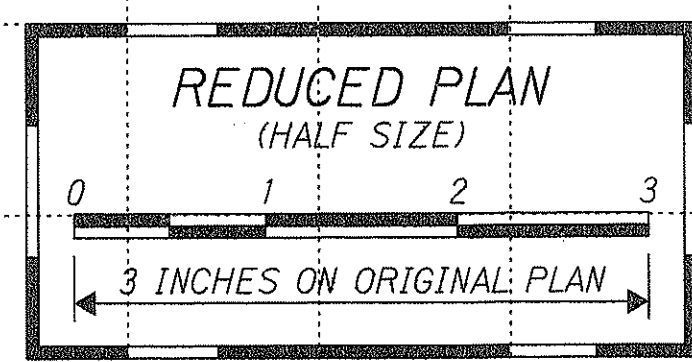
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
CHECKED BY	



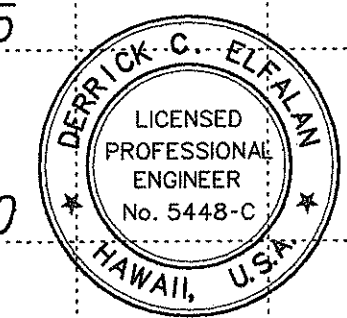
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 327	344

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

CROSS-OVER NO. 2
Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"



5/27/98	Revised cross sections.
4/28/98	Revised cross sections.
DATE	REVISION



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[Signature]
SEA PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 2

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

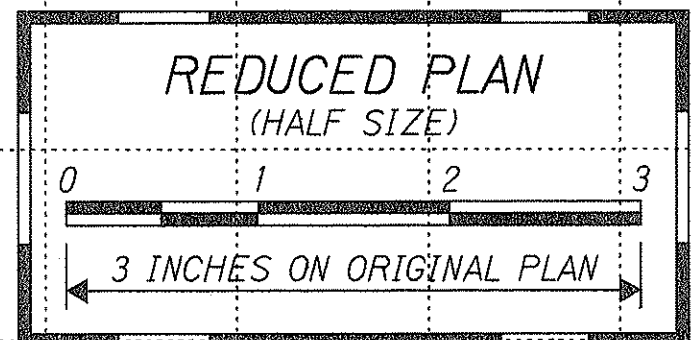
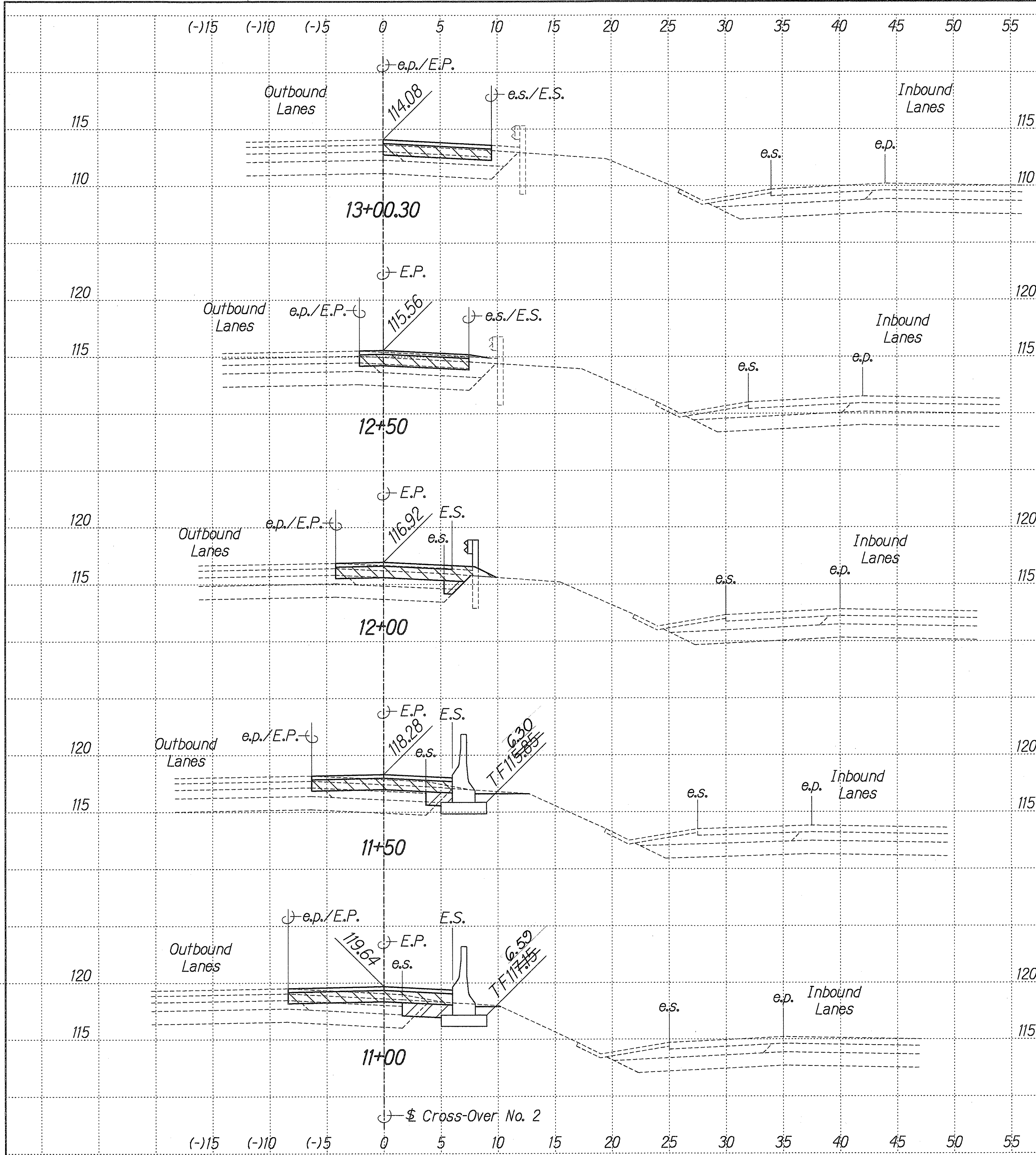
Scale: As Shown Date: October 1997

SHEET No. **X4** OF **15** SHEETS

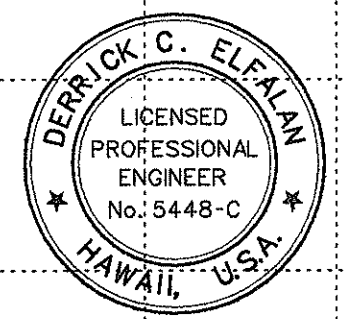
"AS-BUILT"

C.O. 327

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 328	344



CROSS-OVER NO. 2
Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"



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[Signature]
DERRICK C. ELEAN
P.E., INC.
100 PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 2

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. X5 OF 15 SHEETS

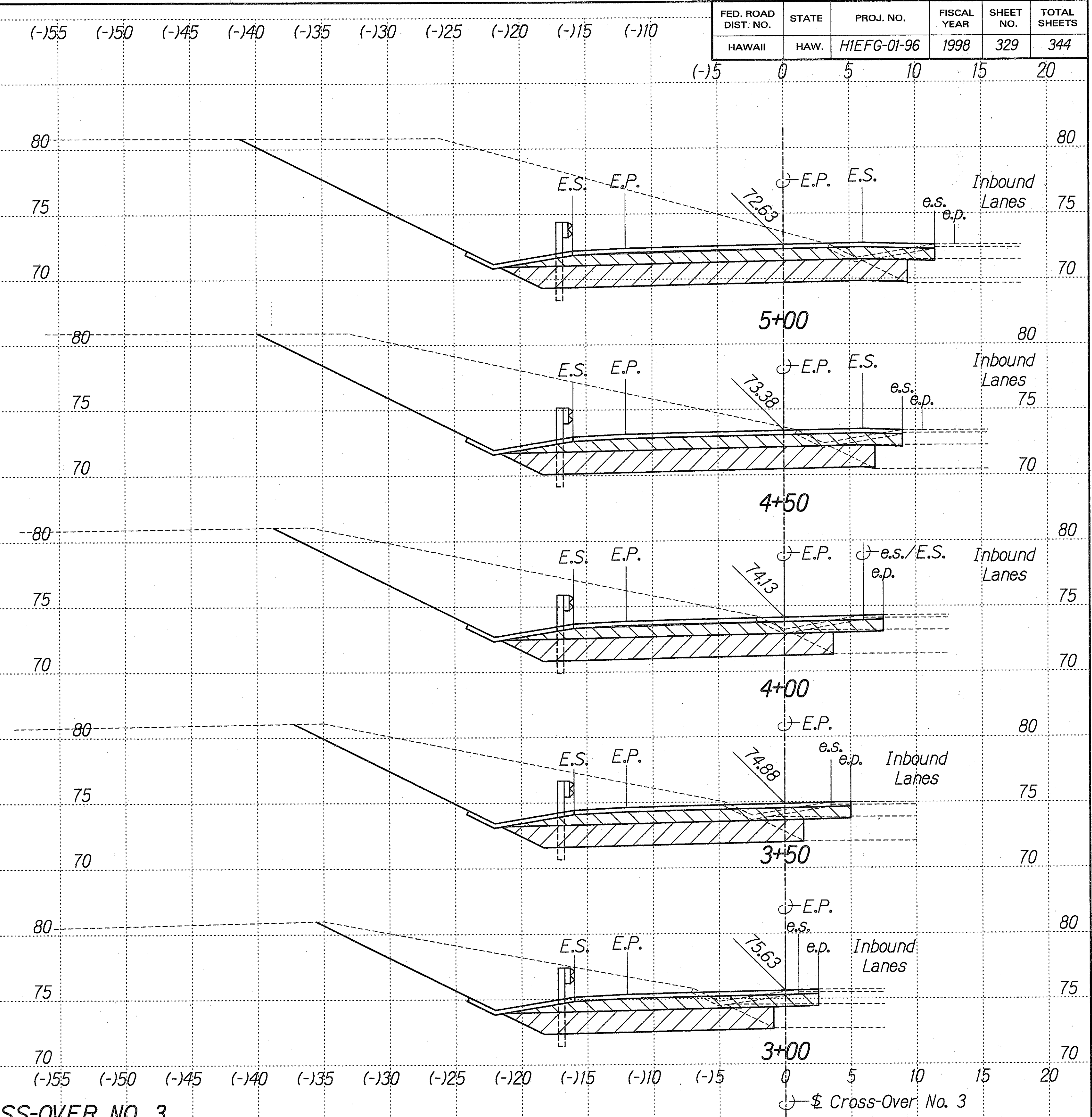
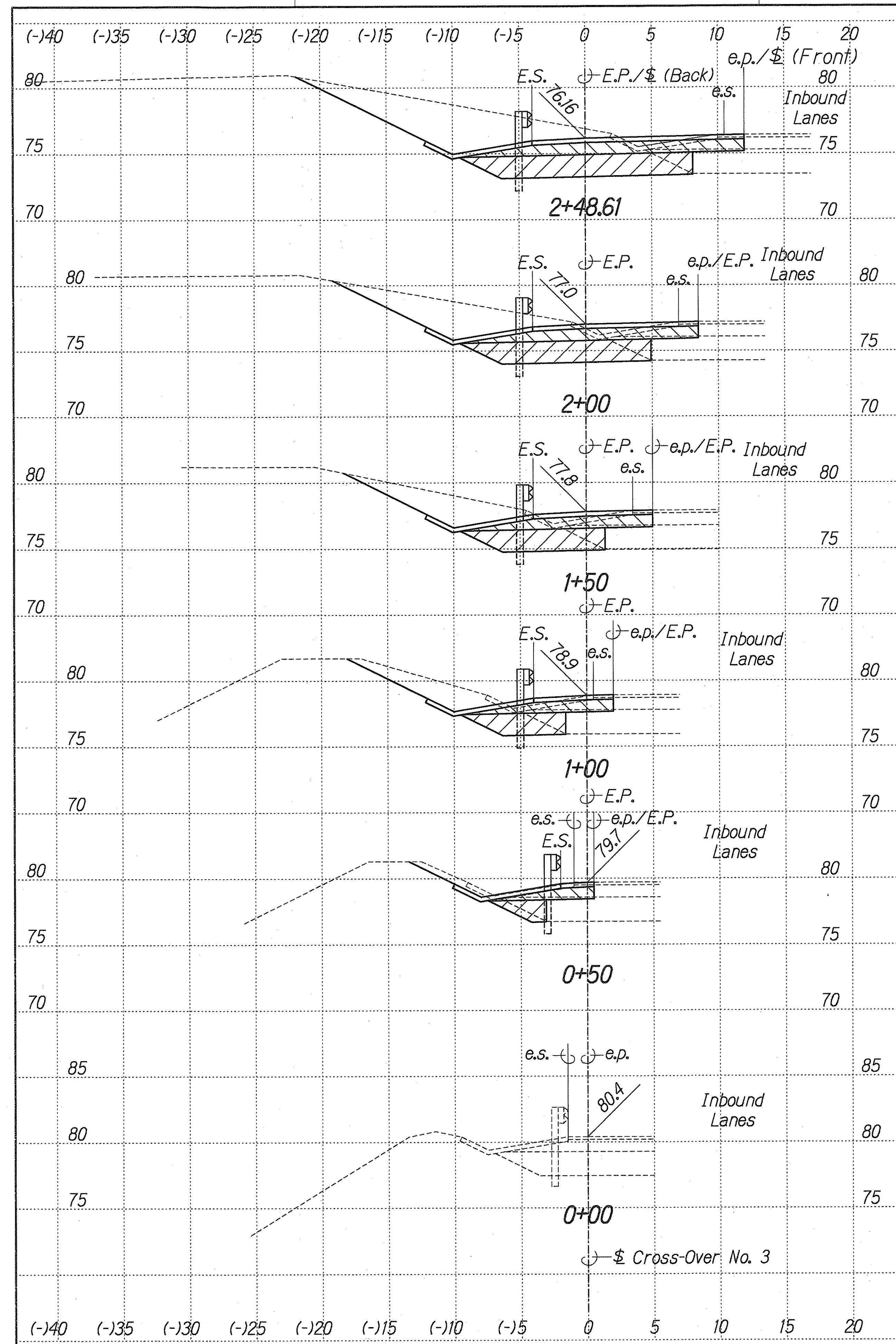
5/27/98	Revised cross sections
4/28/98	Revised cross sections
DATE	REVISION

"AS-BUILT"

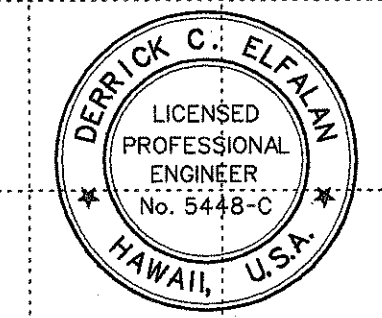
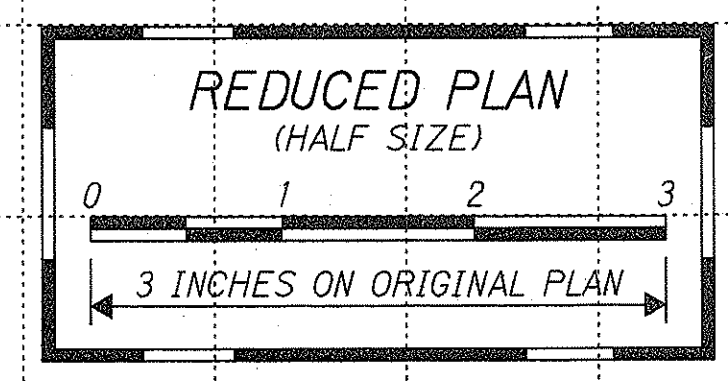
C.O. 328

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	329	344



CROSS-OVER NO. 3
 Scale: Horiz. 1"= 5'-0"
 Vert. 1"= 5'-0"



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 dda PARK ENGINEERING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 3

INTERSTATE ROUTE H-1
 CONTRAFLOW AND SHOULDER LANE
 PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997
 SHEET No. X6 OF 15 SHEETS

DATE: _____

SURVEY PLOTTED BY: _____

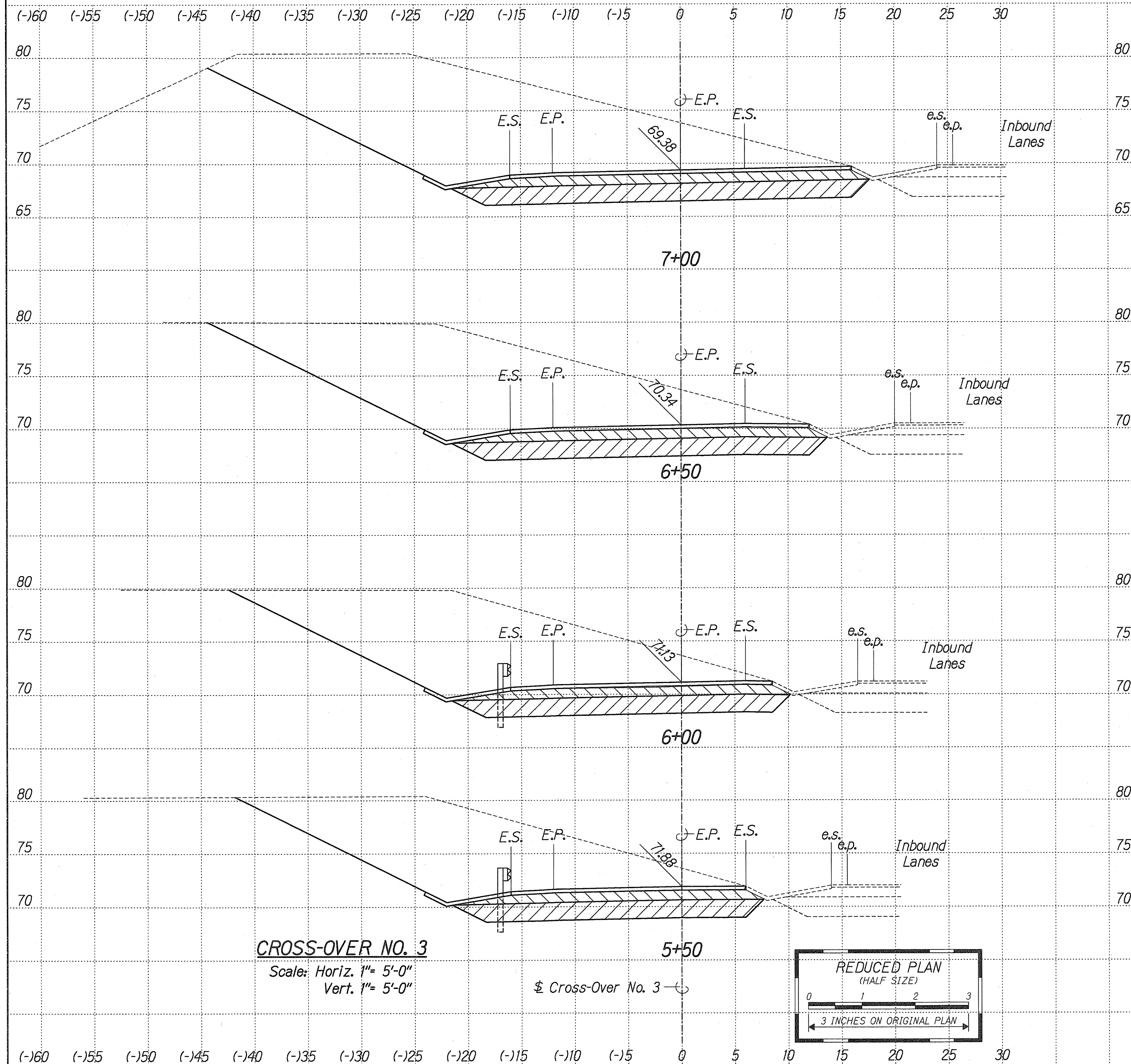
DESIGNED BY: _____

CHECKED BY: _____

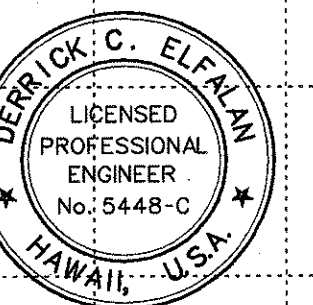
ORIGINAL PLAN: _____

NOTE BOOK: _____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	330	344



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
IN.	



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

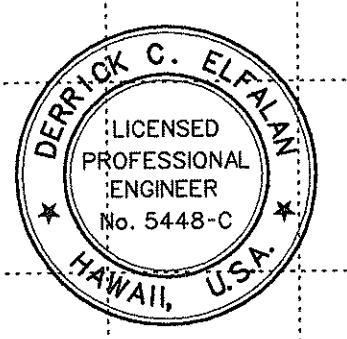
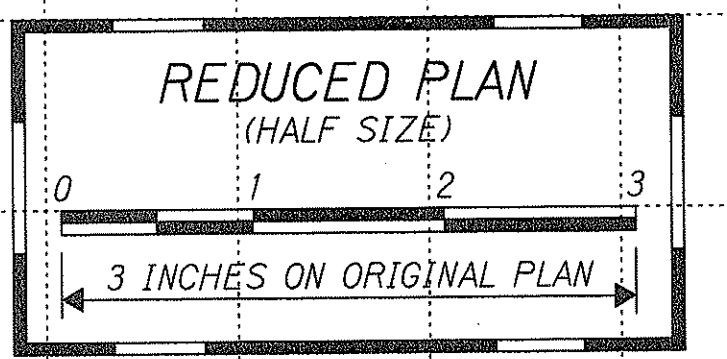
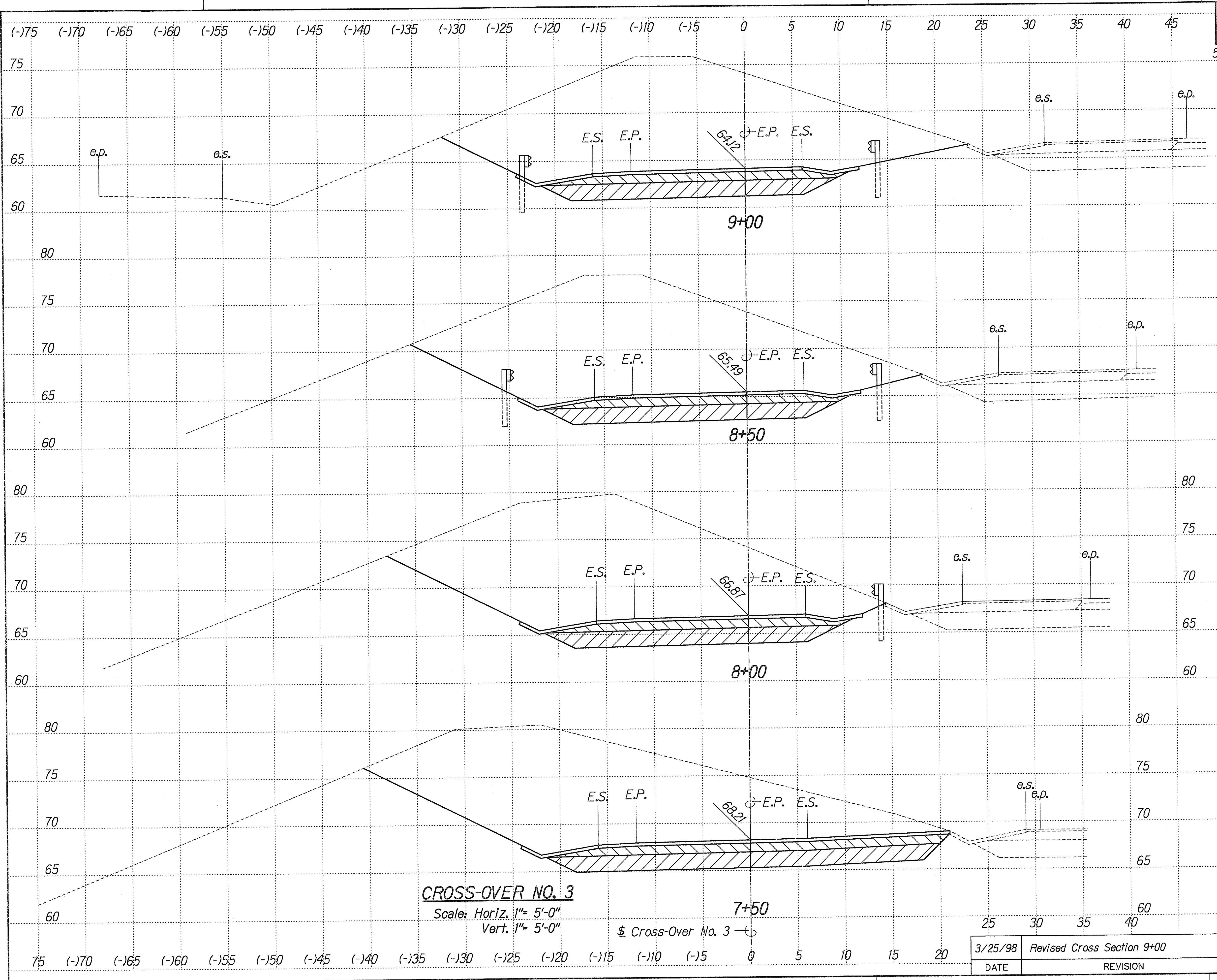
CROSS SECTIONS
CROSS-OVER NO. 3

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. X7 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 331	344



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 DCA PARK ENGINEERING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 3

INTERSTATE ROUTE H-1
 CONTRAFLOW AND SHOULDER LANE
 PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

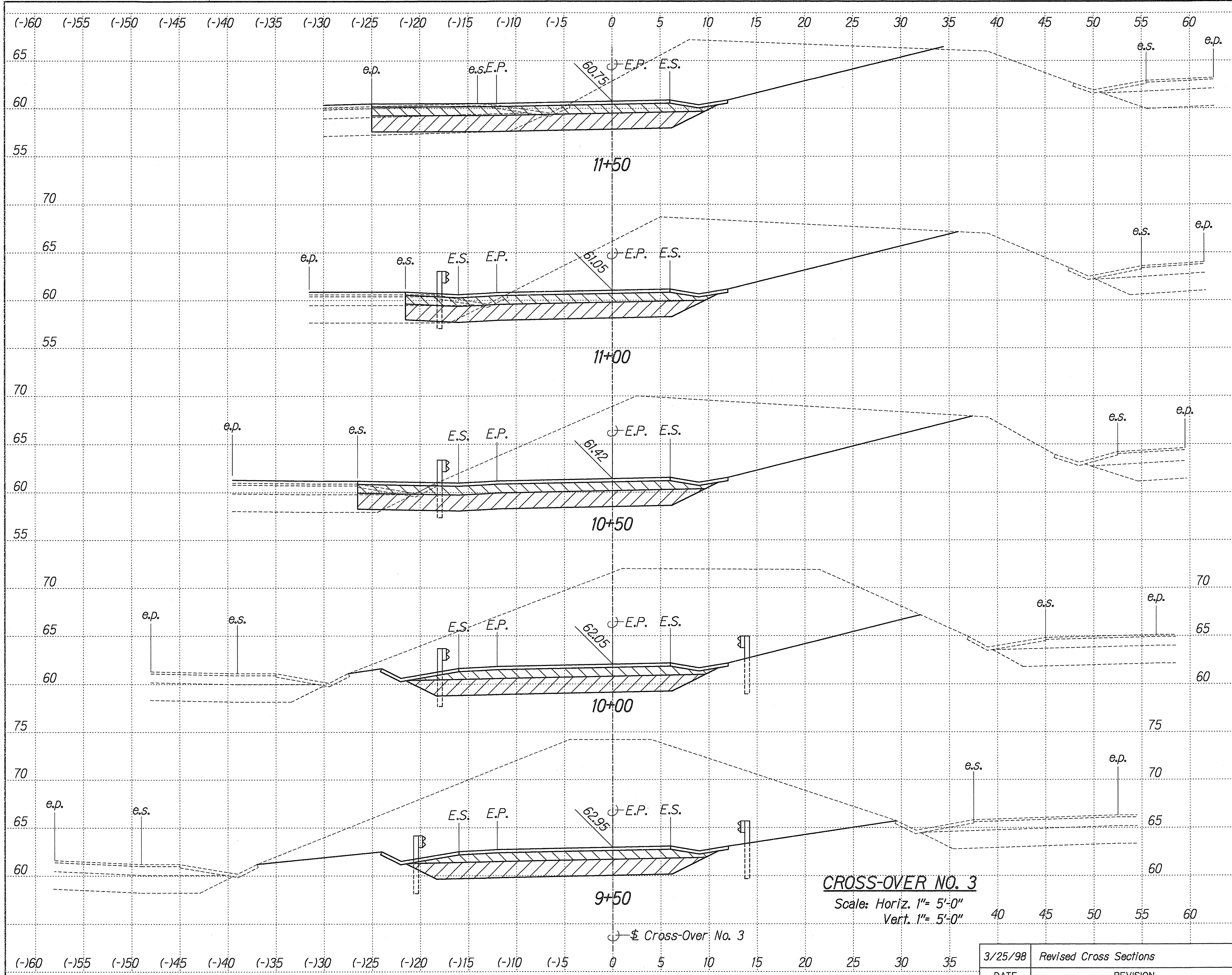
SHEET No. **X8** OF **15** SHEETS

CROSS-OVER NO. 3
 Scale: Horiz. 1"= 5'-0"
 Vert. 1"= 5'-0"

§ Cross-Over No. 3

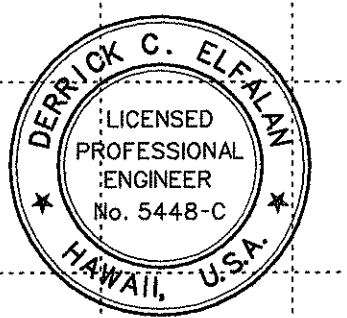
3/25/98	Revised Cross Section 9+00
DATE	REVISION

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



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 332	344

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES ON ORIGINAL PLAN



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P&E, Inc.
dbs PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 3

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

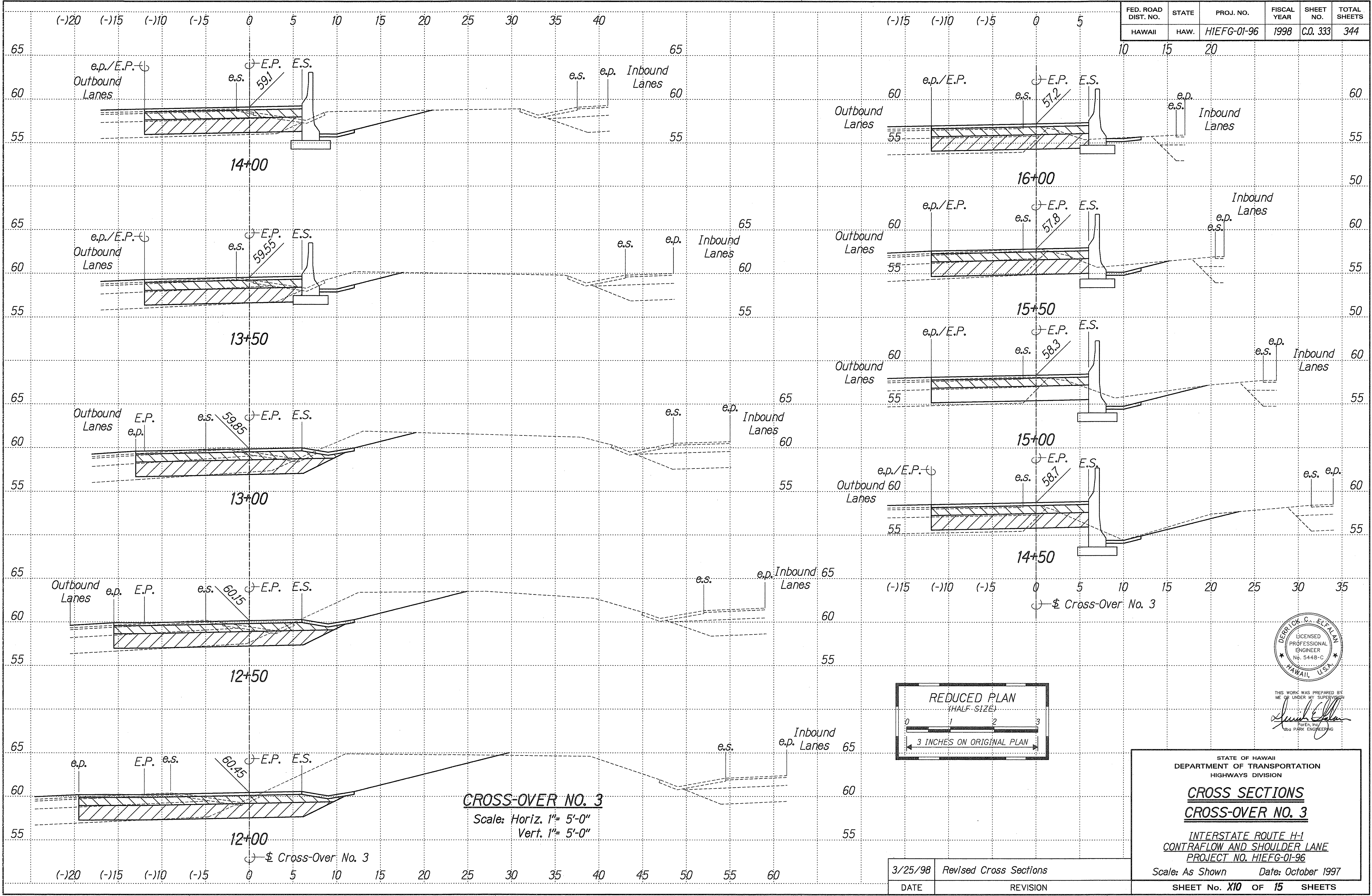
SHEET No. X9 OF 15 SHEETS

CROSS-OVER NO. 3
Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"

3/25/98	Revised Cross Sections
DATE	REVISION

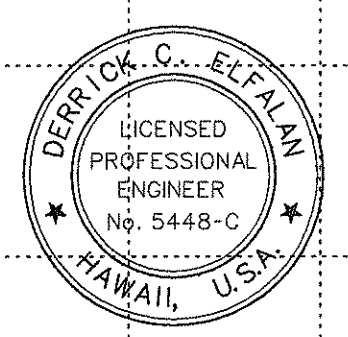
ORIGINAL PLAN	DATE
NOTED BY	DESIGNED BY
QUANTITIES BY	CHECKED BY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 333	344



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

REDUCED PLAN
(HALF-SIZE)
3 INCHES ON ORIGINAL PLAN



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[Signature]
For En. Inc.
Civil Engineering

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 3

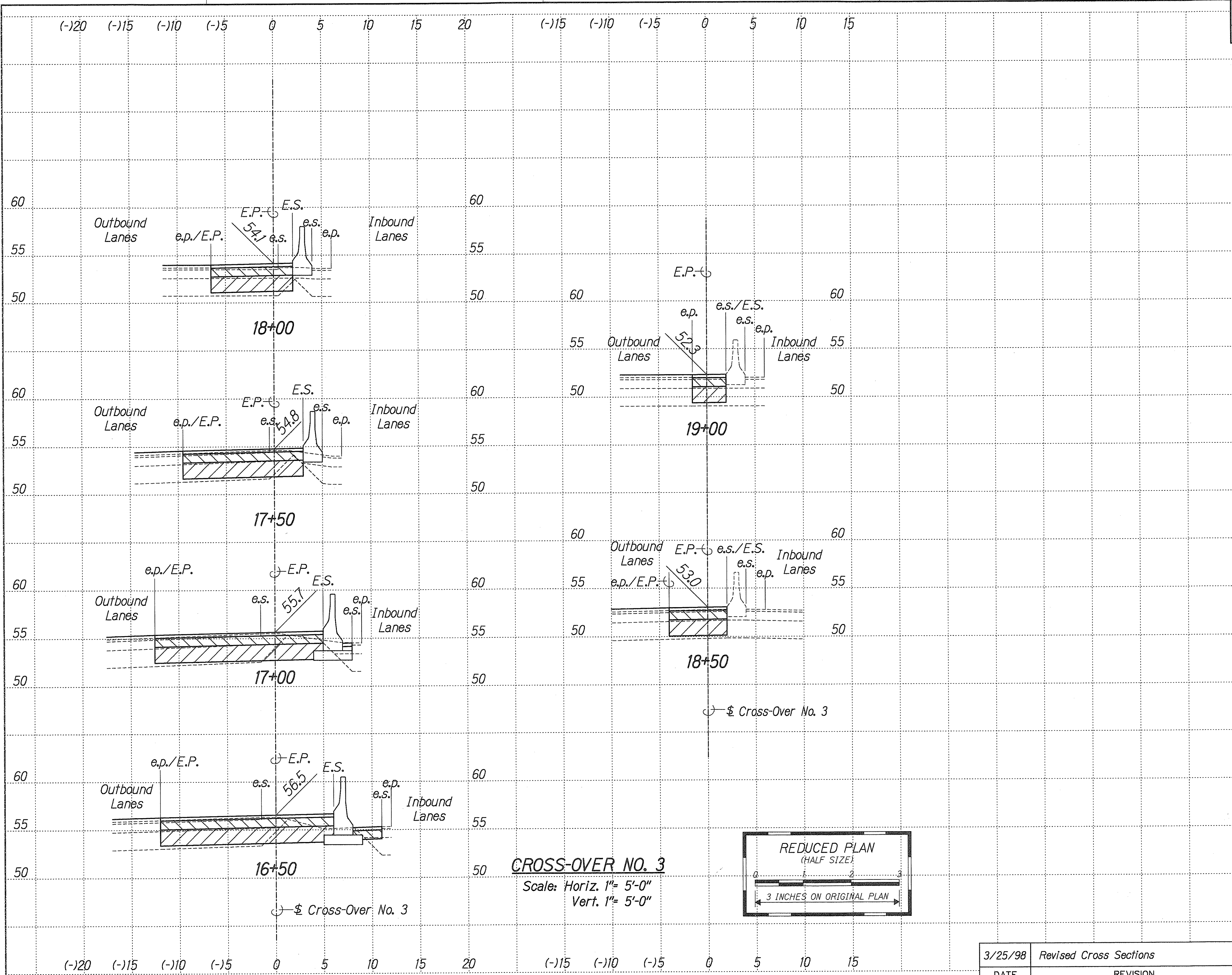
INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. **X10** OF 15 SHEETS

3/25/98	Revised Cross Sections
DATE	REVISION

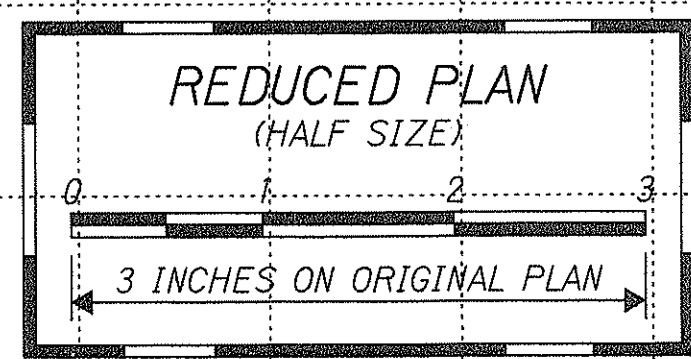
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 334	344



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	



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PREFEN, INC.
dba PARK ENGINEERING



CROSS-OVER NO. 3
Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"

3/25/98	Revised Cross Sections
DATE	REVISION

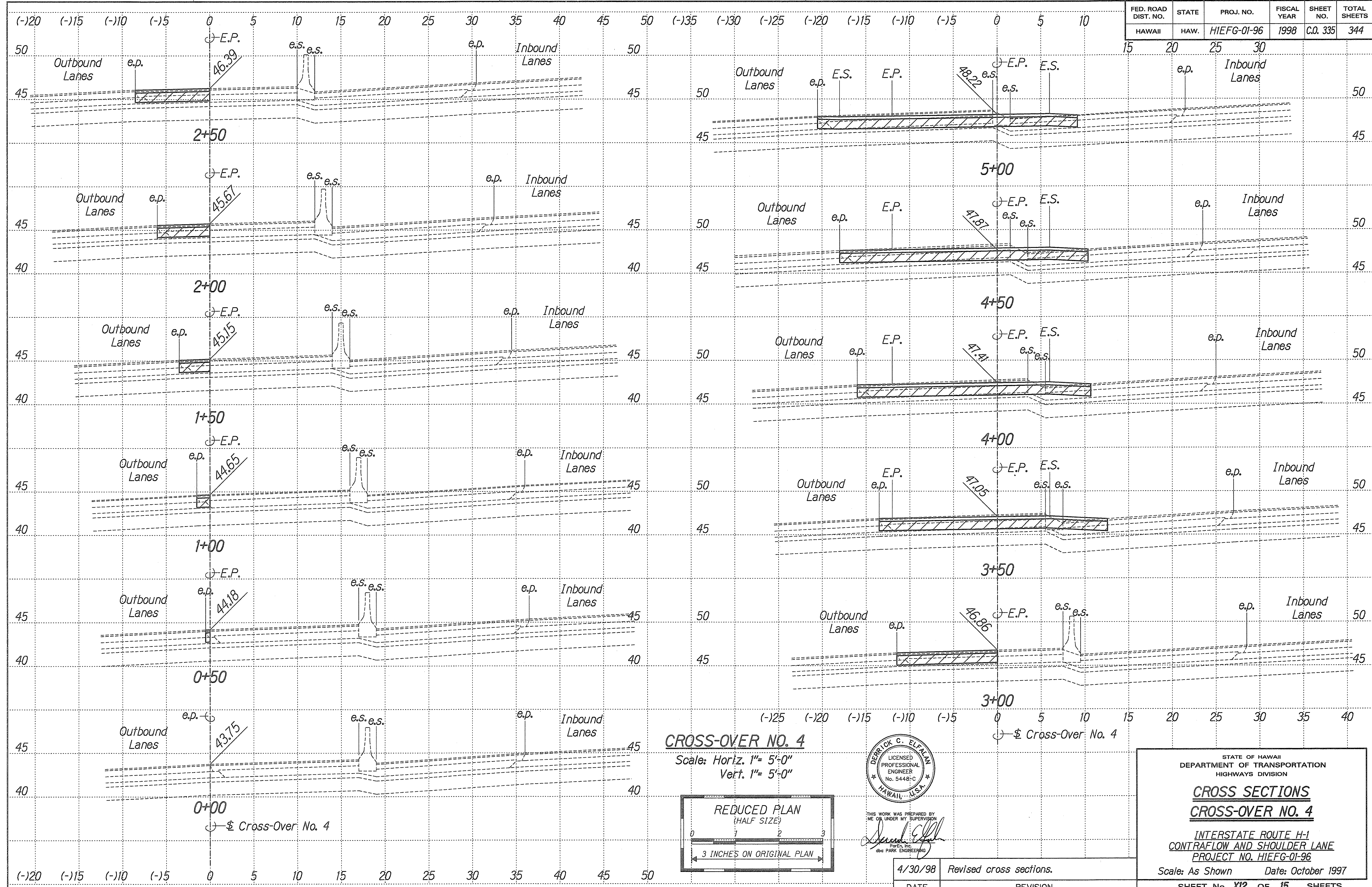
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 3

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997
SHEET No. *XII* OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 335	344



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

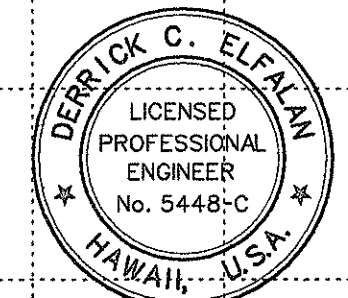
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 4

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. X12 OF 15 SHEETS

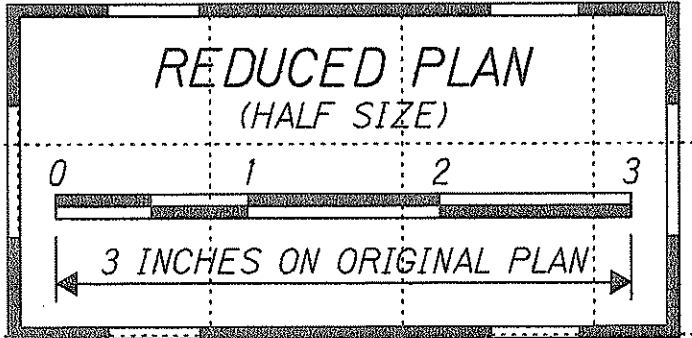
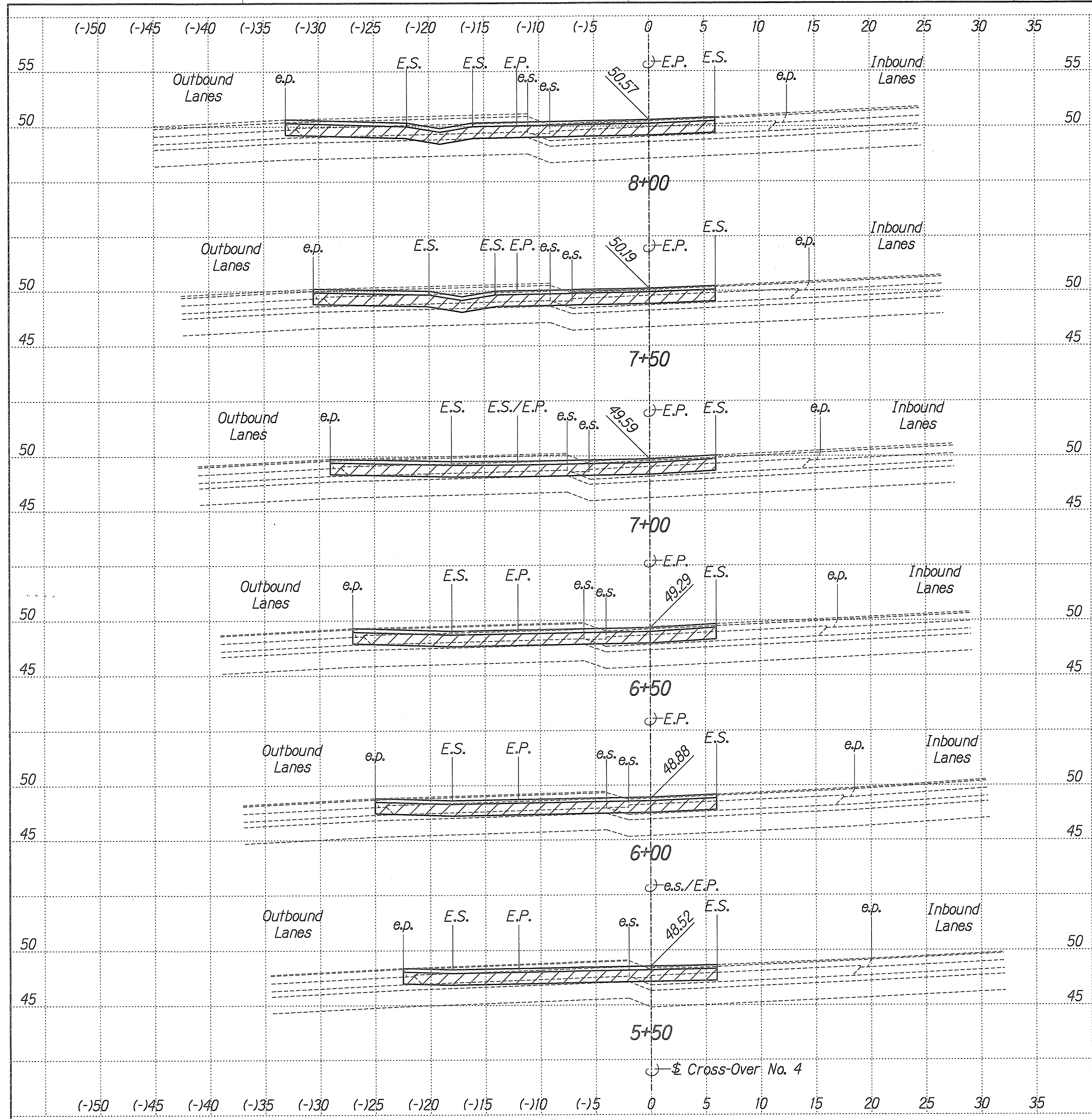


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[Signature]
Derrick C. Elfa
Professional Engineer
No. 5448-C
HAWAII, U.S.A.

4/30/98	Revised cross sections.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 336	344



CROSS-OVER NO. 4
 Scale: Horiz. 1"= 5'-0"
 Vert. 1"= 5'-0"



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 P. R. E. A., Inc.
 CIVIL ENGINEERING

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTION
CROSS-OVER NO. 4

INTERSTATE ROUTE H-1
 CONTRAFLOW AND SHOULDER LANE
 PROJECT NO. HIEFG-01-96

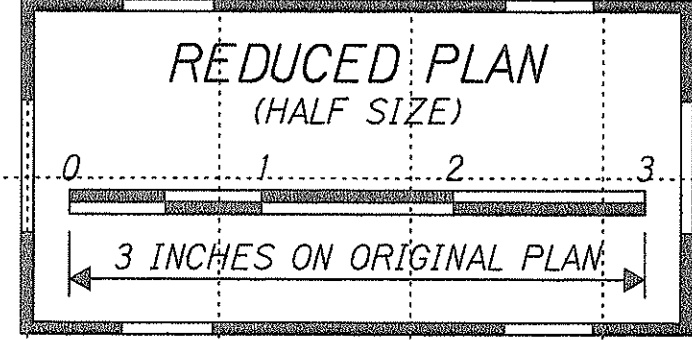
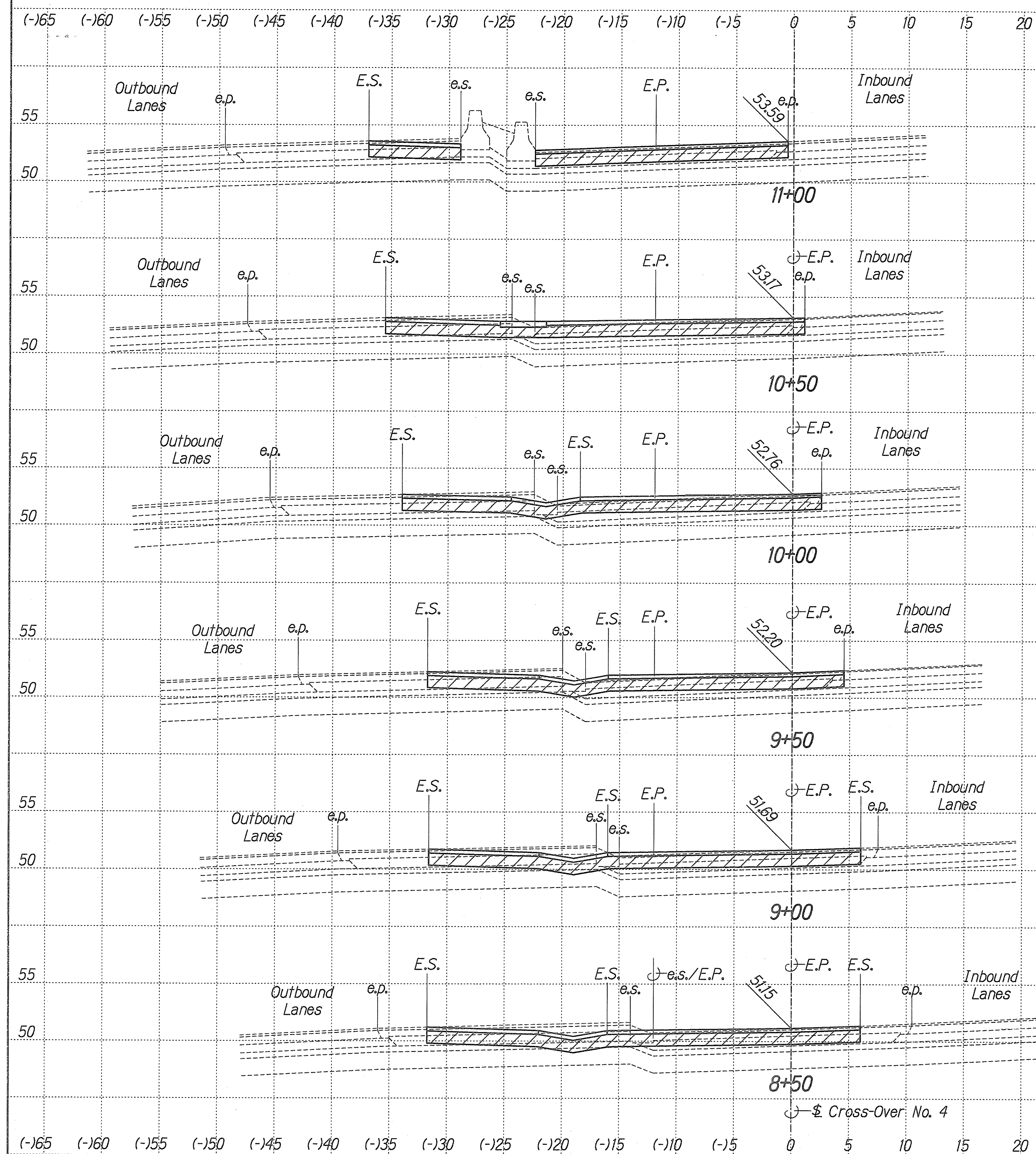
Scale: As Shown Date: October 1997

SHEET No. **X13** OF **15** SHEETS

4/30/98	Revised cross sections.
DATE	REVISION

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

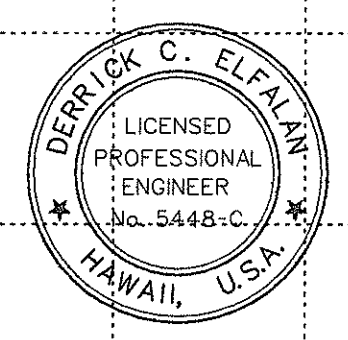
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 337	344



CROSS-OVER NO. 4

Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"

SURVEY PLATTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	



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[Signature]
Derrick C. Elfan
Professional Engineer
No. 5448-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 4

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

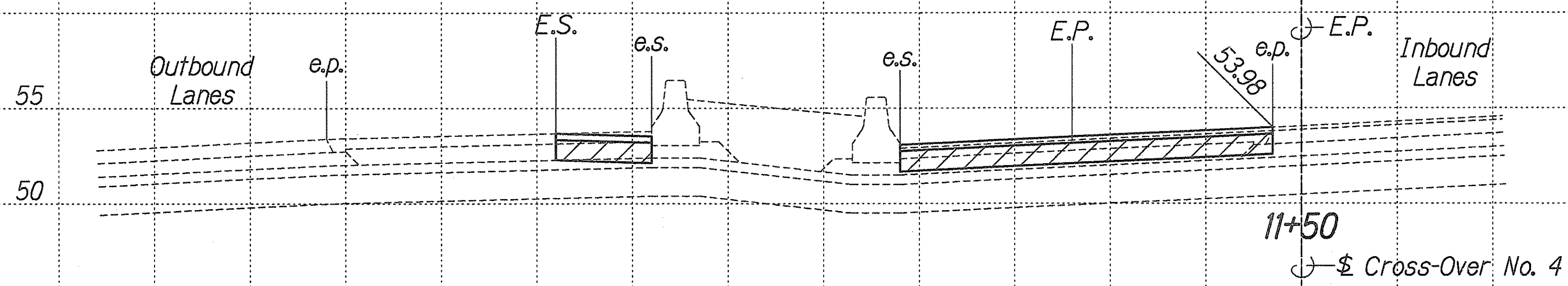
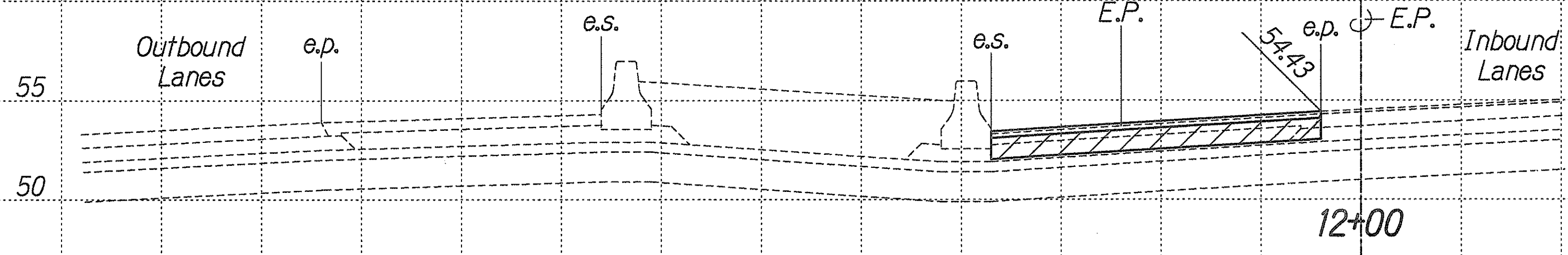
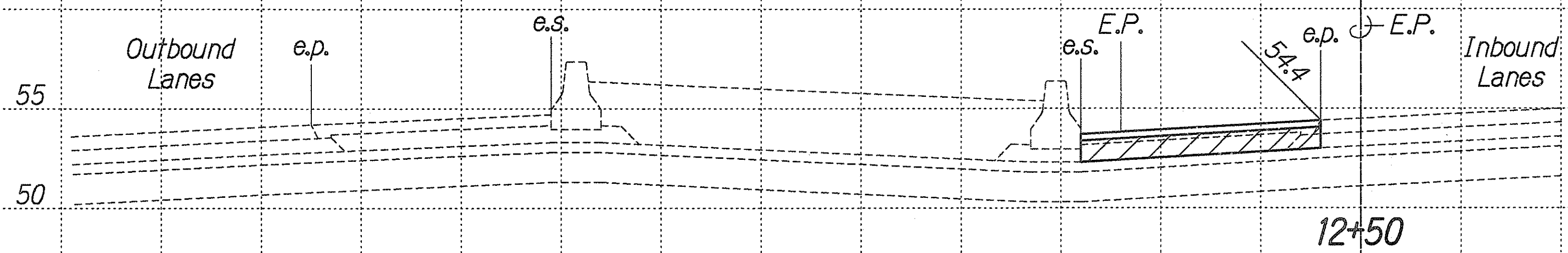
Scale: As Shown Date: October 1997

SHEET No. **X14** OF **15** SHEETS

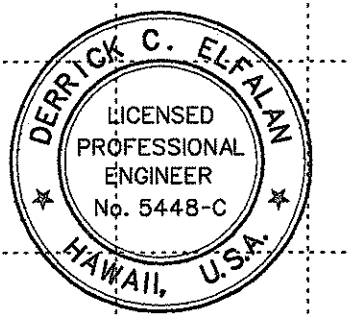
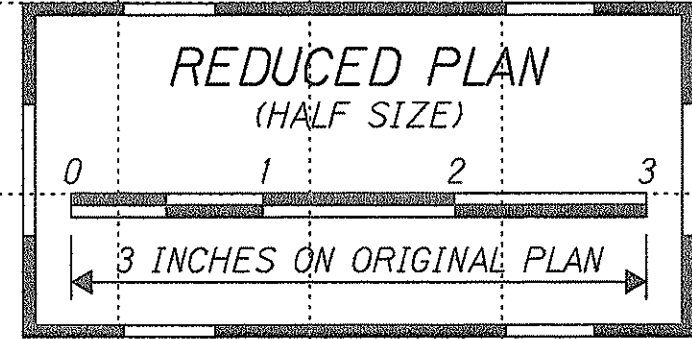
4/30/98	Revised cross sections.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O. 338	344

(-165) (-160) (-155) (-150) (-145) (-140) (-135) (-130) (-125) (-120) (-115) (-110) (-105) (-100) (-95) (-90) (-85) (-80) (-75) (-70) (-65) (-60) (-55) (-50) (-45) (-40) (-35) (-30) (-25) (-20) (-15) (-10) (-5) 0 5 10 15



CROSS-OVER NO. 4
Scale: Horiz. 1"= 5'-0"
Vert. 1"= 5'-0"



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[Signature]
DERRICK C. ELFAIM
1000 PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS
CROSS-OVER NO. 4

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
PROJECT NO. HIEFG-01-96

Scale: As Shown Date: October 1997

SHEET No. X15 OF 15 SHEETS

4/30/98	Revised cross sections.
DATE	REVISION