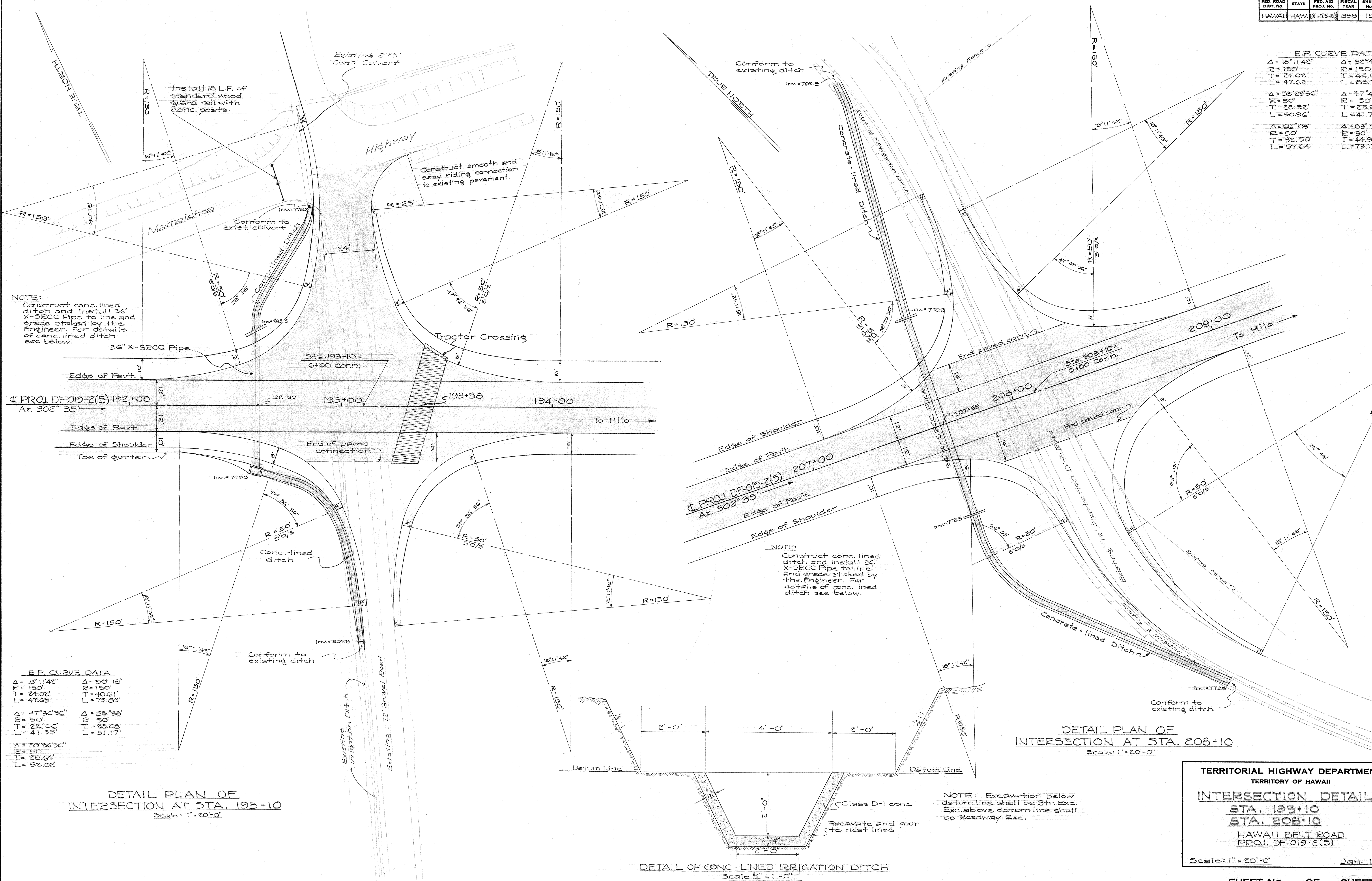
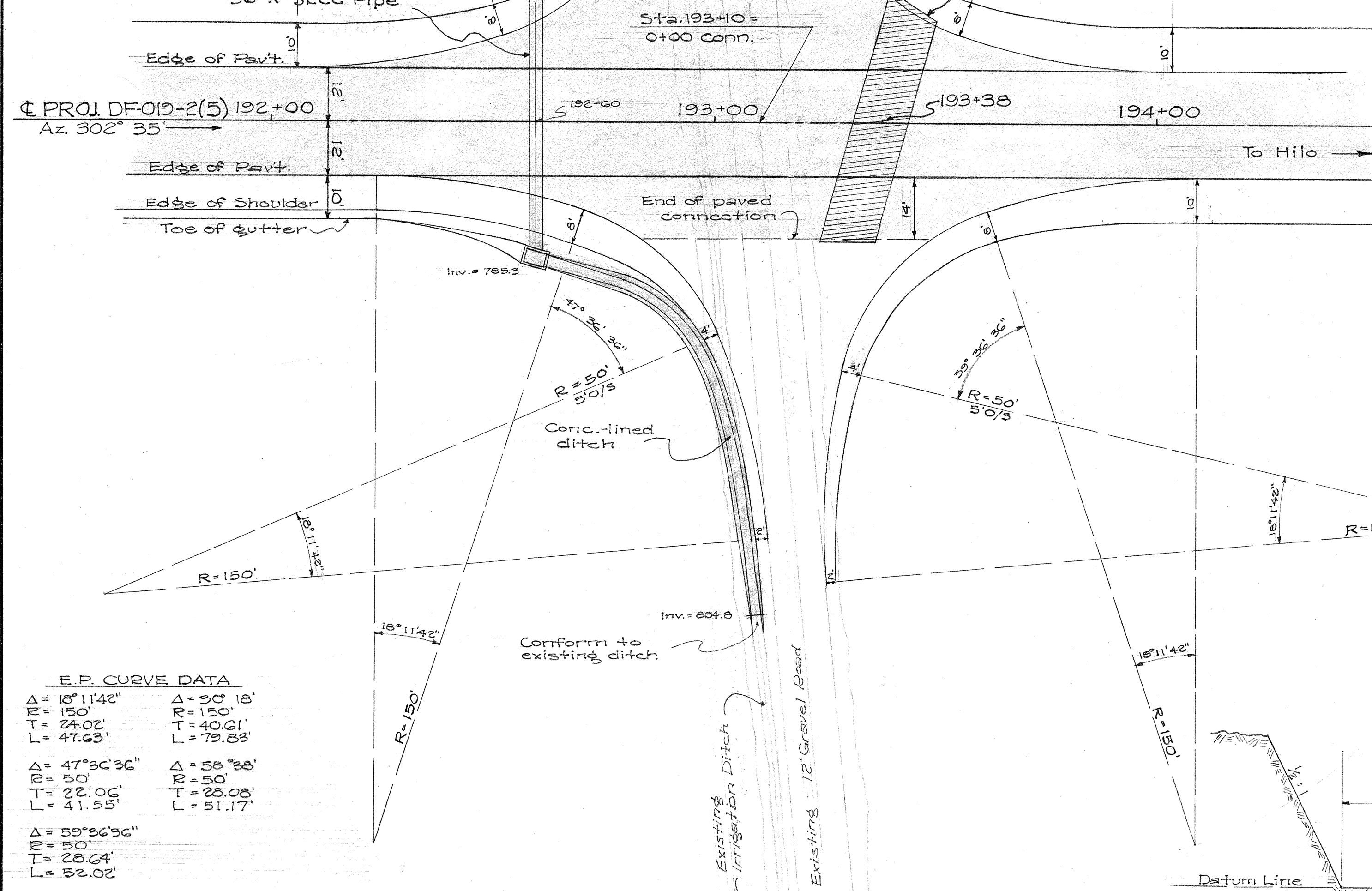


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DF-019-2(5)	1958	12	85

E.P. CURVE DATA			
$\Delta = 18^{\circ}11'42''$	$\Delta = 32^{\circ}44'$		
$R = 150'$	$R = 150'$		
$T = 24.02'$	$T = 44.05'$		
$L = 47.63'$	$L = 85.70'$		
$\Delta = 58^{\circ}23'36''$	$\Delta = 47^{\circ}49'36''$		
$R = 50'$	$R = 50'$		
$T = 23.52'$	$T = 23.22'$		
$L = 50.96'$	$L = 41.74'$		
$\Delta = 60^{\circ}03'$	$\Delta = 83^{\circ}51'$		
$R = 50'$	$R = 50'$		
$T = 32.50'$	$T = 44.90'$		
$L = 57.64'$	$L = 79.17'$		

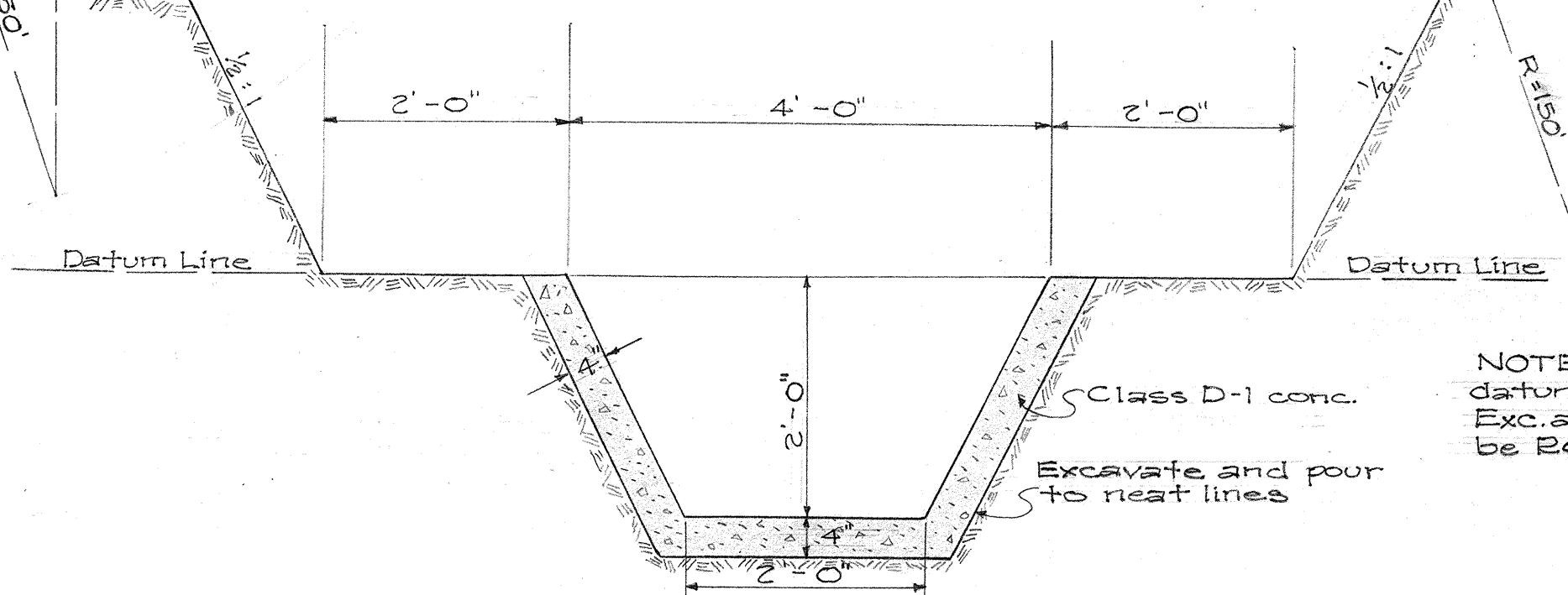


NOTE:
Construct conc. lined ditch and install 36" X-SECC Pipe to line and grade staked by the Engineer. For details of conc. lined ditch see below.



DETAIL PLAN OF INTERSECTION AT STA. 193+10
Scale: 1" = 20'-0"

E.P. CURVE DATA			
$\Delta = 18^{\circ}11'42''$	$\Delta = 30^{\circ}18'$		
$R = 150'$	$R = 150'$		
$T = 24.02'$	$T = 40.61'$		
$L = 47.63'$	$L = 79.83'$		
$\Delta = 47^{\circ}30'36''$	$\Delta = 58^{\circ}28'$		
$R = 50'$	$R = 50'$		
$T = 22.06'$	$T = 23.08'$		
$L = 41.55'$	$L = 51.17'$		
$\Delta = 59^{\circ}36'36''$			
$R = 50'$			
$T = 28.64'$			
$L = 52.02'$			



DETAIL OF CONC.-LINED IRRIGATION DITCH
Scale: 1/4" = 1'-0"

NOTE:
Construct conc. lined ditch and install 36" X-SECC Pipe to line and grade staked by the Engineer. For details of conc. lined ditch see below.

NOTE: Excavation below datum line shall be Str. Exc. Exc. above datum line shall be Roadway Exc.

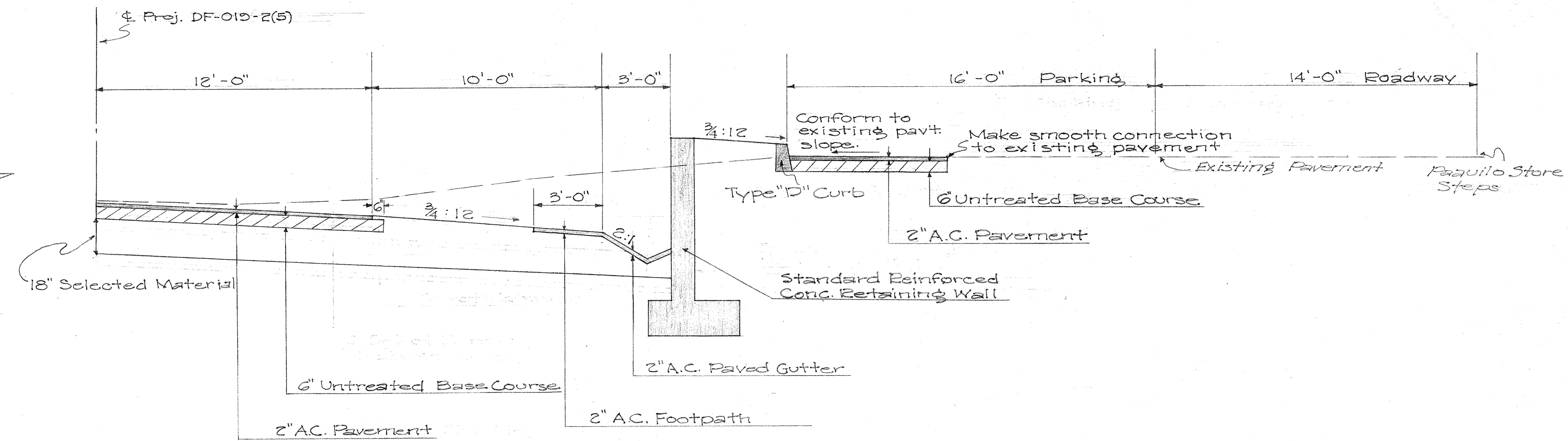
DETAIL PLAN OF INTERSECTION AT STA. 208+10
Scale: 1" = 20'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAILS
STA. 193+10
STA. 208+10
HAWAII BELT ROAD
PROJ. DF-019-2(5)
Scale: 1" = 20'-0"
Jan. 1958

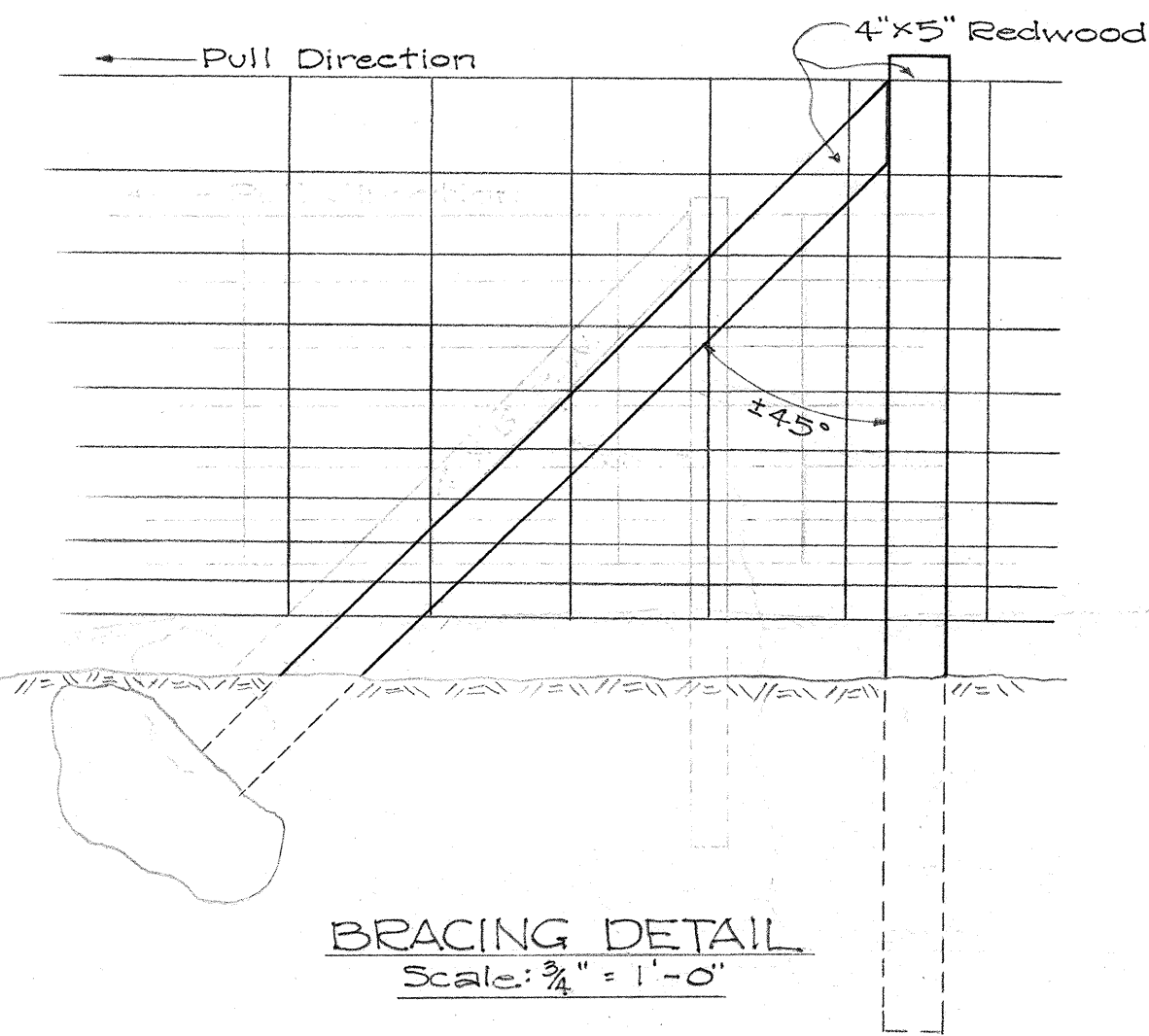
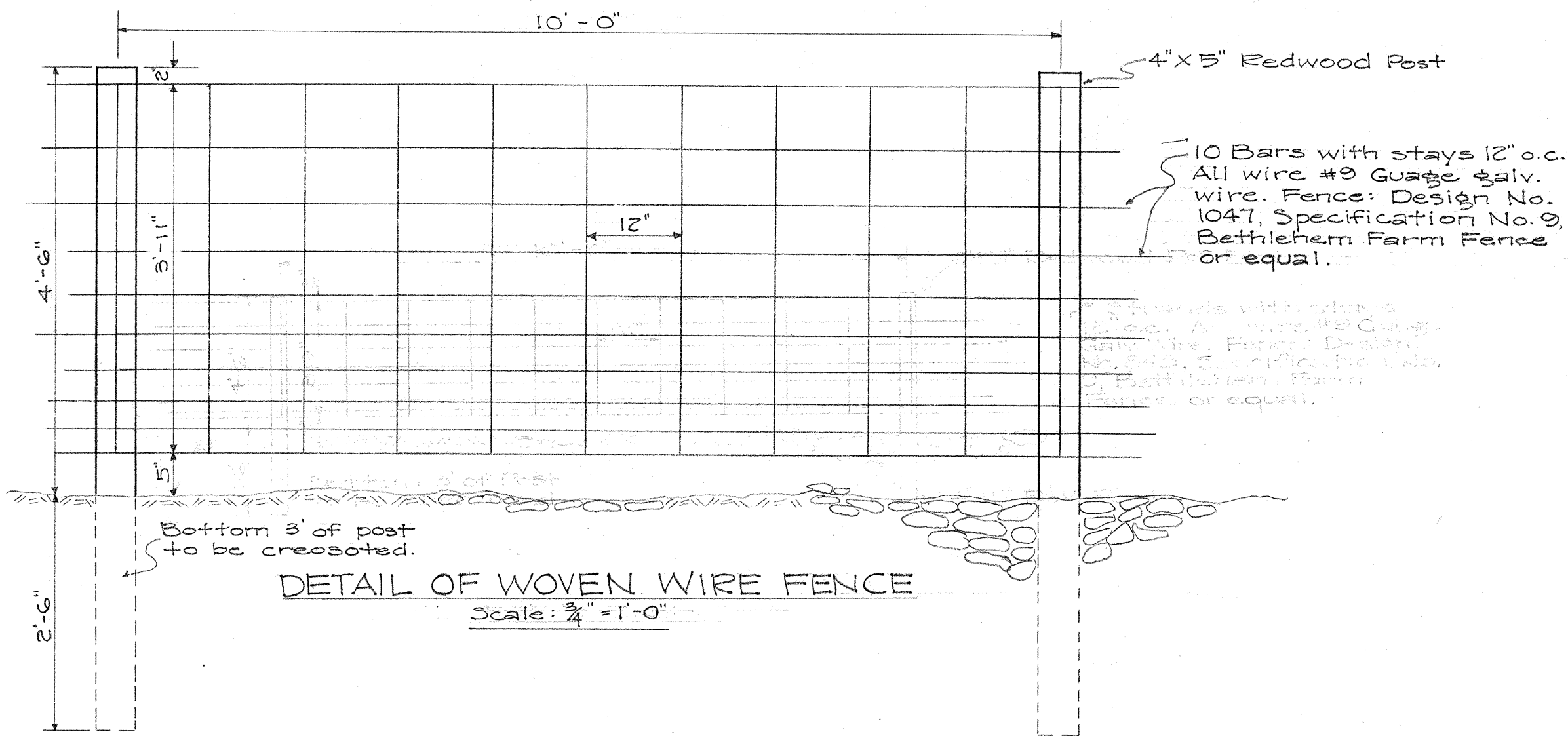
SHEET NO. 12 OF 85 SHEETS
5954.12

SURVEY PLOTTED BY	DATE
DESIGNED BY	
DRAWN BY	
QUANTITIES CHECKED BY	
CHECKED BY	
ORIGINAL PLAN	NOTE BOOK NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DF-019-2(5)	1958	13	85



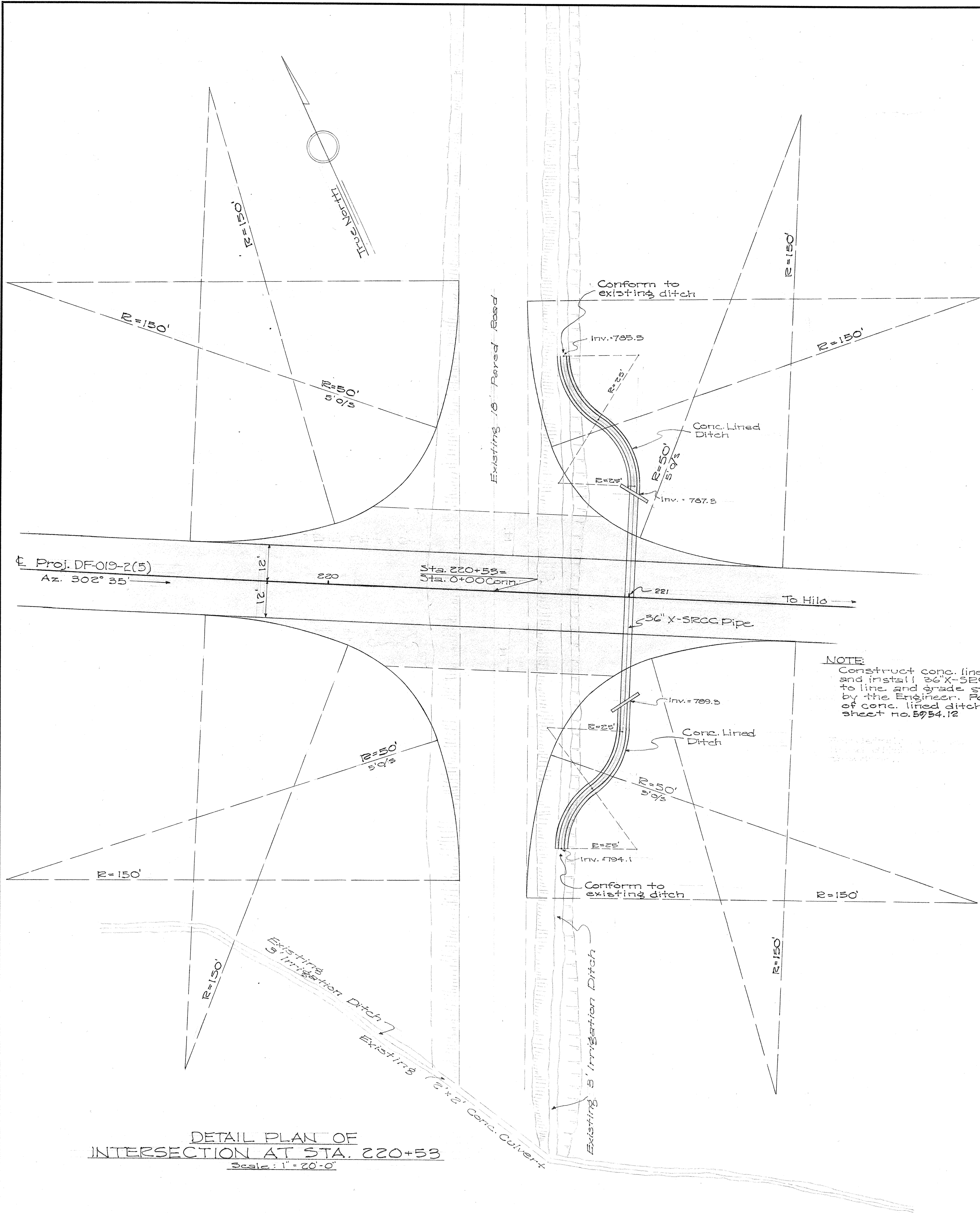
TYPICAL HALF-SECTION
STA. 356+00 - 357+20
Scale: 1/4" = 1'-0"



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAILS OF
INTERSECTION AT STA. 220+53
TYPICAL HALF SECTION STATION
356+00 TO 357+25
WOVEN WIRE FENCE
Hanalei Belt Rd. Proj. DF-019-2(5)
Scale: as noted Feb. 1958

SHEET NO. OF SHEETS

5954.13

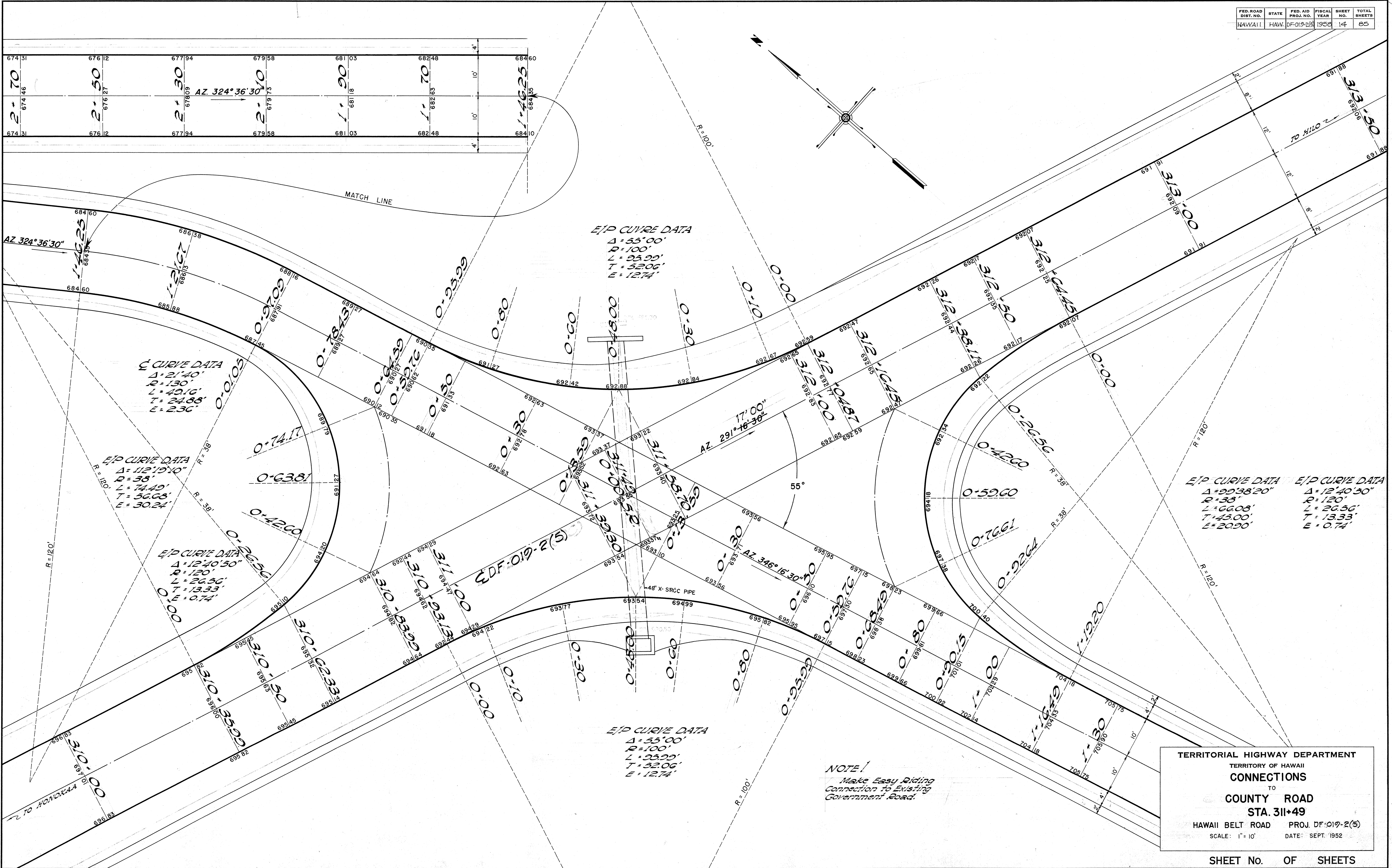


DETAIL PLAN OF
INTERSECTION AT STA. 220+53
Scale: 1" = 20'-0"

ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	DRAWN BY	
No.	QUANTITIES CHECKED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DF-019-2(5)	1952	14	65

SURVEY PLOTTED BY	DATE
PLAN	" "
TRACED BY	" "
QUANTITIES CHECKED BY	" "
NOTE BOOK No.	

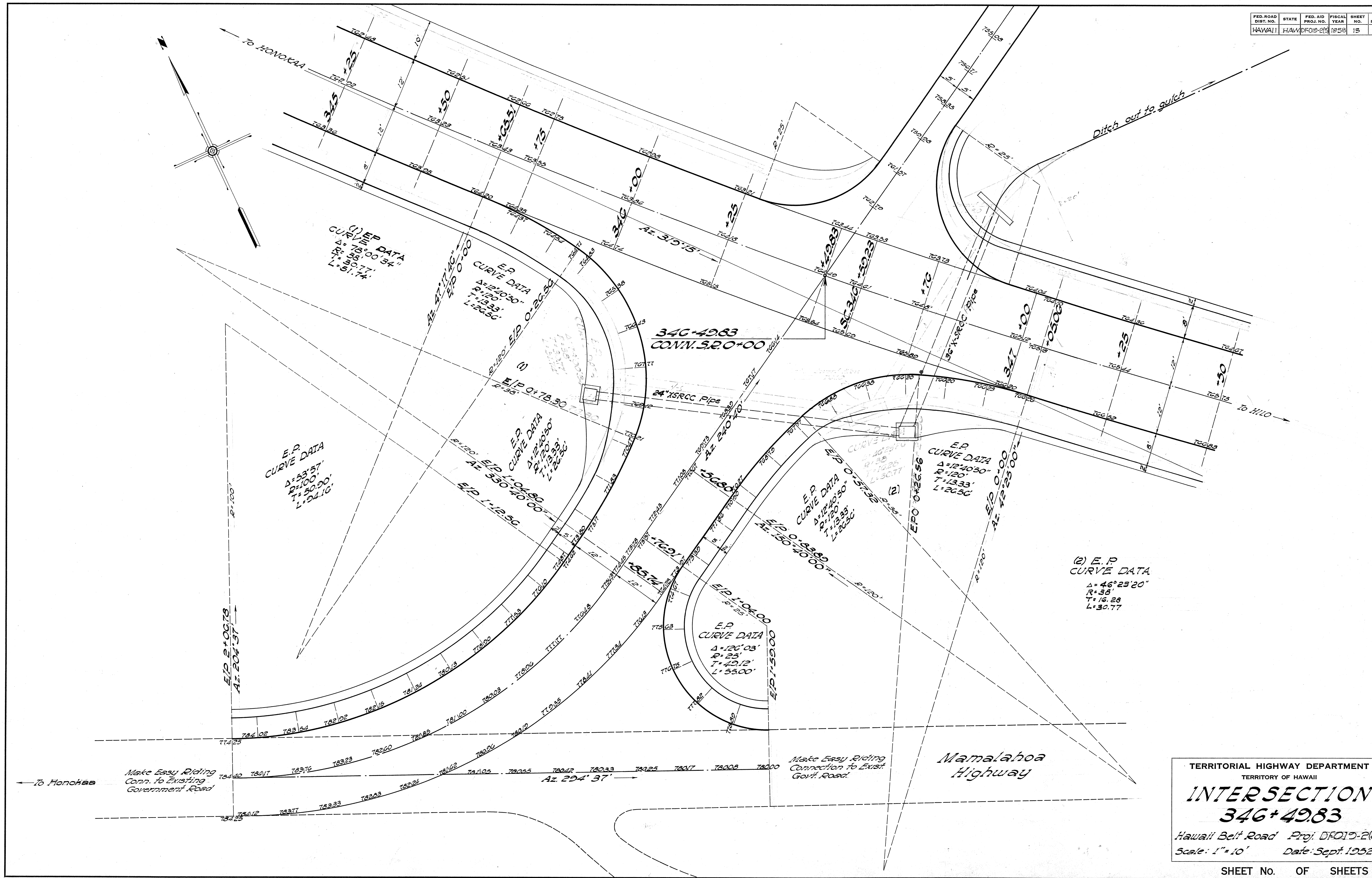


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
CONNECTIONS
TO
COUNTY ROAD
STA. 311+49
HAWAII BELT ROAD PROJ. DF-019-2(5)
SCALE: 1"=10' DATE: SEPT. 1952

SHEET No. 14 OF 65 SHEETS
5954.14

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	DF012-2(5)	1958	15	85

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	...
DESIGNED BY	...
DRAWN BY	...
QUANTITIES CHECKED BY	...
NOTE BOOK No.	...



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION
346+49.83
Hawaii Belt Road Proj. DF012-2(5)
Scale: 1" = 10' Date: Sept. 1958

SHEET No. OF SHEETS

5954.15