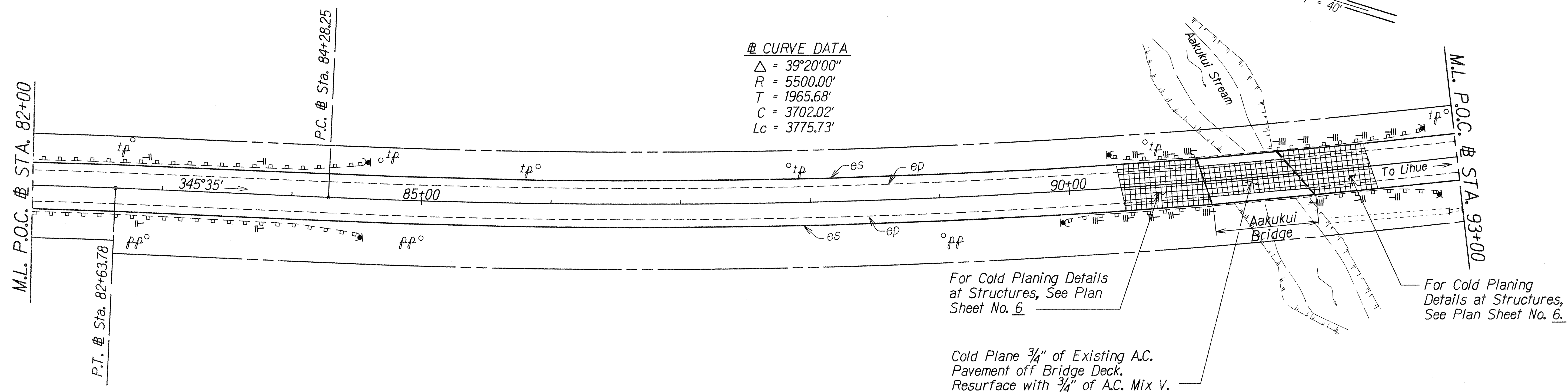
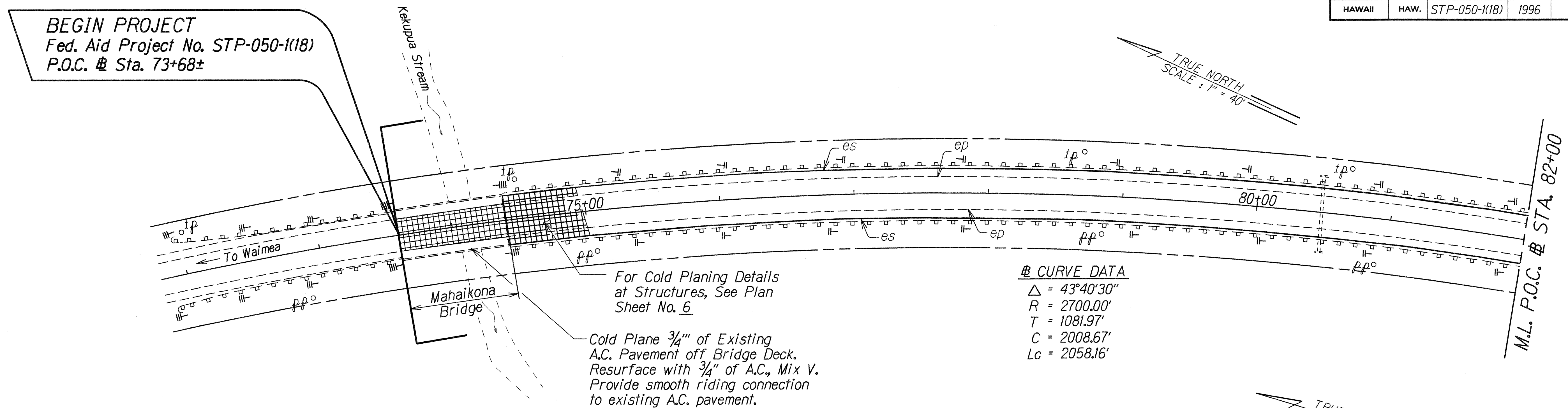


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	7	33

BEGIN PROJECT
Fed. Aid Project No. STP-050-1(18)
P.O.C. @ Sta. 73+68±



Note:
Unless otherwise indicated, stationing along baseline is specific to this project only.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

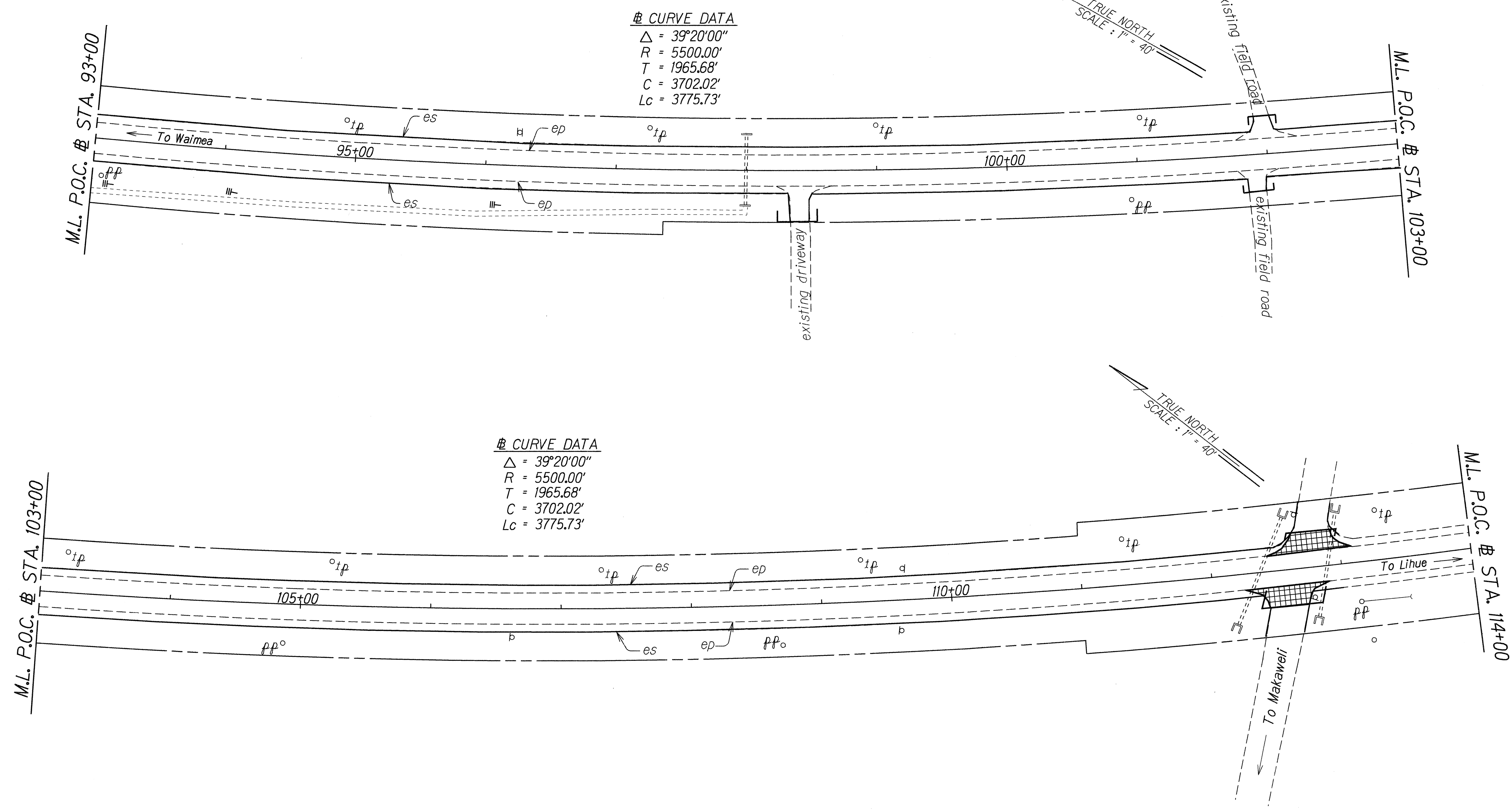
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	8	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY S. MacKawa	8
Kea Steve	TRACED BY K. S. MacKawa	
Kea Steve	QUANTITIES BY	
Kea Steve	CHECKED BY	

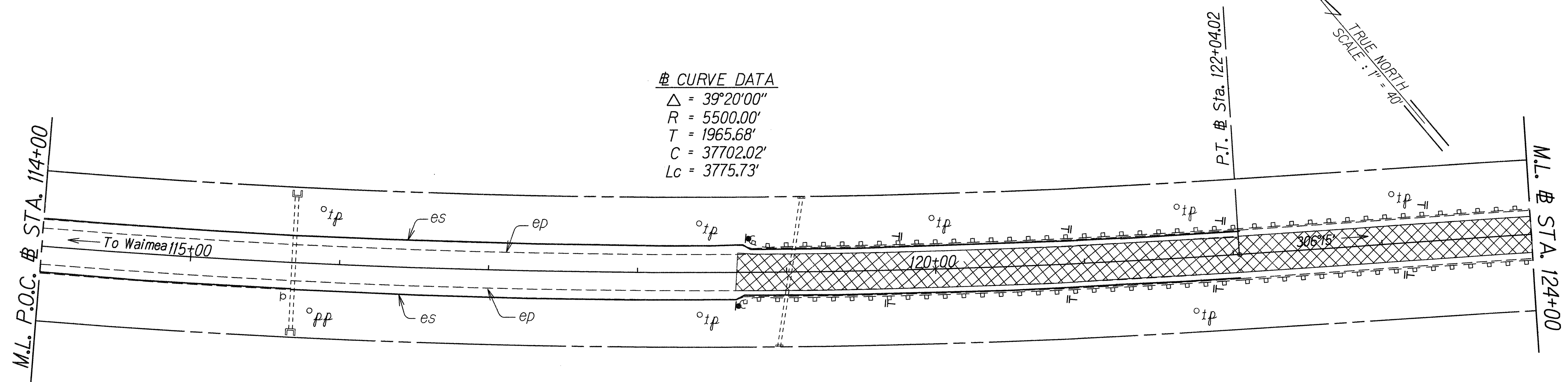
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

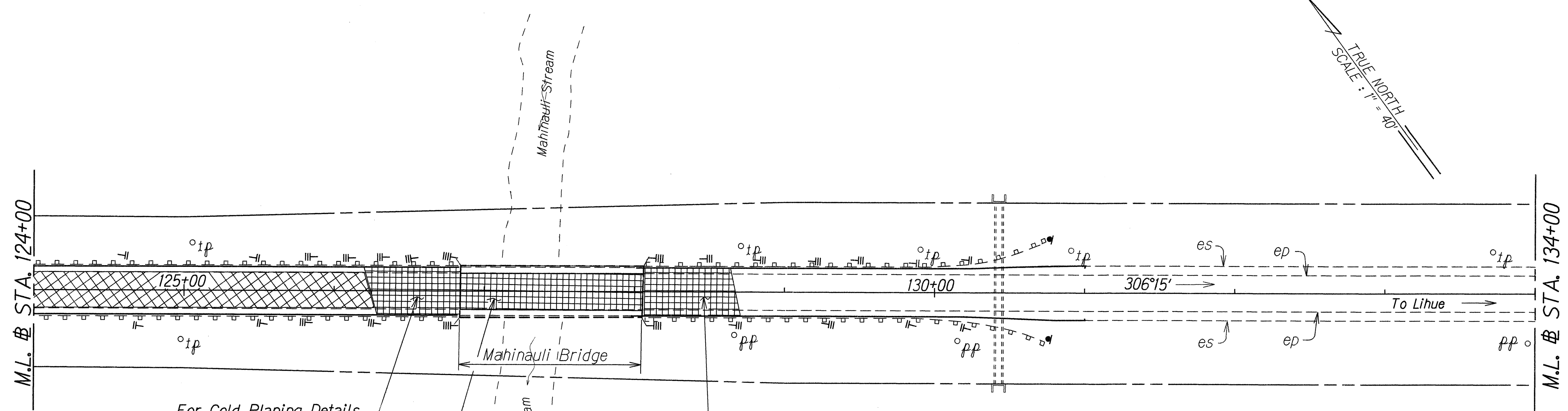
KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995
SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	9	33



CURVE DATA
 $\Delta = 39^\circ 20' 00''$
 $R = 5500.00'$
 $T = 1965.68'$
 $C = 37702.02'$
 $L_c = 3775.73'$



For Cold Planing Details
at Structures, See Plan
Sheet No. 6.

For Cold Planing Details
at Structures, See Plan
Sheet No. 6.

Cold Plane $\frac{3}{4}$ " of Existing A.C.
Pavement off Bridge Deck.
Resurface with $\frac{3}{4}$ " of A.C. Mix V.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
kei, Steve	TRACED BY	
skmukoojdm	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING

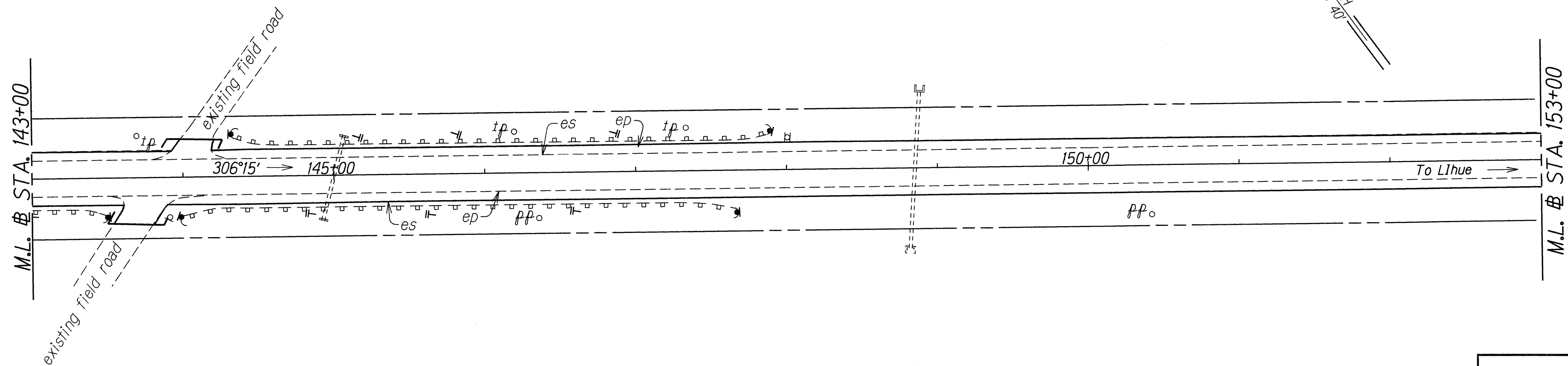
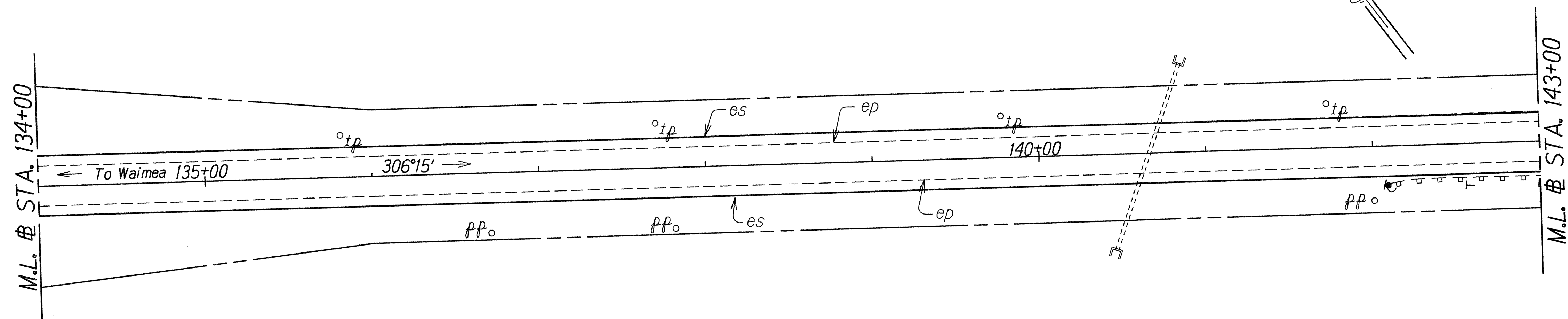
Mahaikona Bridge to Lele Road

Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	10	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
162.5166	CHECKED BY	
162.5166		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

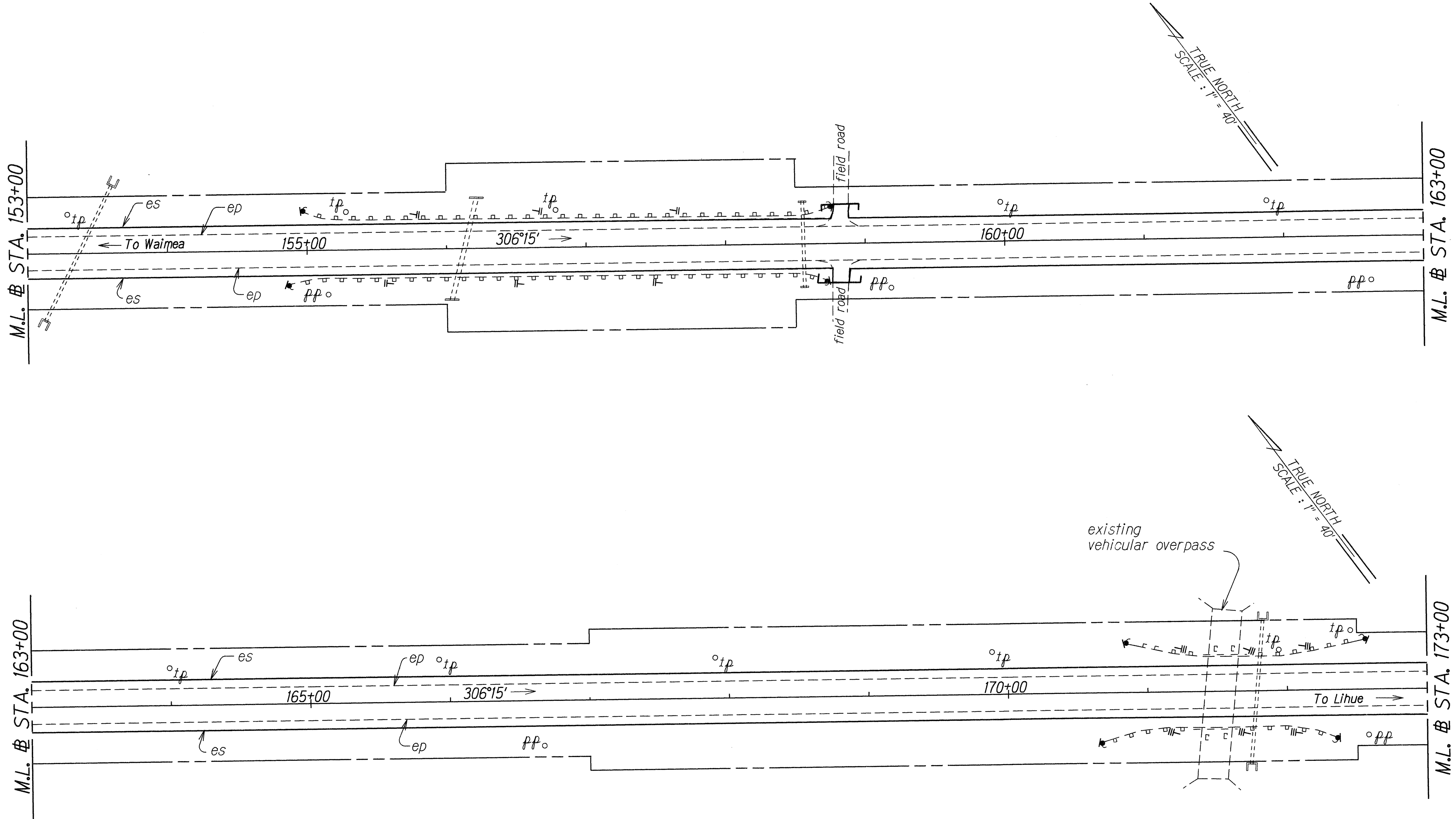
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	11	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	7/1/95
kelele	TRACED BY	
STP-050-1(18)	CHECKED BY	
	QUANTITIES BY	

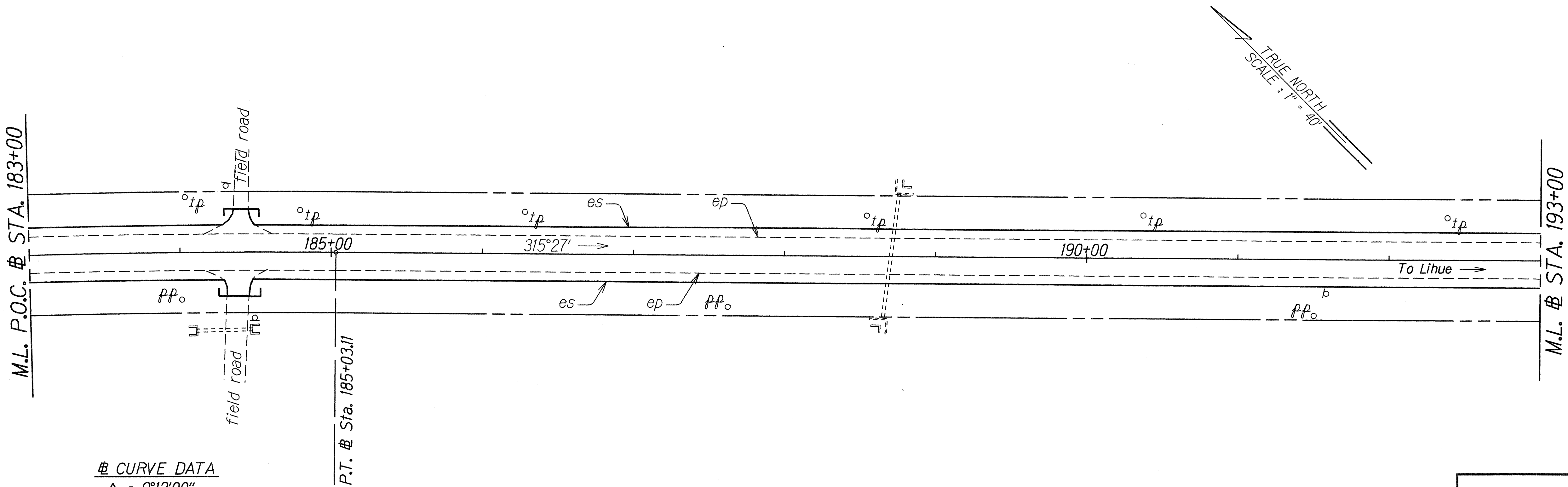
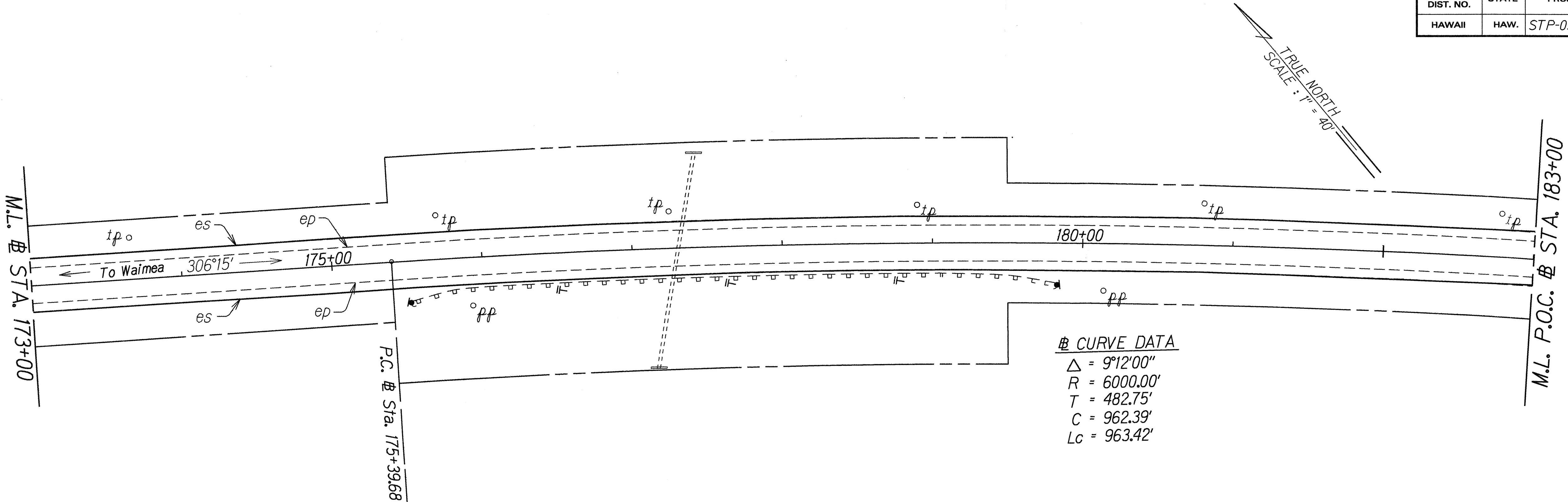
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40'
SHEET No. 5 OF 12 SHEETS

Date: Aug., 1995

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	12	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	SAID KAWA	
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING

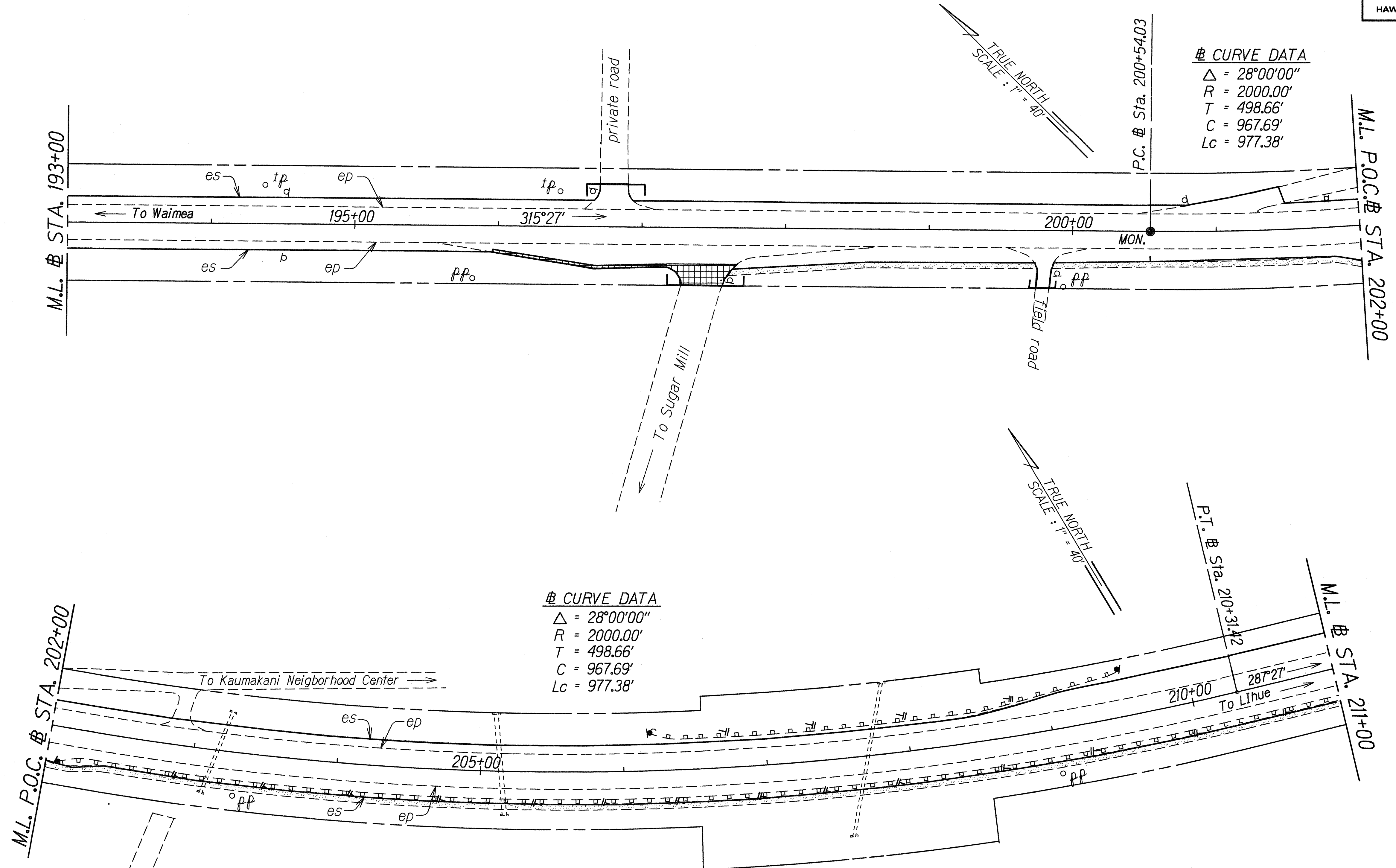
Mahaikona Bridge to Lele Road

Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	13	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
KEA/Steve	TRACED BY	
AKU/KOOL/ogp	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

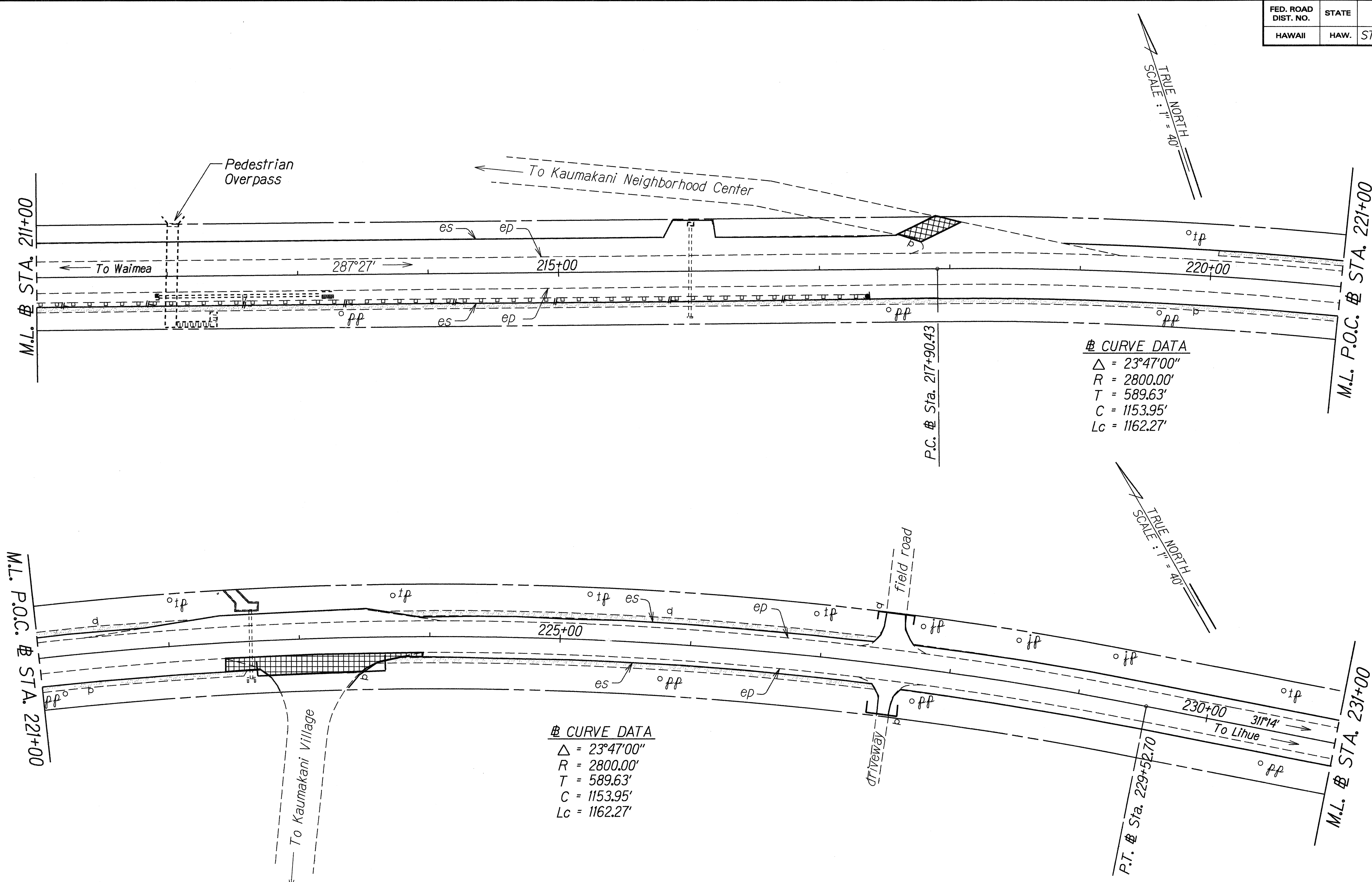
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 7 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	14	33



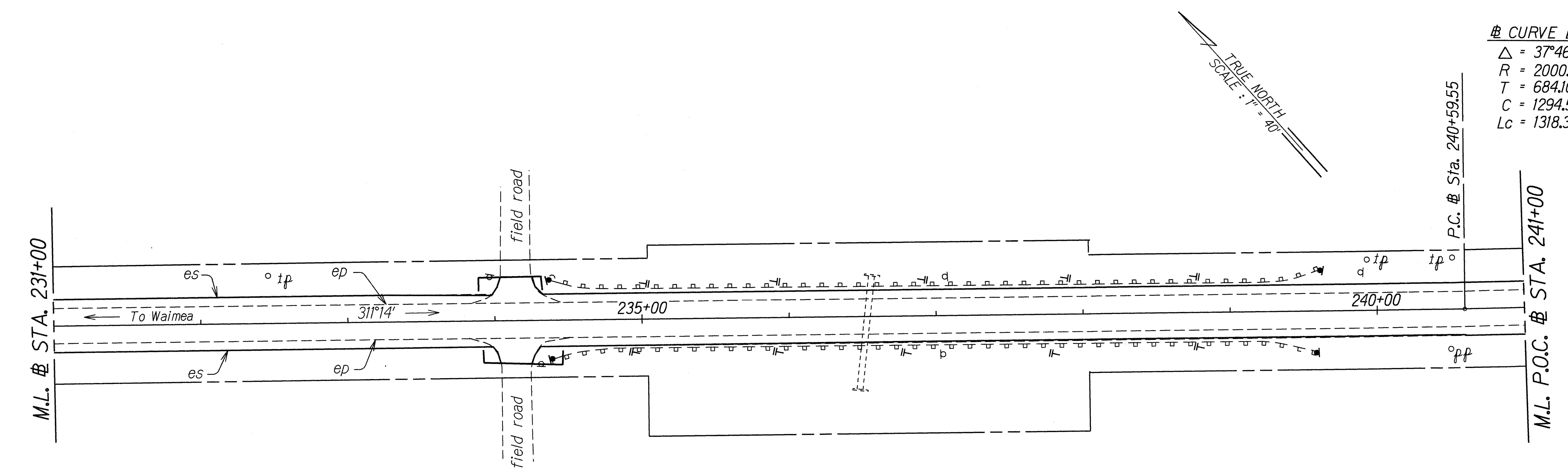
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
RELATIVE	TRACED BY	
QUANTITIES BY	CHECKED BY	
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

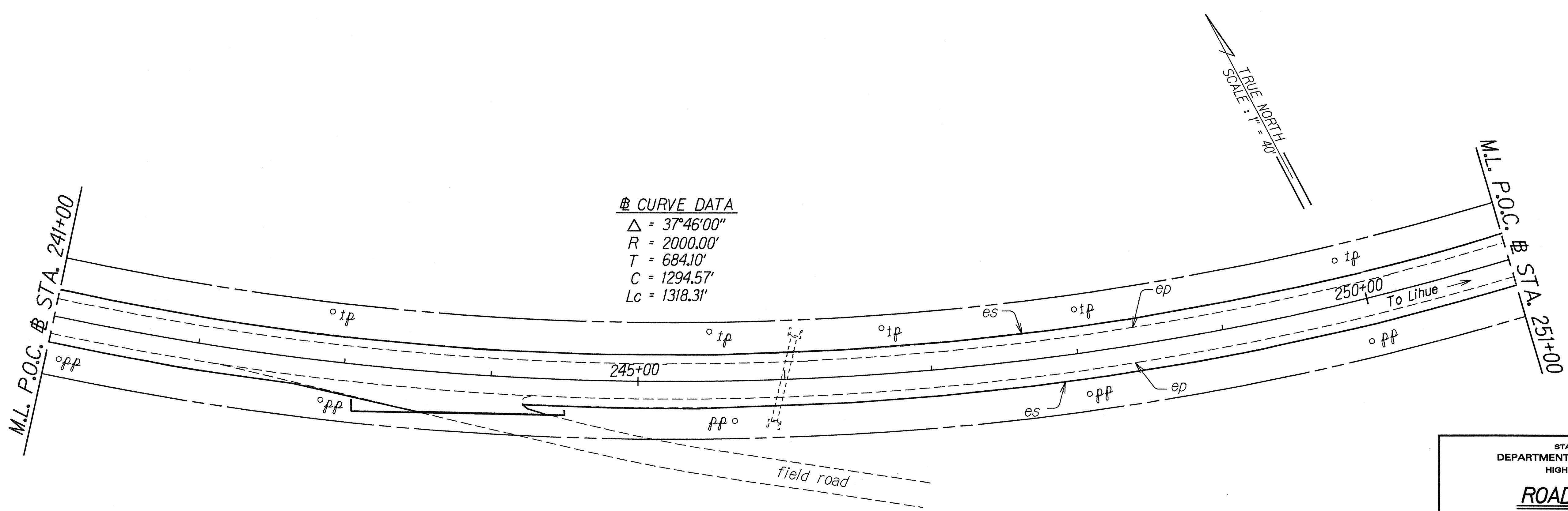
ROADWAY PLAN
KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995
SHEET No. 8 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	15	33



CURVE DATA
 $\Delta = 37^\circ 46' 00''$
 $R = 2000.00'$
 $T = 684.10'$
 $C = 1294.57'$
 $L_c = 1318.31'$



CURVE DATA
 $\Delta = 37^\circ 46' 00''$
 $R = 2000.00'$
 $T = 684.10'$
 $C = 1294.57'$
 $L_c = 1318.31'$

SURVEY PLOTTED BY	DATE
DRAWN BY S. MOHAKAWA	
TRACED BY S. MOHAKAWA	
NOTED BY S. MOHAKAWA	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

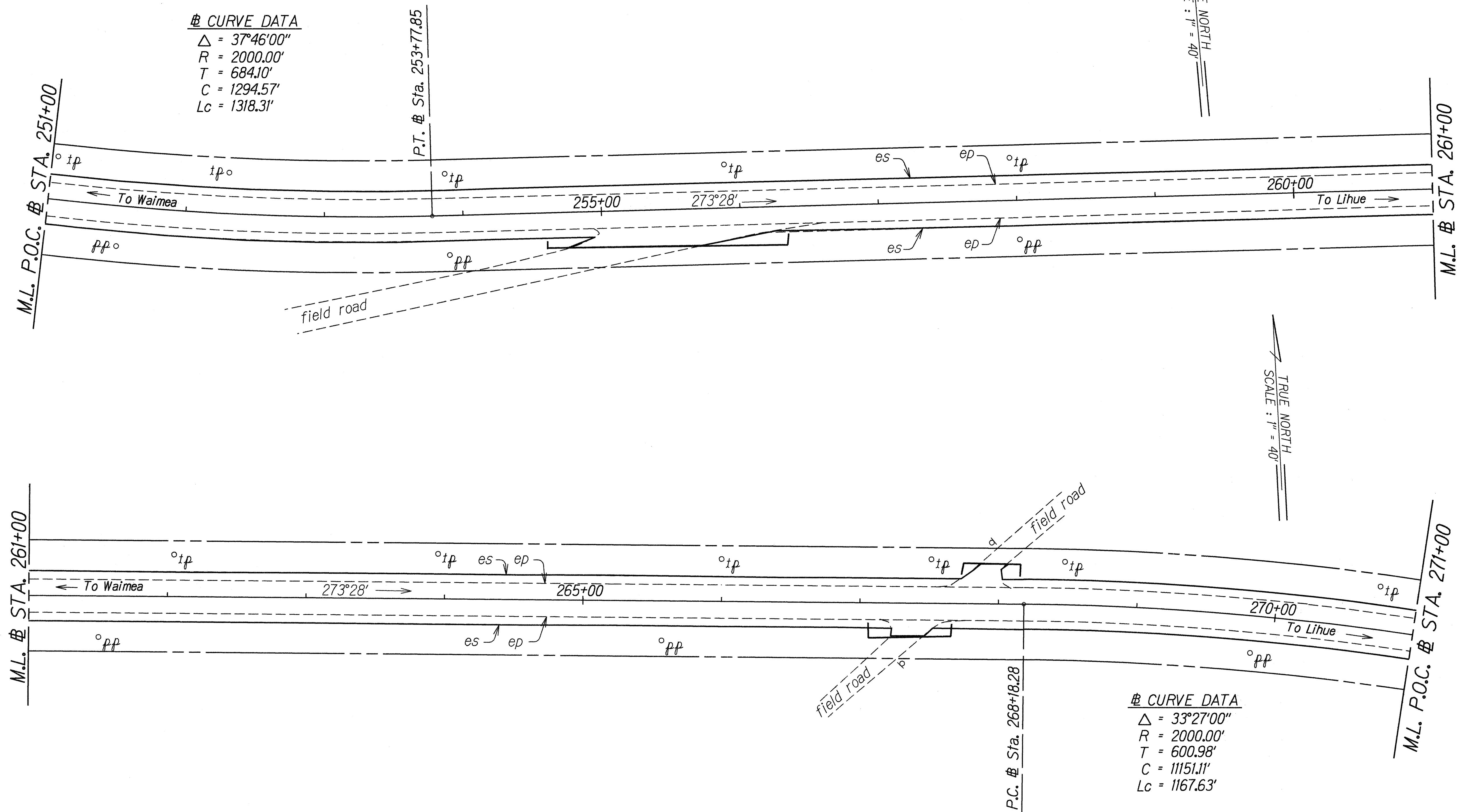
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug, 1995

SHEET No. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	16	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTES BOOK	DRAWN BY	
	CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

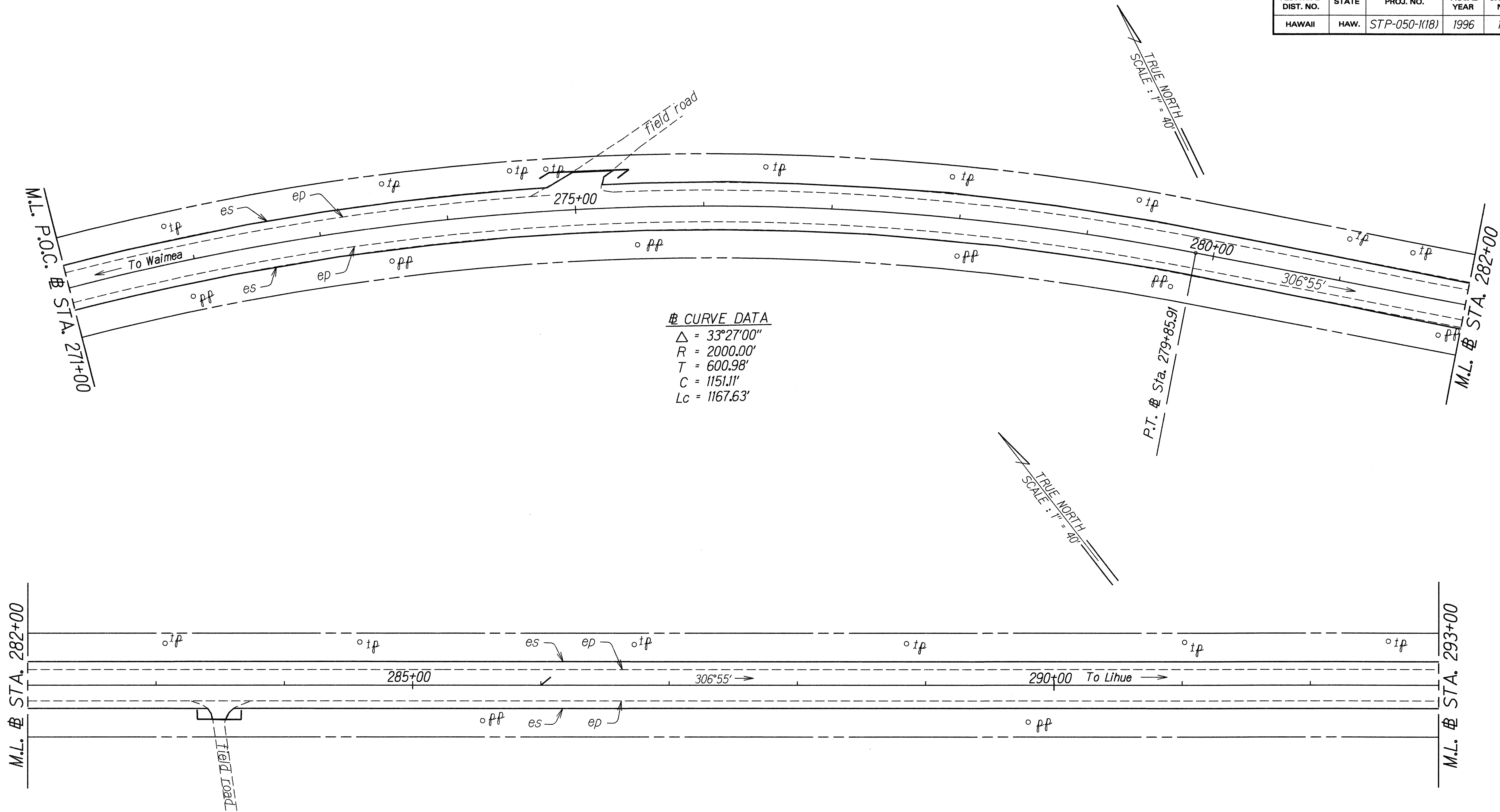
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
 Mahaikona Bridge to Lele Road
 Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	17	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

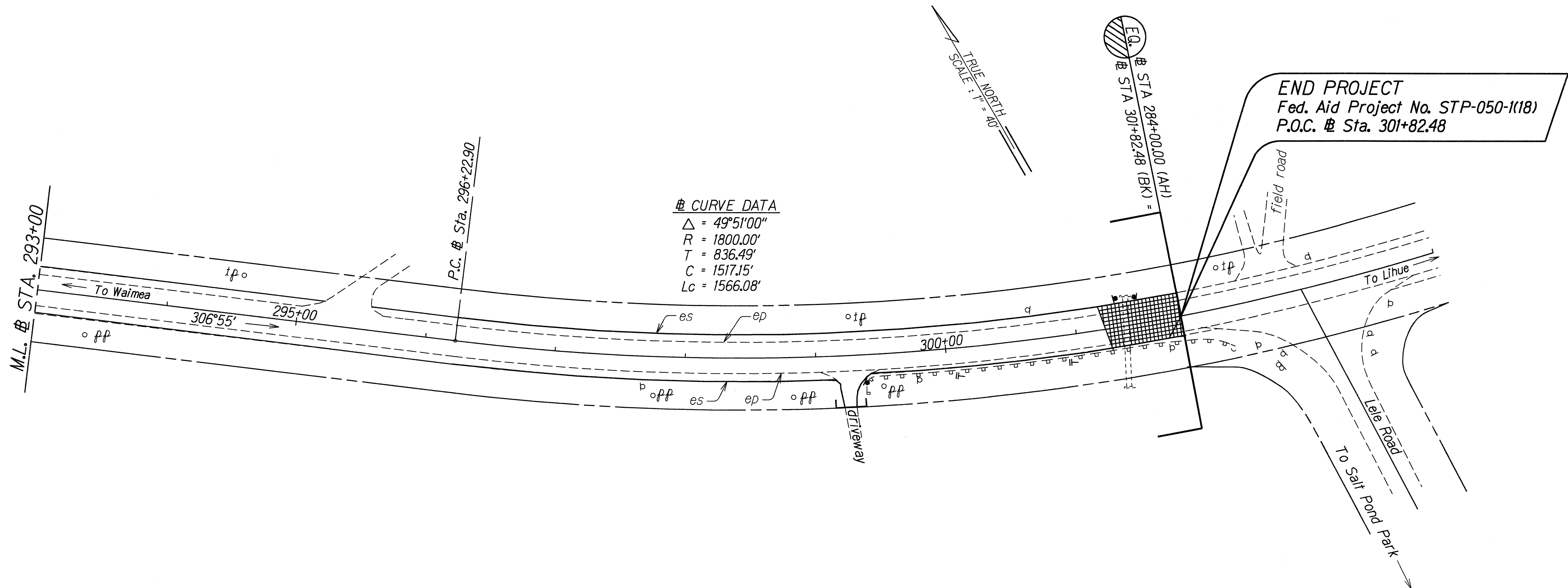
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
Mahaikona Bridge to Lele Road
Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(18)	1996	18	33



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTES	DRAWN BY	
	TRACED BY	
	CHECKED BY	
	QUANTIFIED BY	
	CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
 Mahaikona Bridge to Lele Road
 Federal Aid Project No. STP-050-1(18)

Scale: 1"=40' Date: Aug., 1995

SHEET No. 12 OF 12 SHEETS