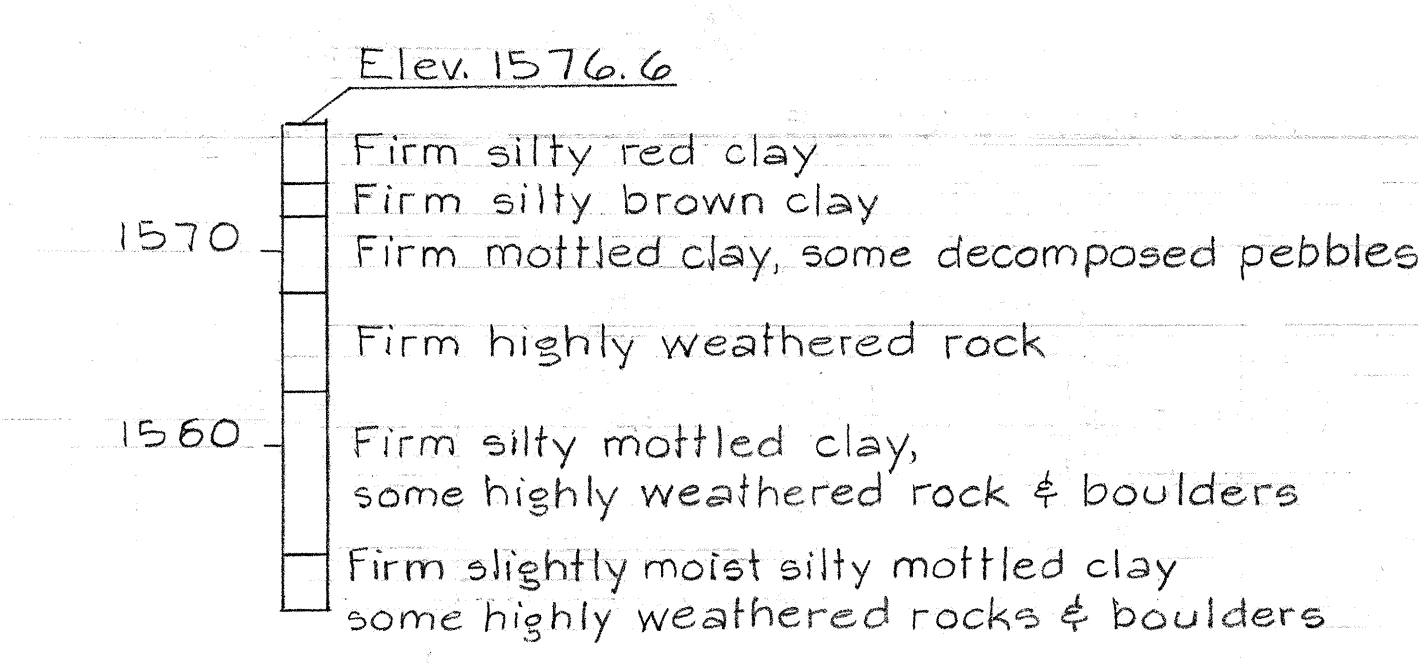
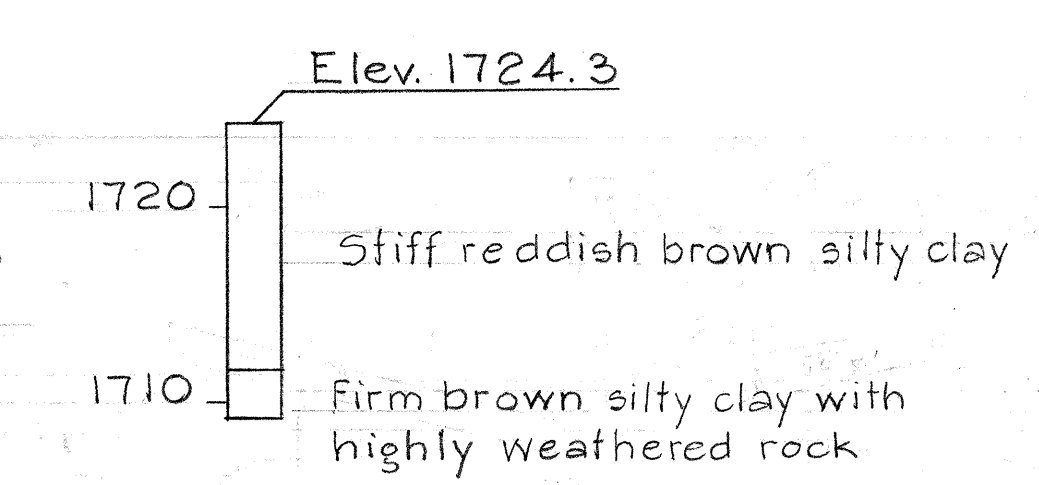


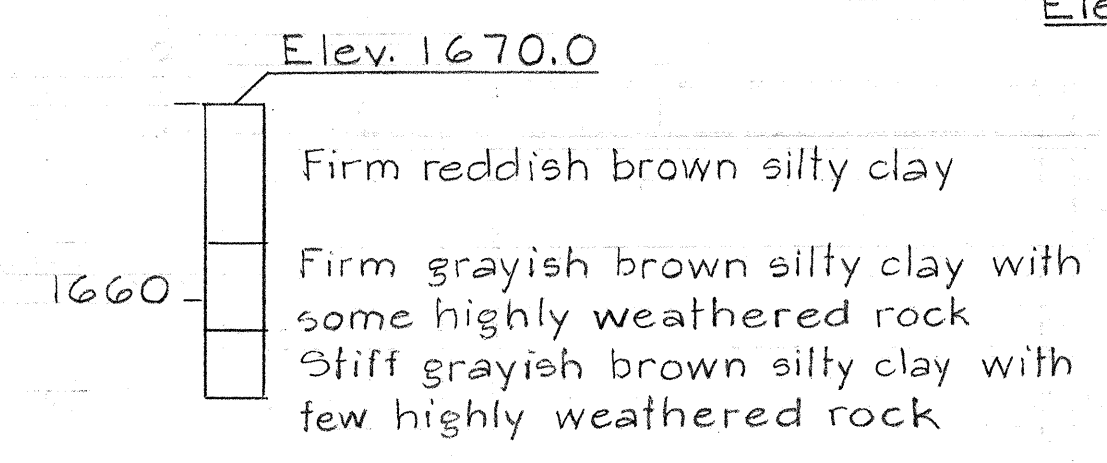
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	8	81



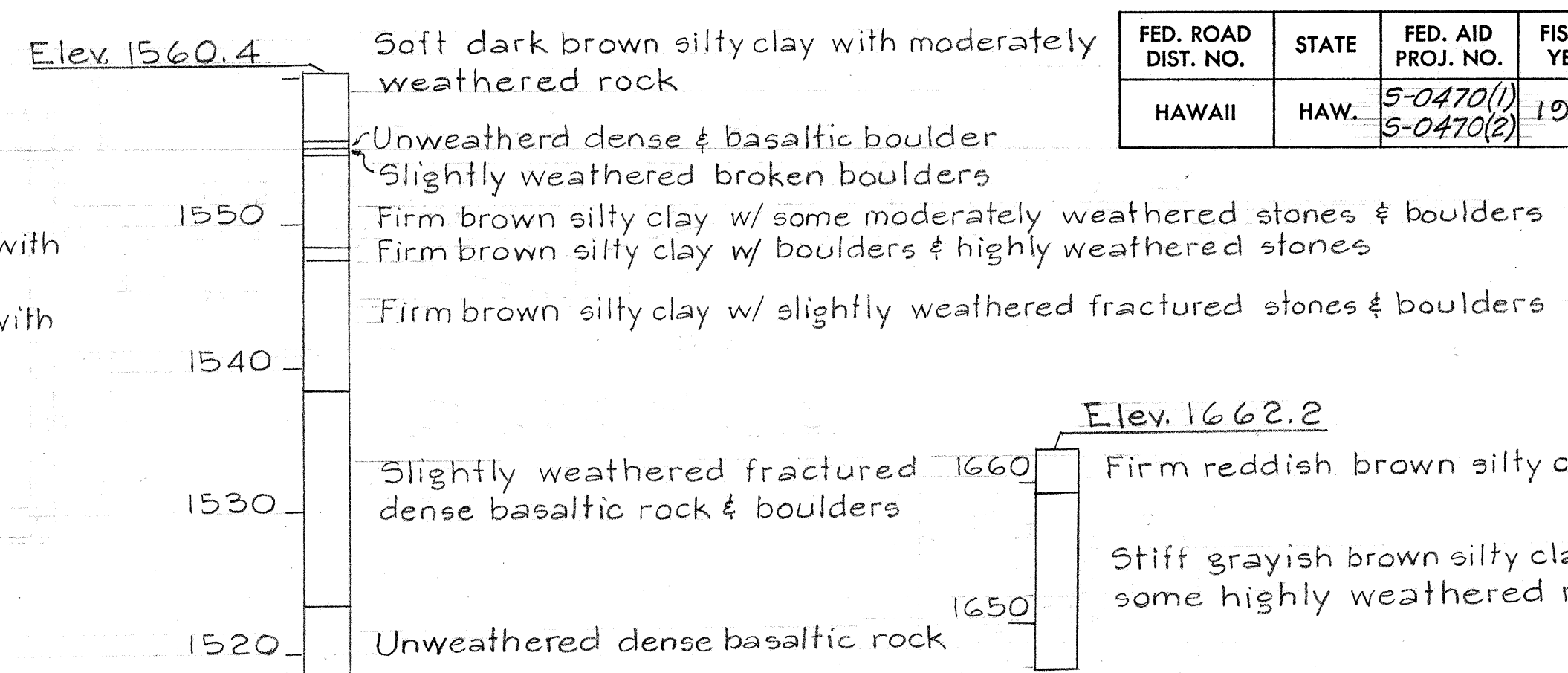
Sta. 7+50 %s 20 Rt.
BORING No. B-1



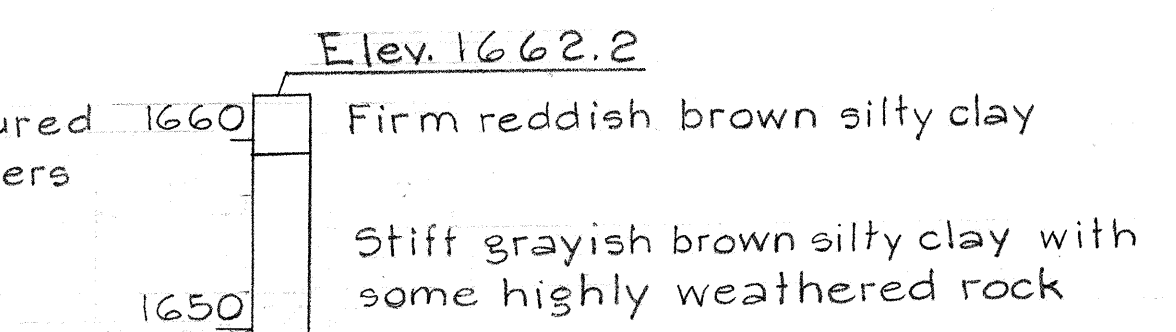
Sta. 38+16 %s 10' Rt.
BORING No. B-2



Sta. 48+50
BORING No. B-3



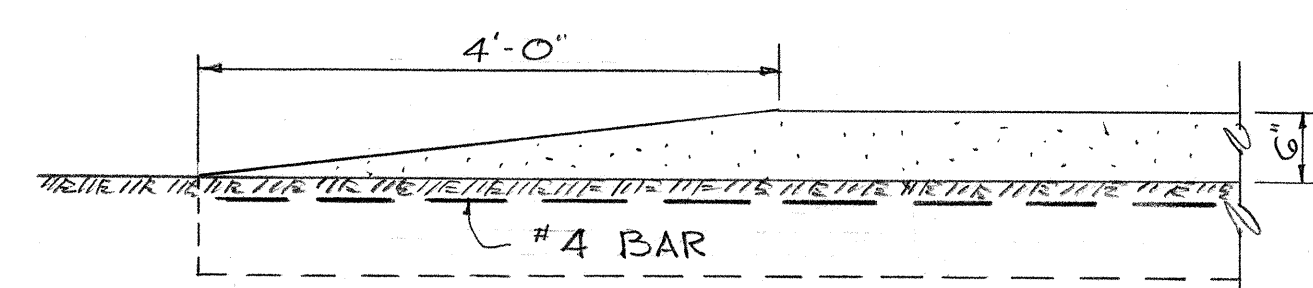
Sta. 52+70 %s 20 Rt.
BORING No. B-4



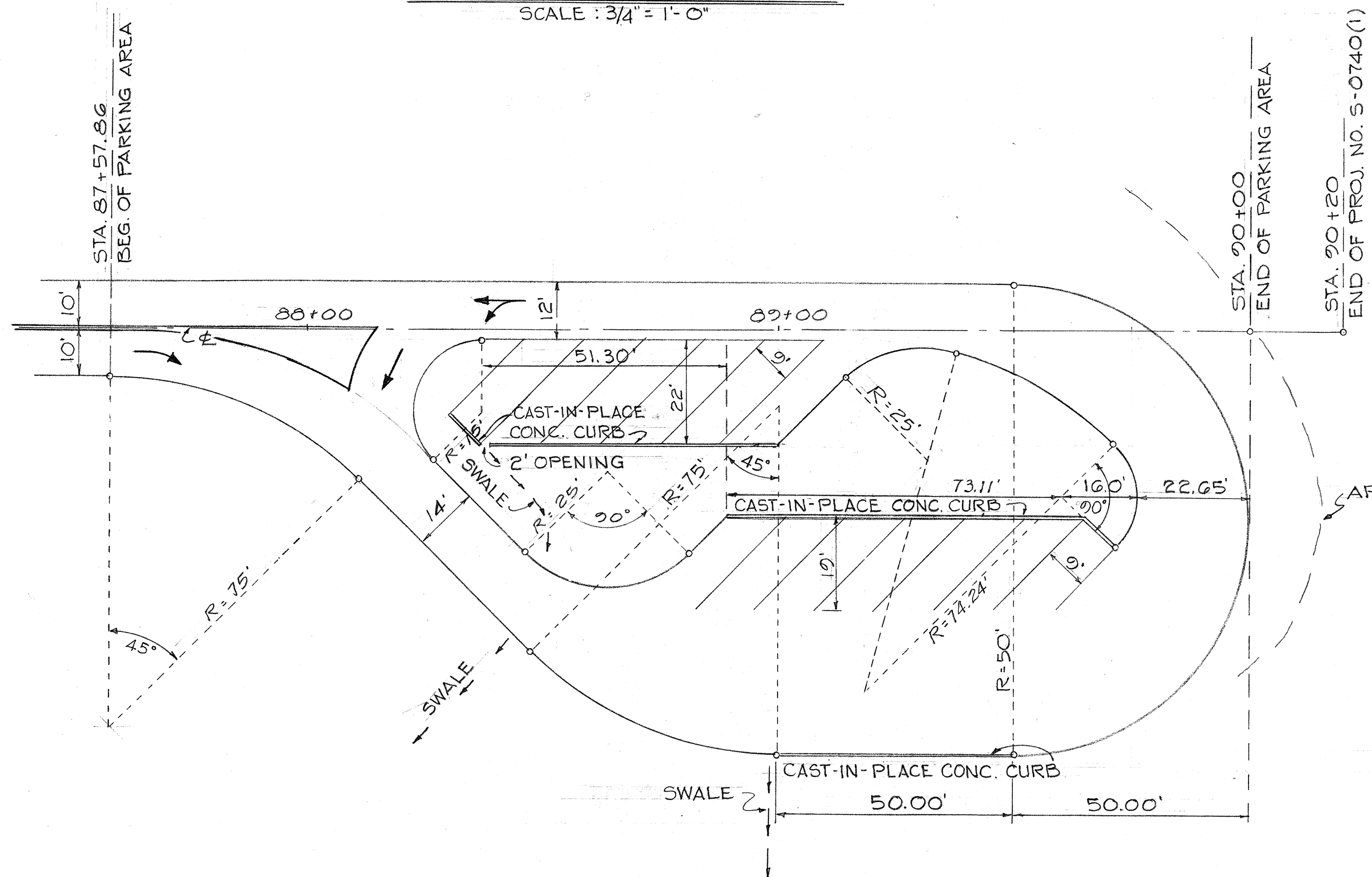
Sta. 56+50 %s 20 Rt.
BORING No. B-5

Note:
The Department assumes no responsibility whatsoever in respect to the accuracy and sufficiency to the Boring Logs.

BORING LOG

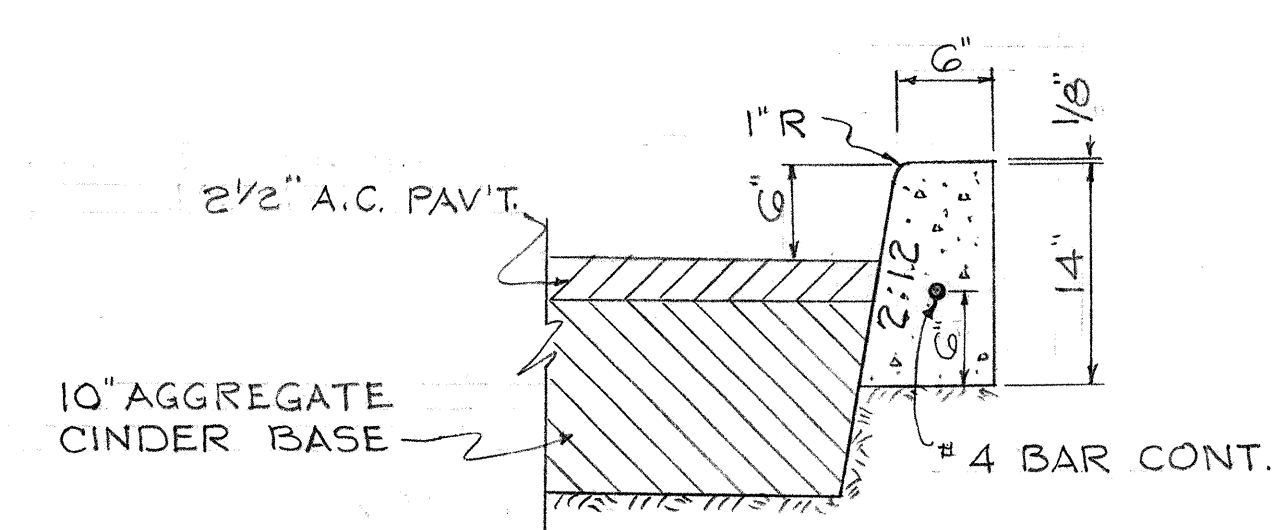


DETAIL AT END OF CURB
SCALE: 3/4" = 1'-0"

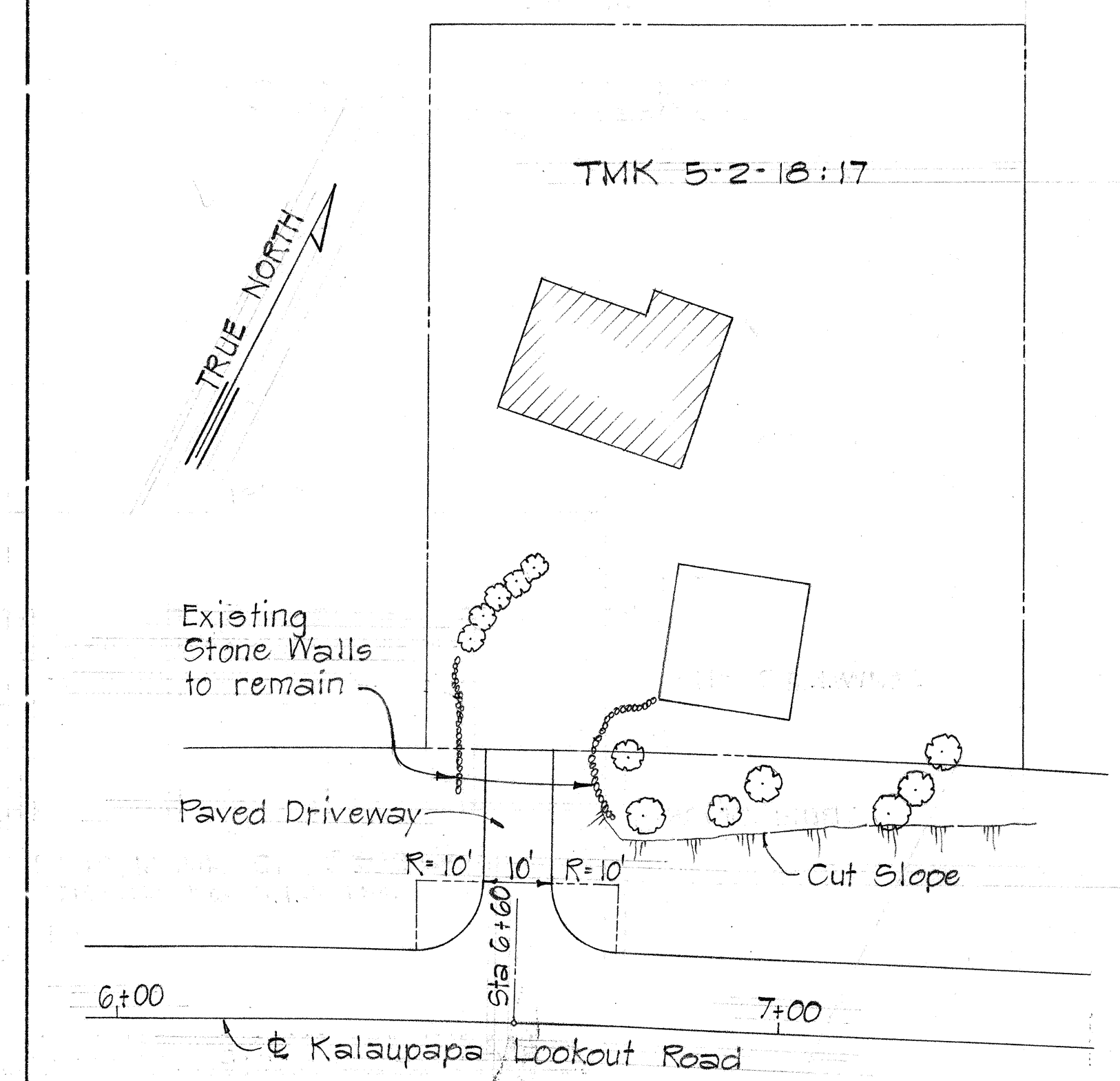


DETAIL OF PARKING AREA
SCALE: 1" = 20'

APPROX. TOP OF CUT SLOPE



DETAIL OF CAST-IN-PLACE CONC. CURB
SCALE: 1" = 1'-0"



PLOT PLAN
Scale: 1" = 20'

ADDENDUM NO. 1

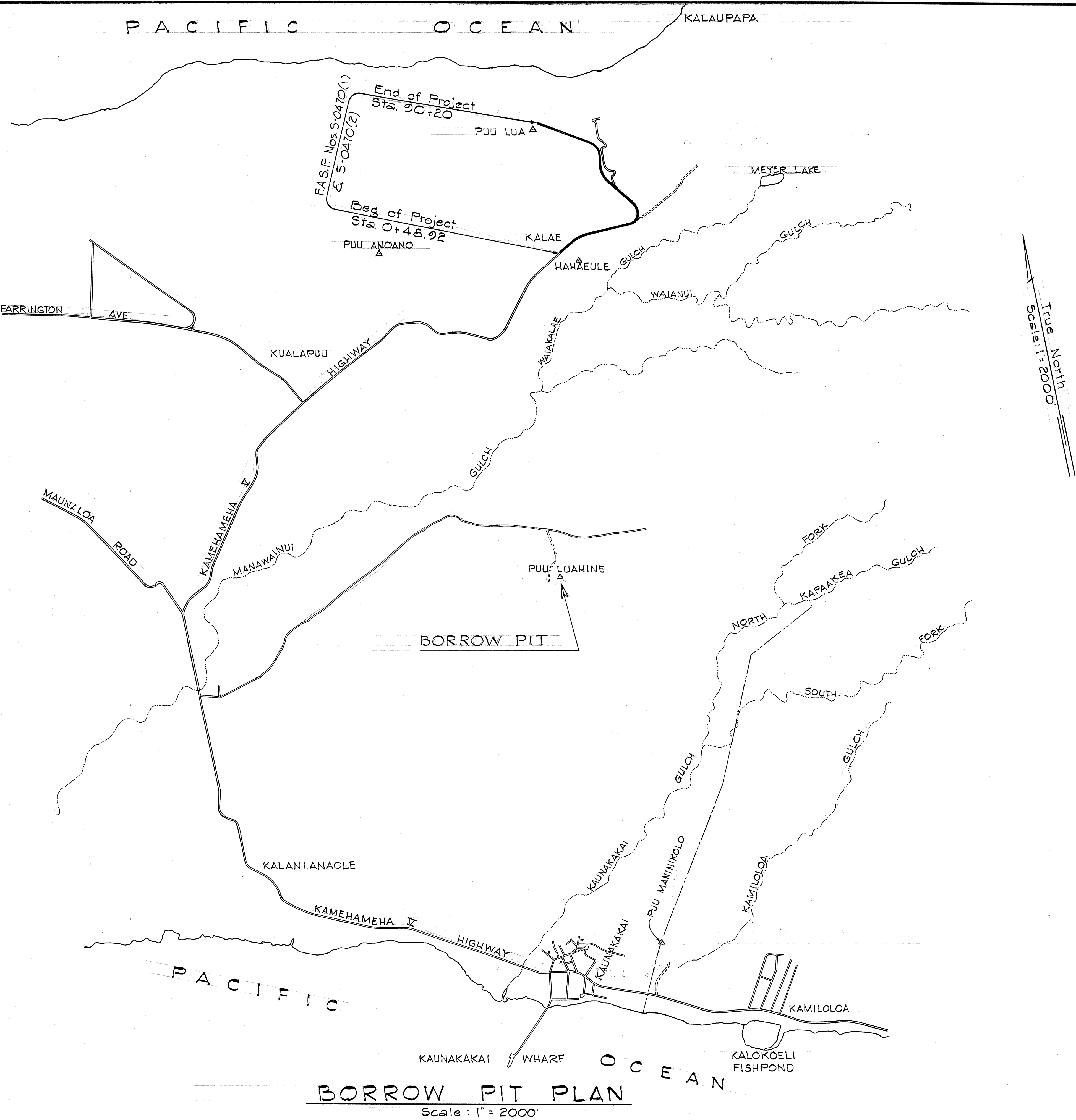
Revised: Oct. 12, 1970

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISC. DETAILS
KALAUPAPA LOOKOUT ROAD
(KALAE TO PALI LOOKOUT)
PROJ. NO. 5-0470(1)
PROJ. NO. 5-0470(2)
Scale: As Noted Date: Sept. 1970
SHEET No. 1 OF 9 SHEETS

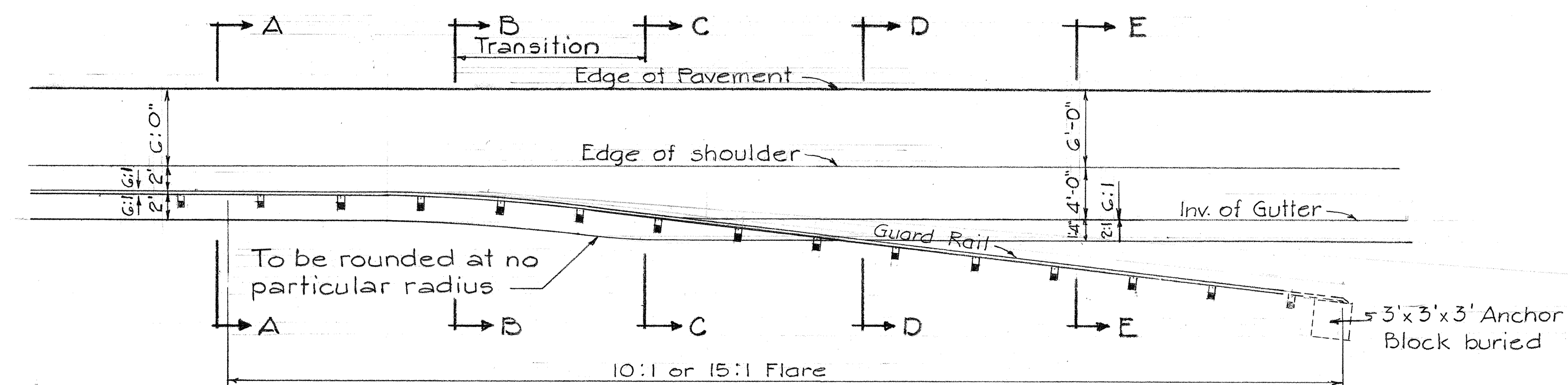
DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	7	80

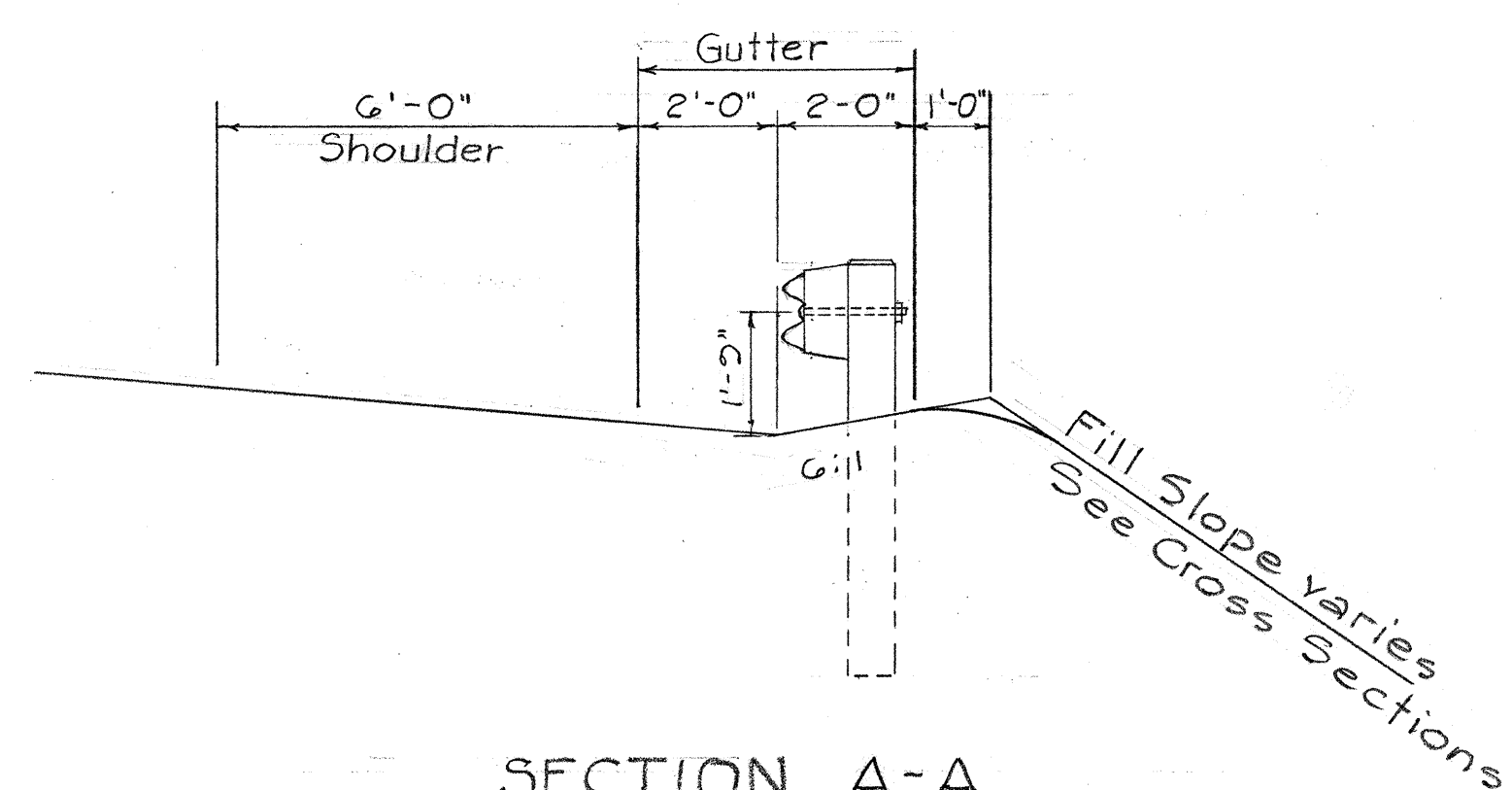


DATE	BY
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

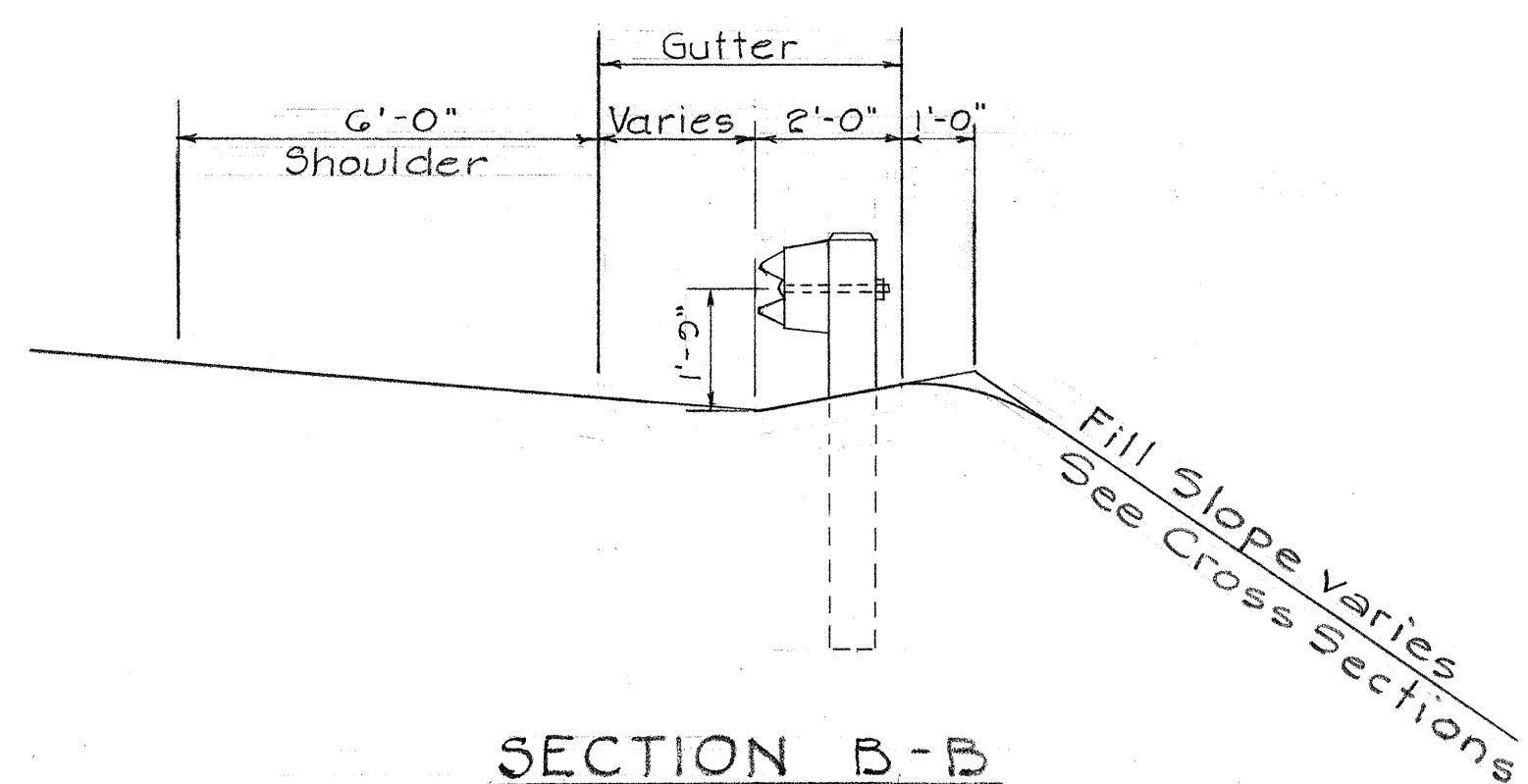
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	10	80



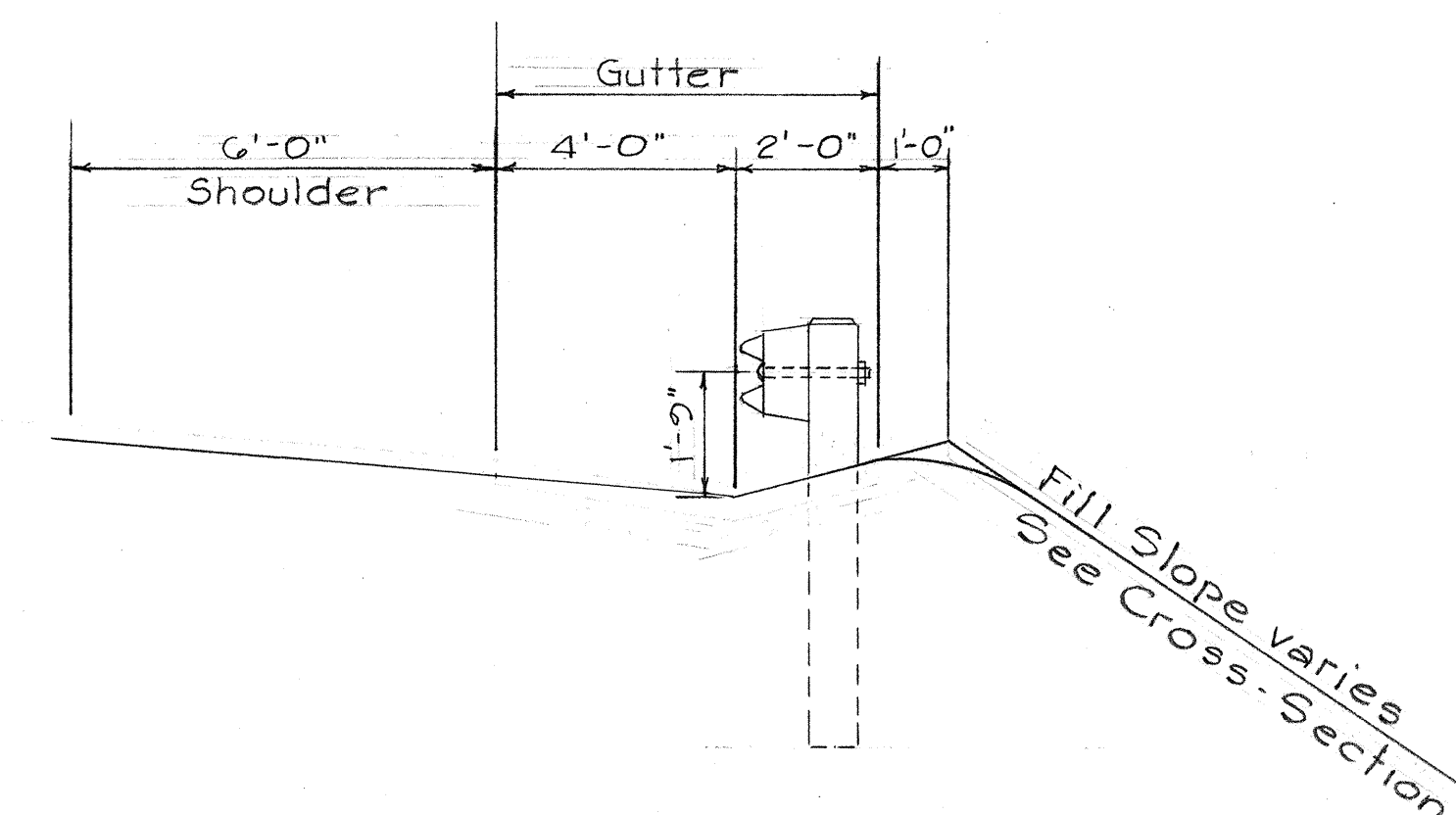
PLAN
DETAIL OF GUTTER & GUARD RAIL
EMBANKMENT TO CUT SECTION
Scale: $\frac{1}{8}'' = 1'-0''$



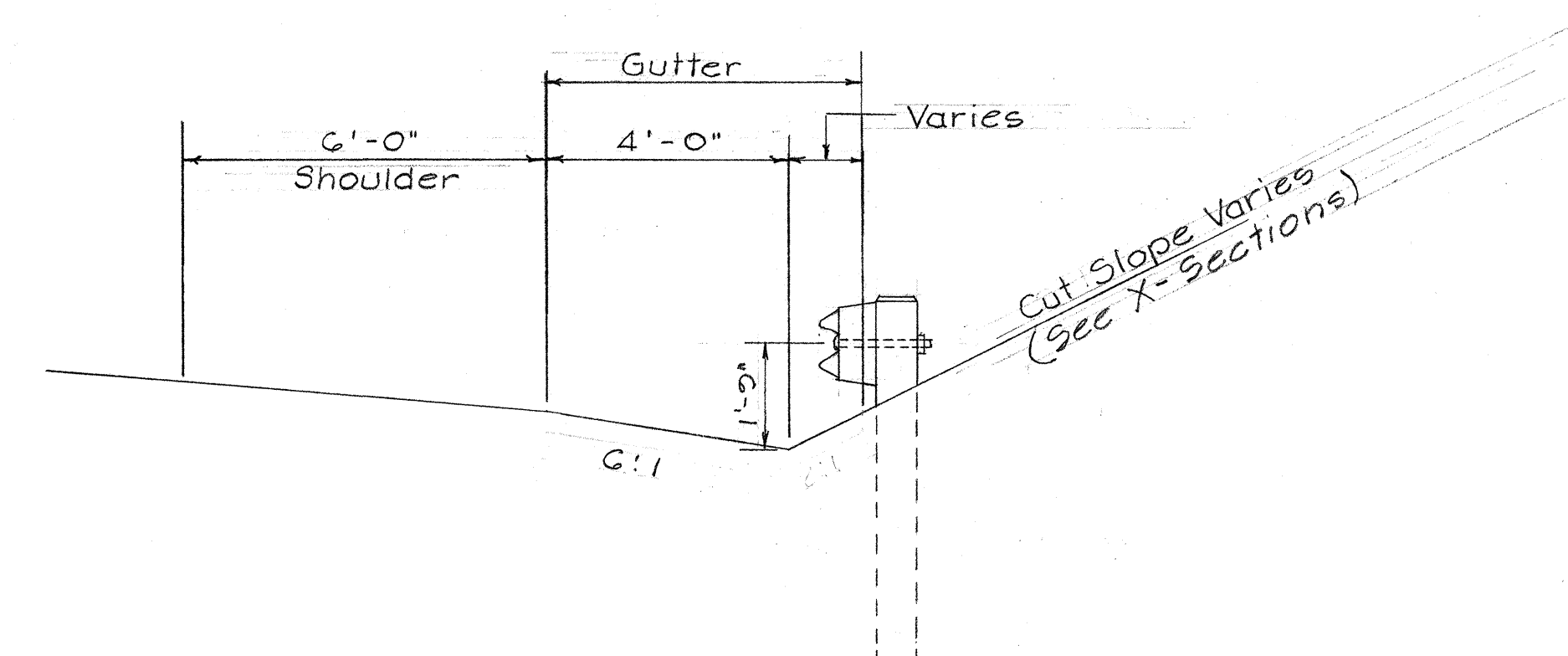
SECTION A-A
Scale: $\frac{3}{8}'' = 1'-0''$



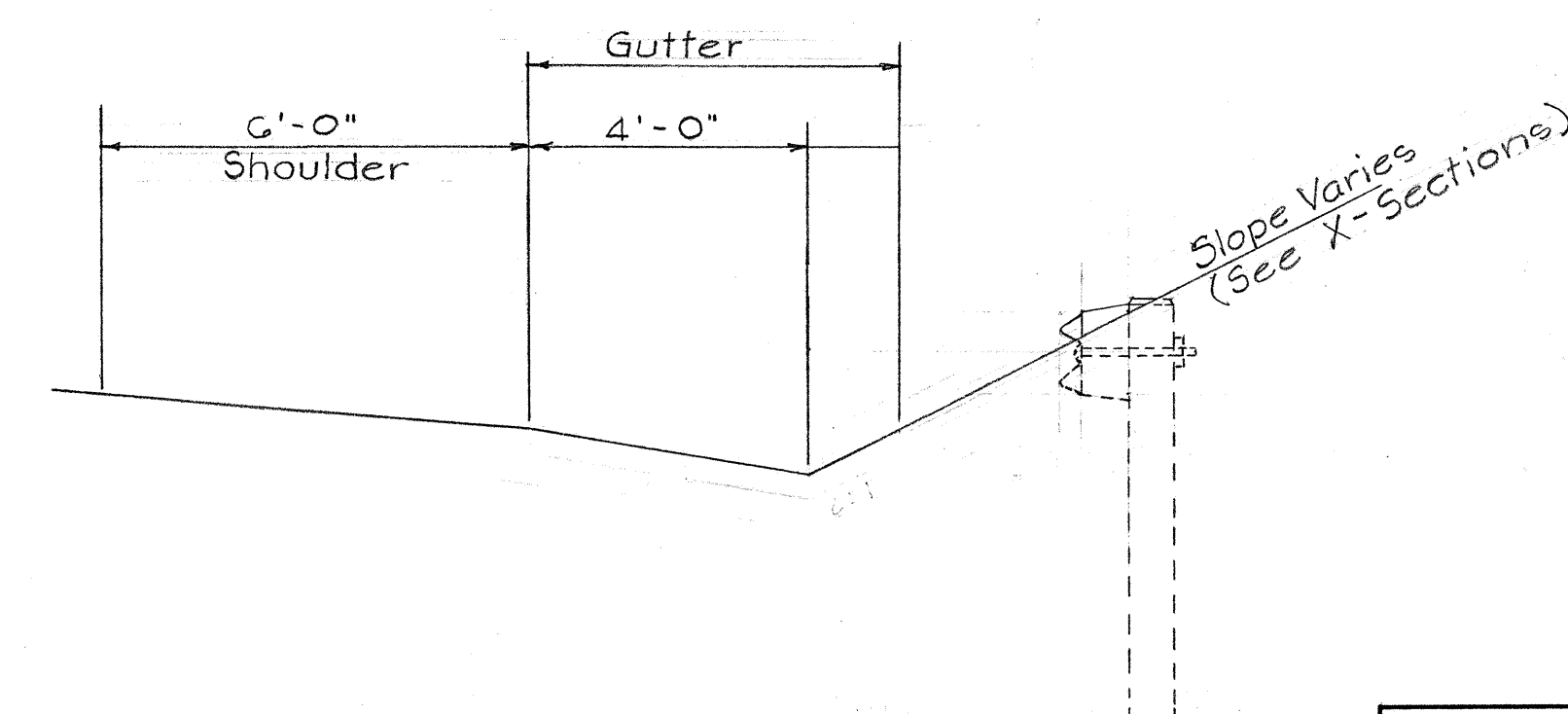
SECTION B-B
Scale: $\frac{3}{8}'' = 1'-0''$



SECTION C-C
Scale: $\frac{3}{8}'' = 1'-0''$



SECTION D-D
Scale: $\frac{3}{8}'' = 1'-0''$



SECTION E-E
Scale: $\frac{3}{8}'' = 1'-0''$

Note:
See Sheet No. 26 for detail of
Gutter Construction

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GUTTER DETAIL AT
GUARD RAIL FLARE
KALAUPAPA LOOKOUT RD
(KALAE TO PALI LOOKOUT)
PROJ. NO. 5-0470(2)
SCALE AS SHOWN AUG. 1969
SHEET No. 3 OF 9 SHEETS

MONUMENTS		REGULATORY & WARNING SIGNS				APPROACHES							REFLECTOR MARKERS					PAVEMENT MARKERS	
LOCATION	QUAN.	TYPE	DESCRIPTION	QUANTITY		STA.	RT./LT.	WIDTH	AREA		s.y.		STATION		TYPE	QUANTITY		TYPE	QUANTITY
				w/ Post	w/o Post				Pav't.	B.C.	Exc.	Emb.	From	To		w/ Post	w/o Post		
Sta. 0+48.92	1	R1-1	STOP	4		3+25	LT.	20'	99	106	77	0	27+00R	40+50R	RM-1	24	20	"B"	33
Tan. Sta. 4+36.99	1	R2-1(30)	SPEED LIMIT 30	2		6+60	LT.	10'	45	56	41	0	46+20L	60+10L	RM-1	14	1	"D"	59
S.C. Sta. 6+30.31	1	W1-1L	↰	1		9+20	LT.	10'	45	56	26	0	-	55+90L	RM-3	1		"E"	47
C.S. Sta. 14+07.31	1	W1-1R	↱	1		9+02	RT.	20'	185	232	220	0	-	51+10R	RM-3	1			
Tan. Sta. 15+34.28	1					17+20	RT.	10'	55	74			58+10R	69+50R	RM-1	16			
Tan. Sta. 29+11.75	1																		
S.C. Sta. 30+77.72	1	W1-4R	↗	2		32+10	RT.	10'	55	74	1063	0			TOTAL	56	21		
C.S. Sta. 37+16.60	1	R2-1(15)	SPEED LIMIT 15	1		50+60	RT.	10'	55	74	30								
Tan. Sta. 38+61.08	1	R2-1(25)	SPEED LIMIT 25	2		56+00	LT.	10'	55	74	88	0							
Tan. Sta. 50+06.86	1	R2-5	SPEED ZONE AHEAD	2		63+50	RT.	20'	119	125									
S.C. Sta. 51+40.14	1	W13-1(15)	15 M.P.H.		1	70+00	LT.	20'	108	120									
C.S. Sta. 57+90.48	1	W13-1(25)	25 M.P.H.		1	78+50	LT.	10'	55	74									
Tan. Sta. 59+23.76	1	RG-1R	ONE WAY ↘	1		0+68.98	RT.	16'	65	65									
Tan. Sta. 60+92.30	1																		
S.C. Sta. 62+25.35	1		TOTAL	16	2														
C.S. Sta. 65+93.13	1																		
Tan. Sta. 67+26.18	1																		
Sta. 87+57.86	1																		

GUARD RAIL				STANDARD WIRE FENCE			
STATION		Rt./Lt.	Lin. Ft.	STATION		Rt./Lt.	Lin. Ft.
From	To			From	To		
31+25	36+25	Lt.	475				
50+05	54+15	Rt.	312.5	9+30	18+04	Rt.	880
51+05	55+55	Lt.	450	18+16	31+90	Rt.	1374
				10+00	37+04	Lt.	2659
				37+16	55+94	Lt.	2300
				56+06	58+20	Lt.	214
				35+00	51+40	Rt.	1640

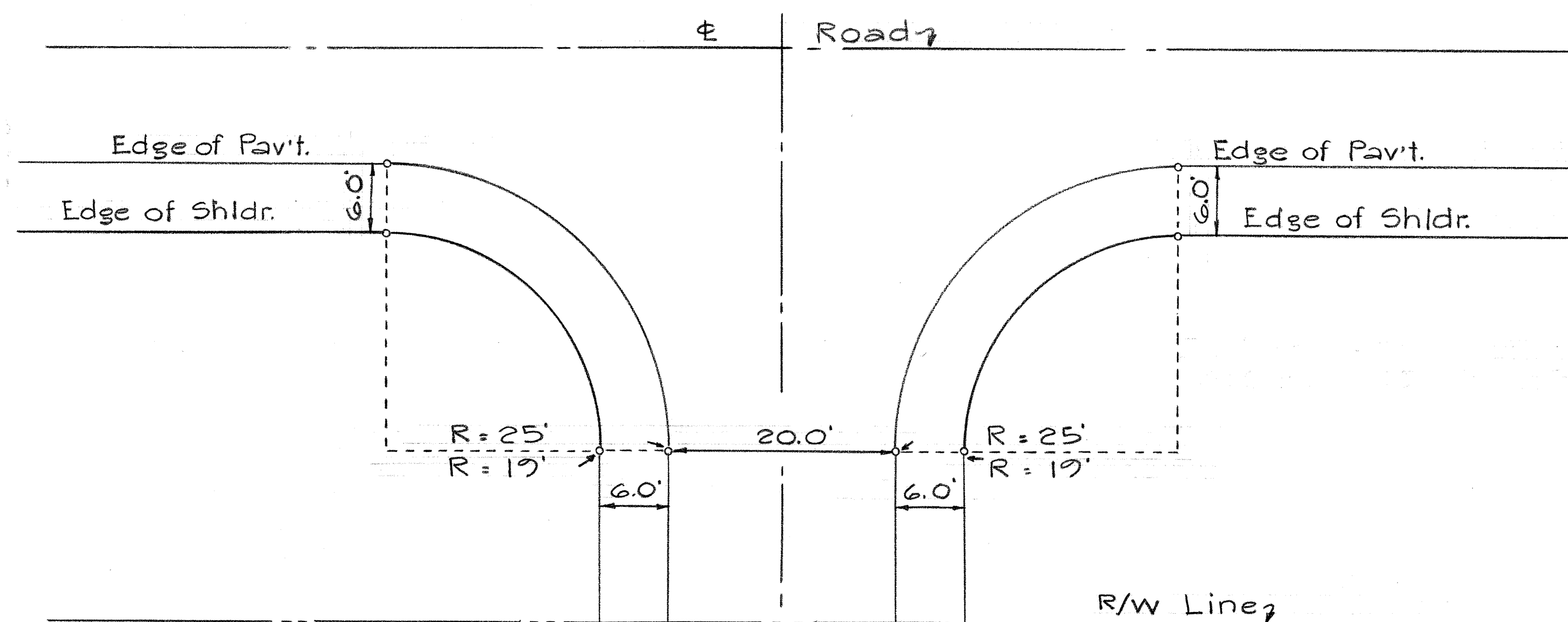
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUMMARIES

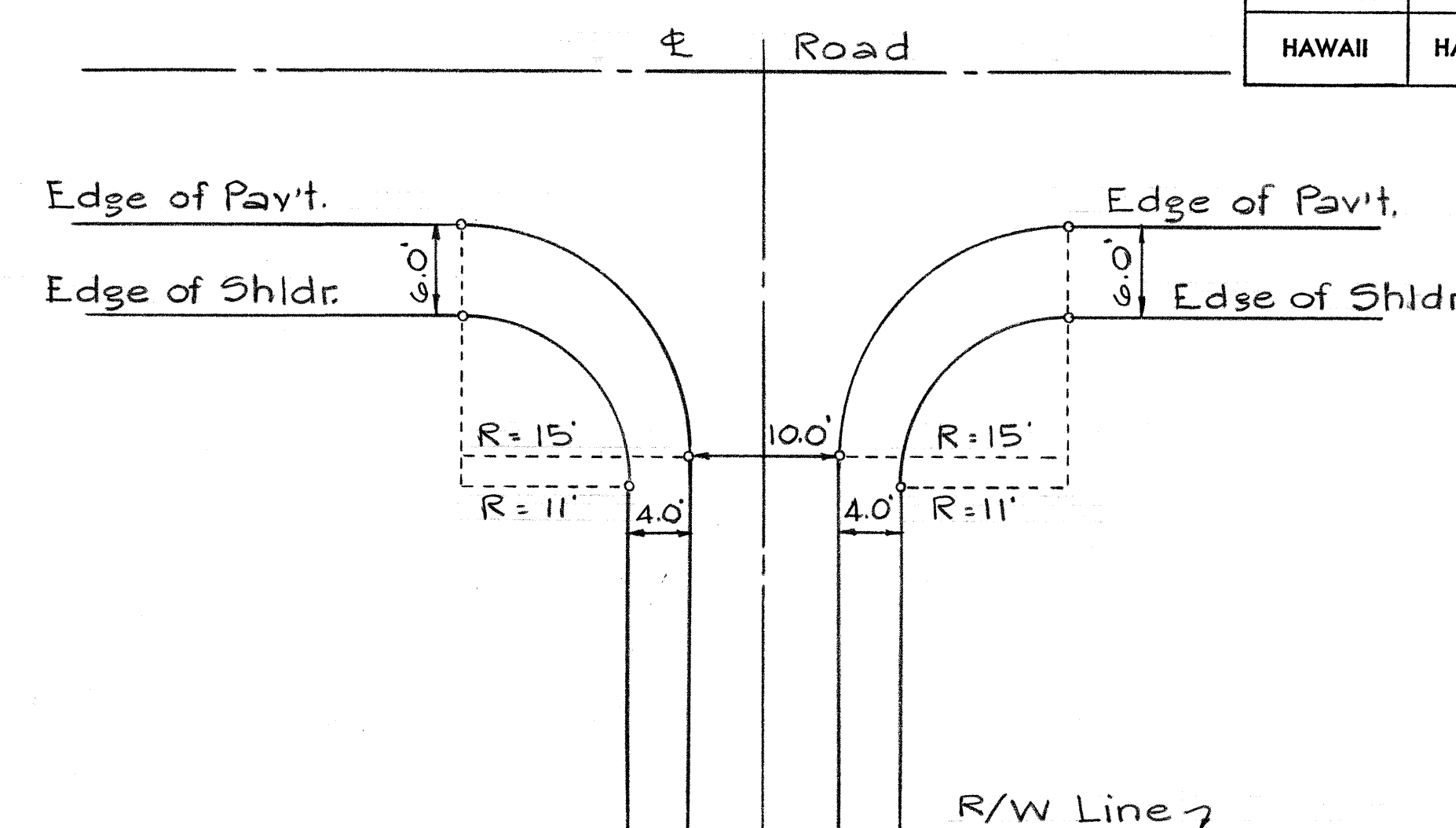
KALAUPAPA LOOKOUT RD.
Proj. No. S-0470(2)

DATE
DESIGNED BY
DRAWN BY
CHECKED BY
NOTE BOOK
No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	12	80

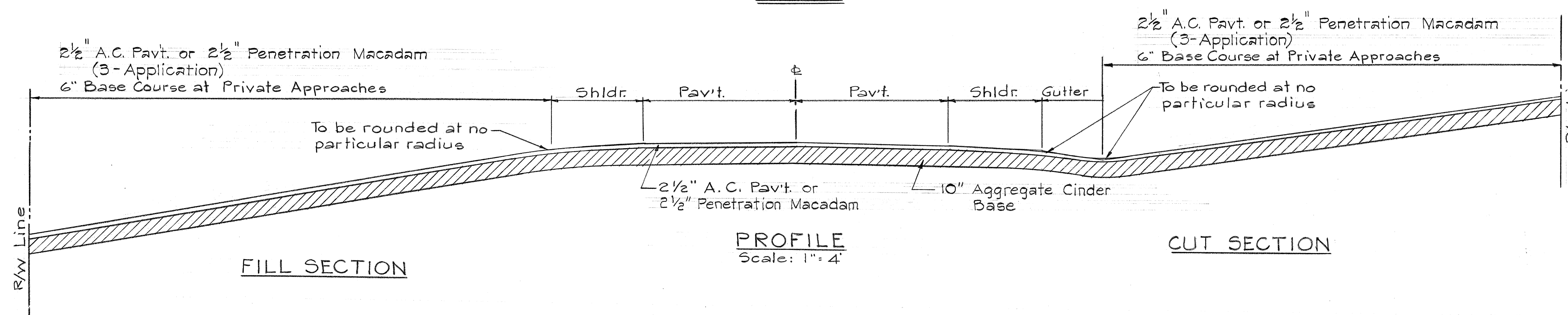


PUBLIC APPROACHES
Scale: 1"=10'



PRIVATE APPROACHES
Scale: 1"=10'

PLAN

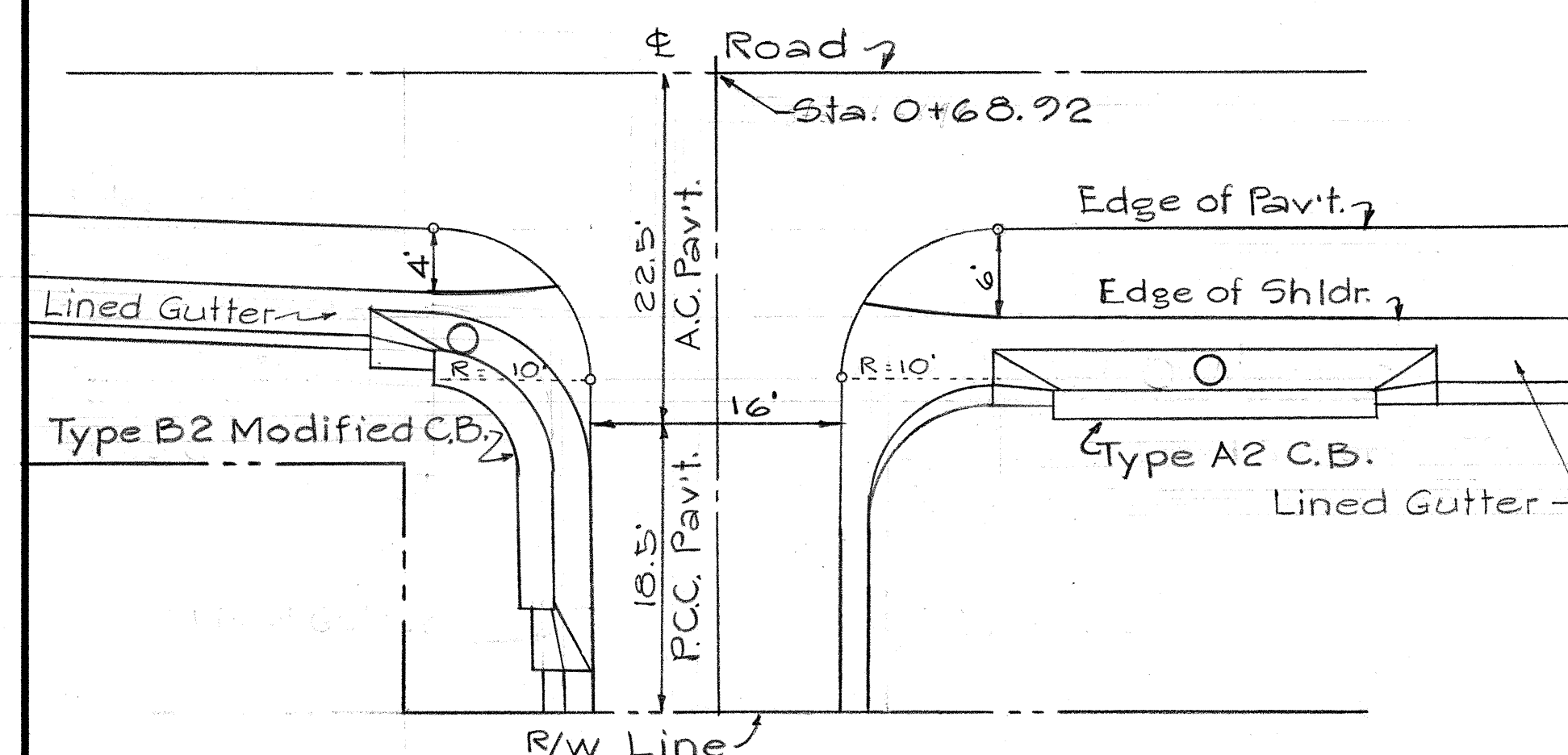


FILL SECTION

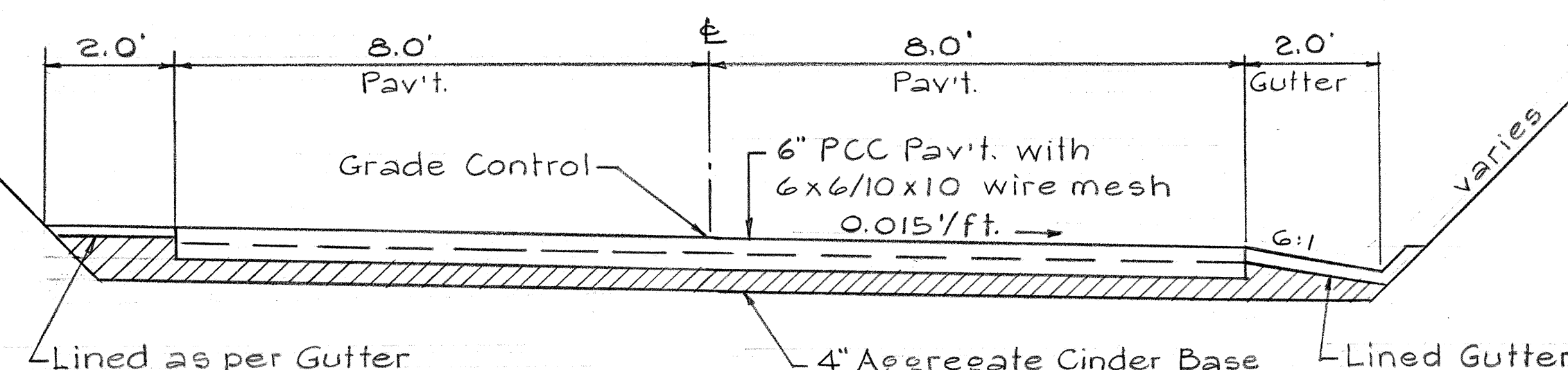
PROFILE
Scale: 1"=4'

CUT SECTION

DATE	
DESIGNED BY	
CHECKED BY	
NO.	

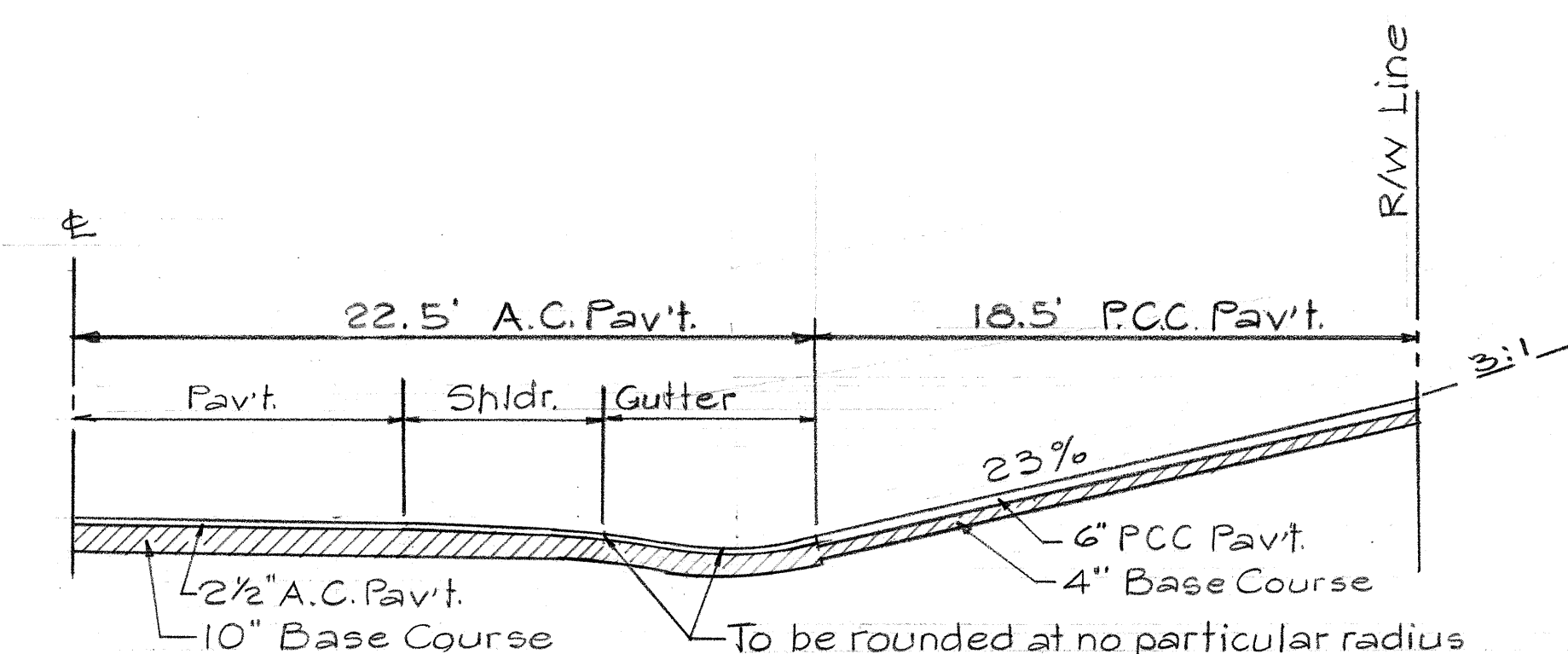


PLAN
Scale: 1"=10'



TYPICAL SECTION
Scale: 1/2"=1'-0"

APPROACH AT STA. 0+68.92
Scale as Noted



PROFILE
Scale: 1"=5'

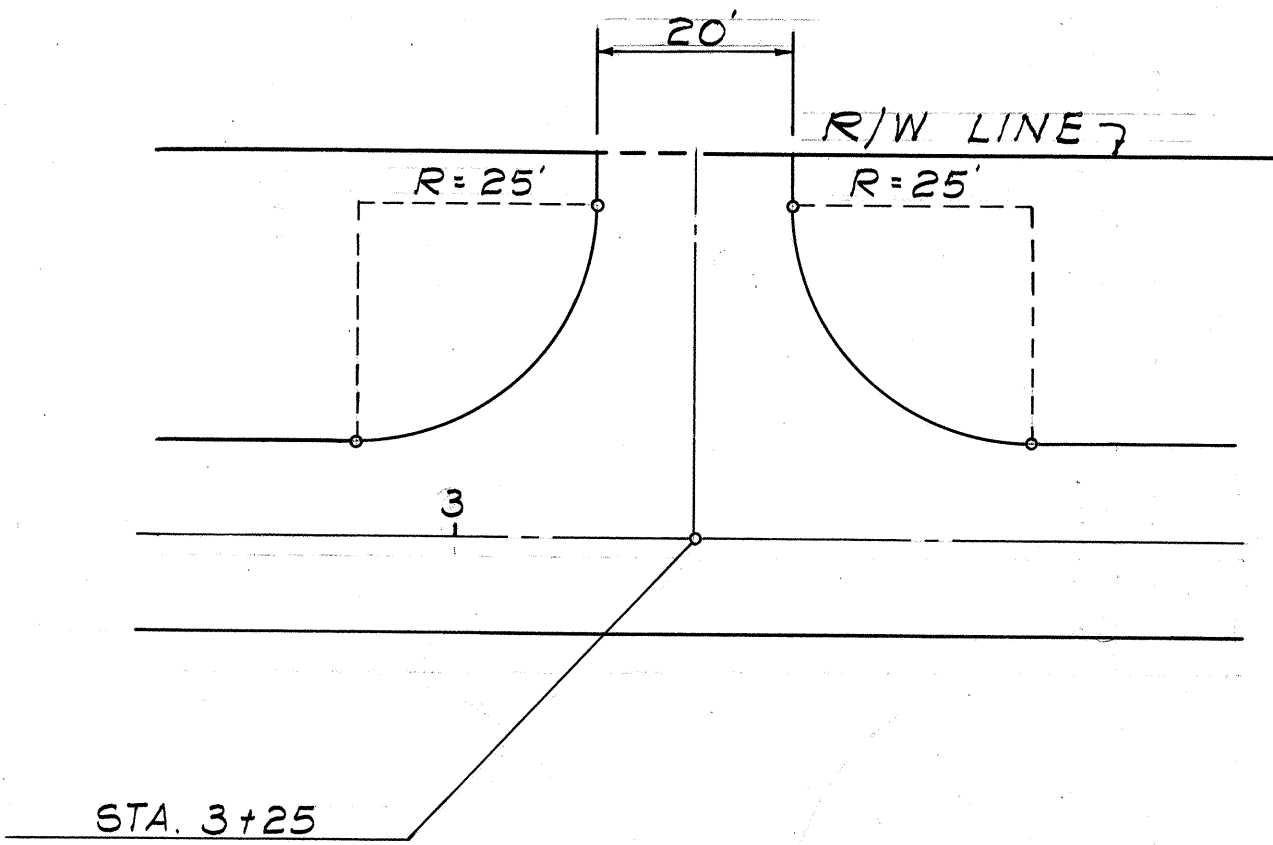
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL
APPROACHES

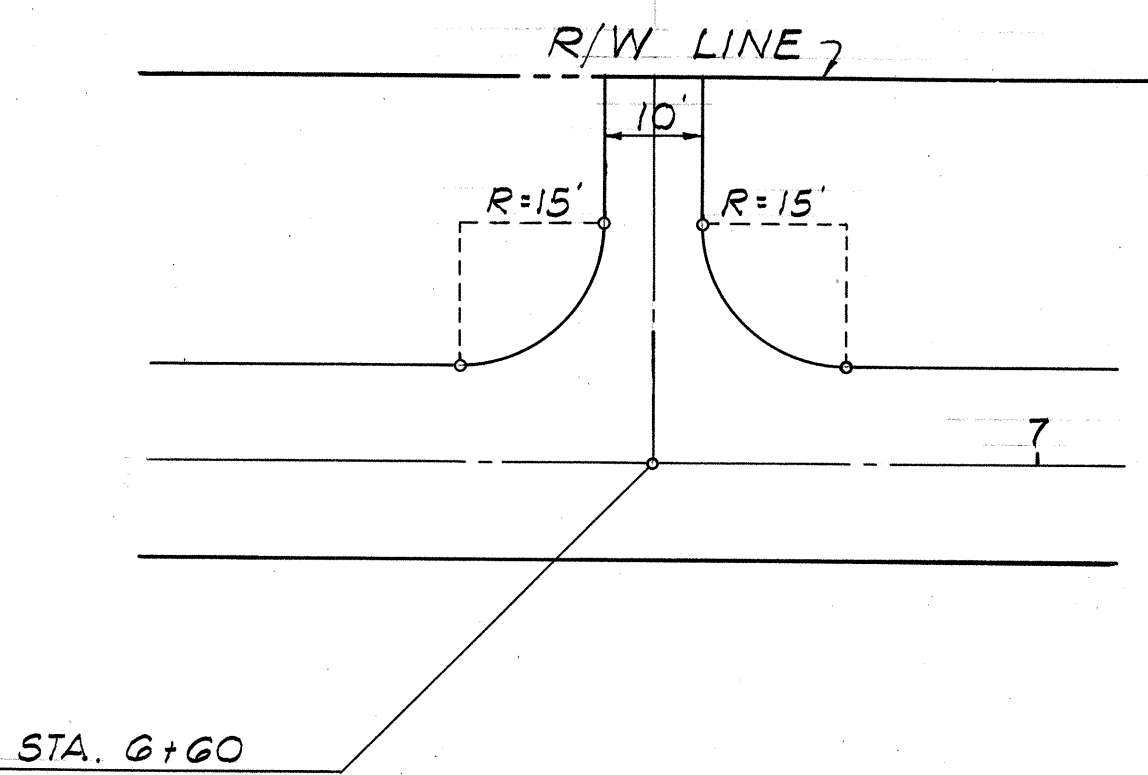
KALAUAPAPA LOOKOUT RD.
PROJ. NO. 5-0470(2)
Scale: As Noted Date: Sept. 1970

SHEET No. 5 OF 9 SHEETS

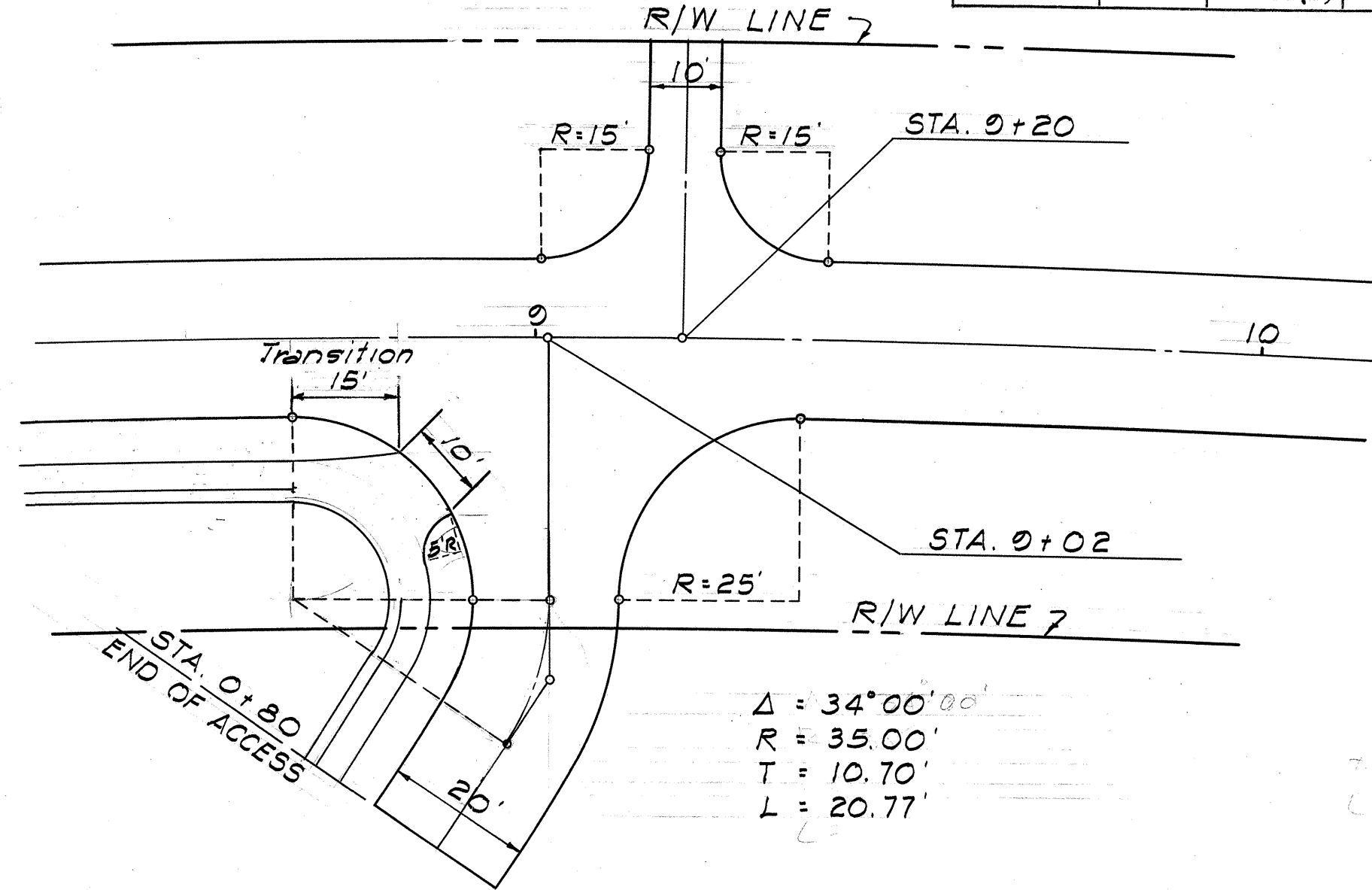
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	13	80



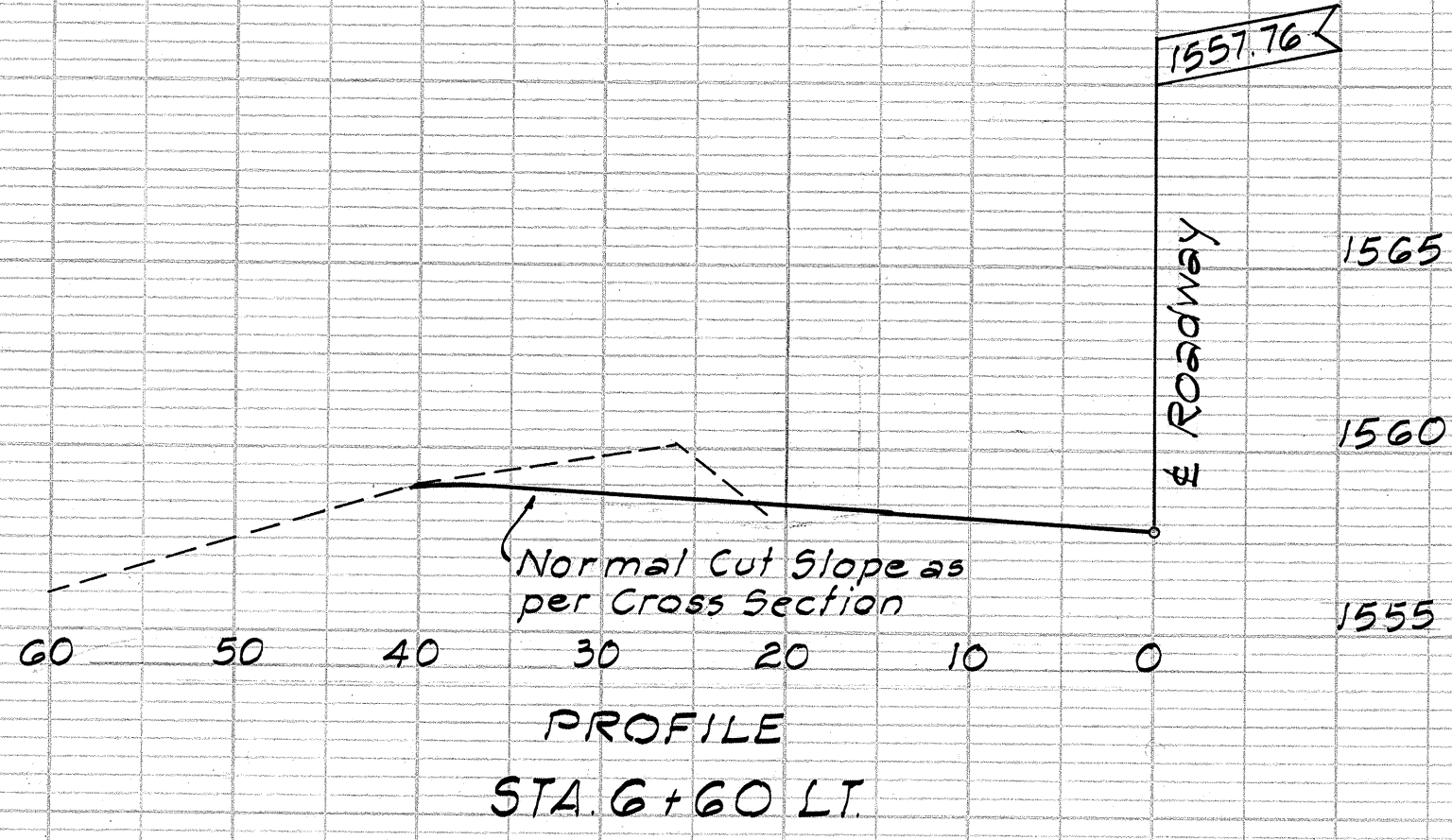
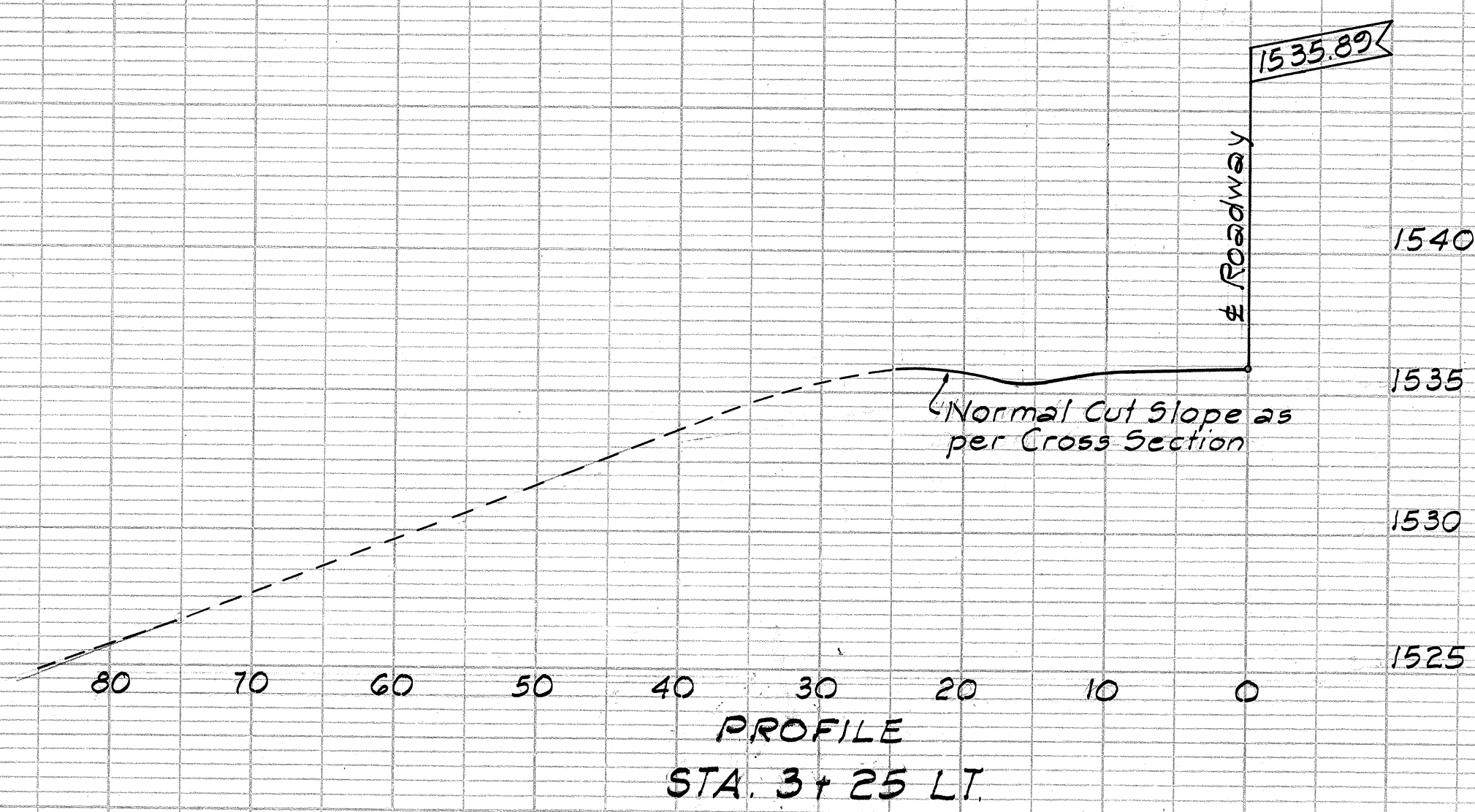
STA. 3+25 LT.
SCALE: 1"=20'



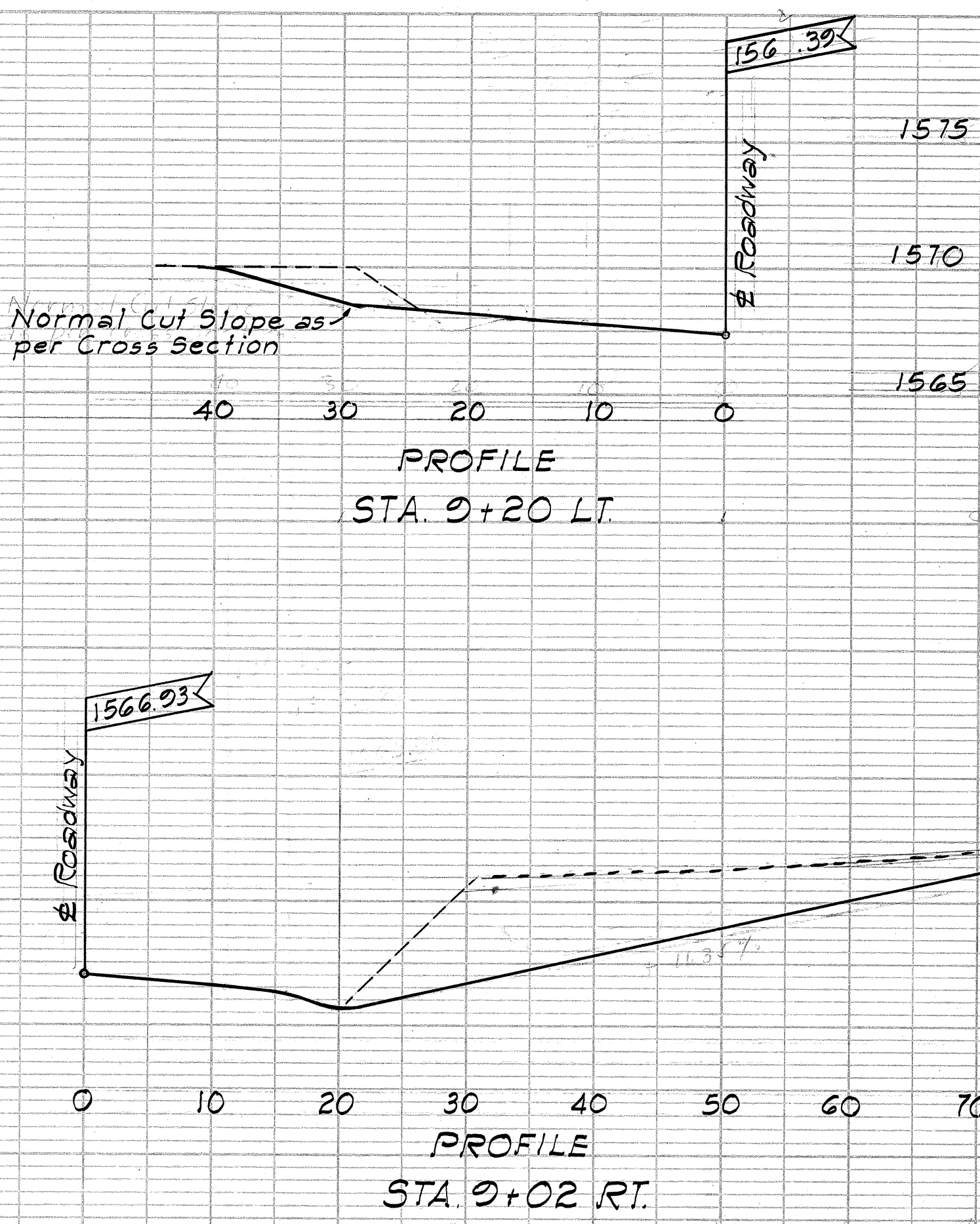
STA. 6+60 LT.
SCALE: 1"=20'



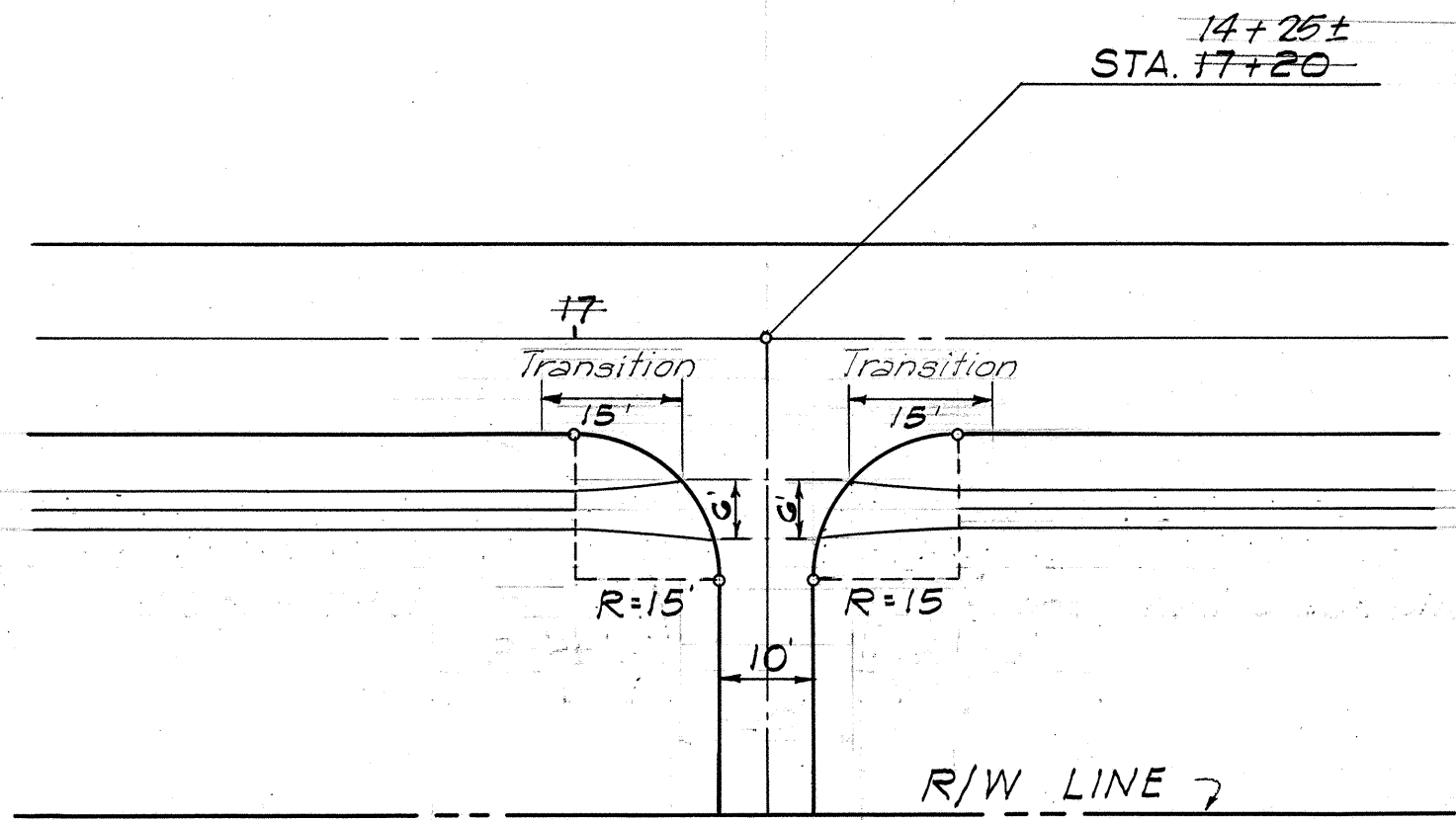
STA. 9+02 RT.
STA. 9+20 LT.
SCALE: 1"=20'



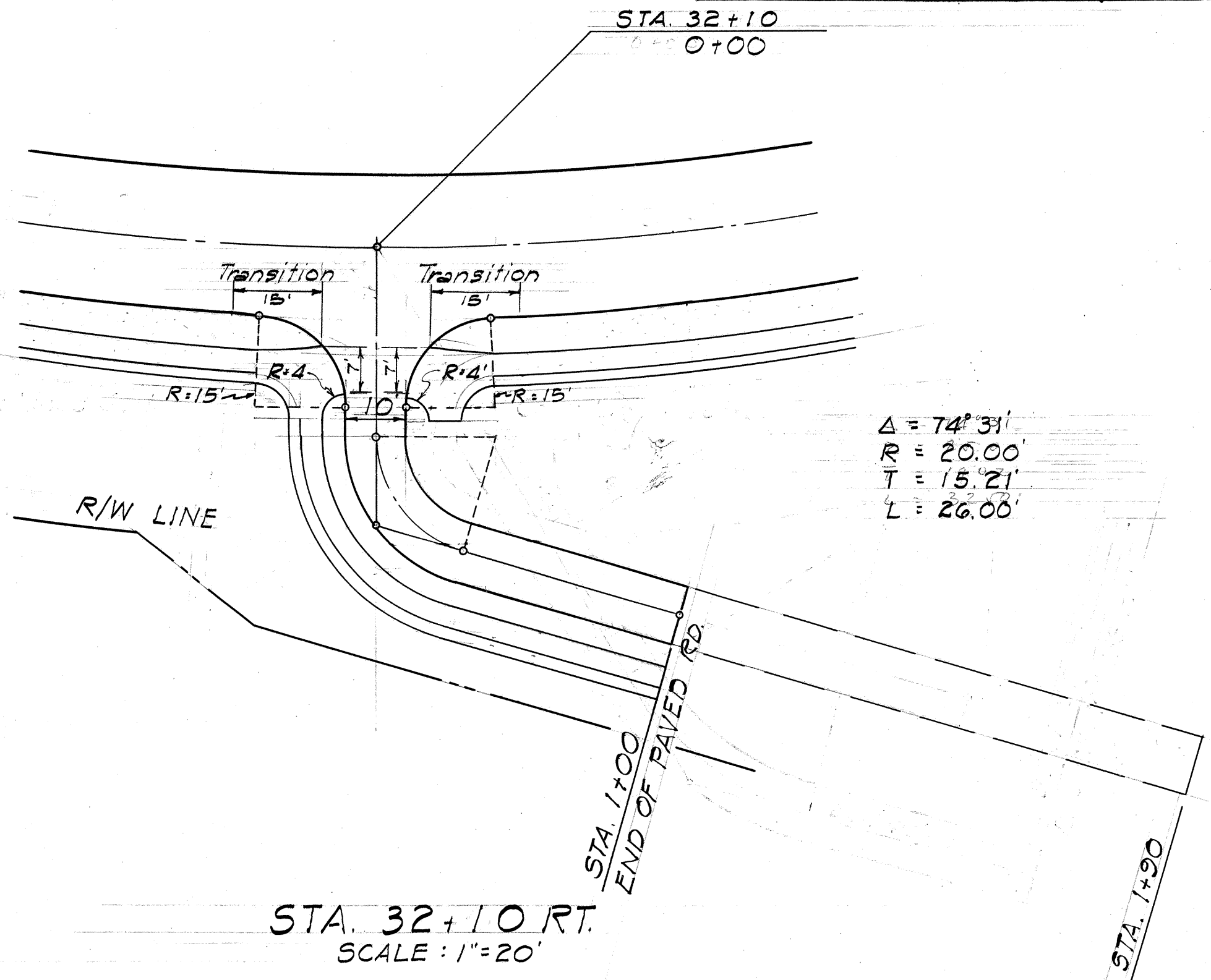
SIDE APPROACHES
Scale: Horiz. 1"=10'
Vert. 1"=5'



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	14	80



14+25±
STA. 17+20 RT.
SCALE: 1"=20'



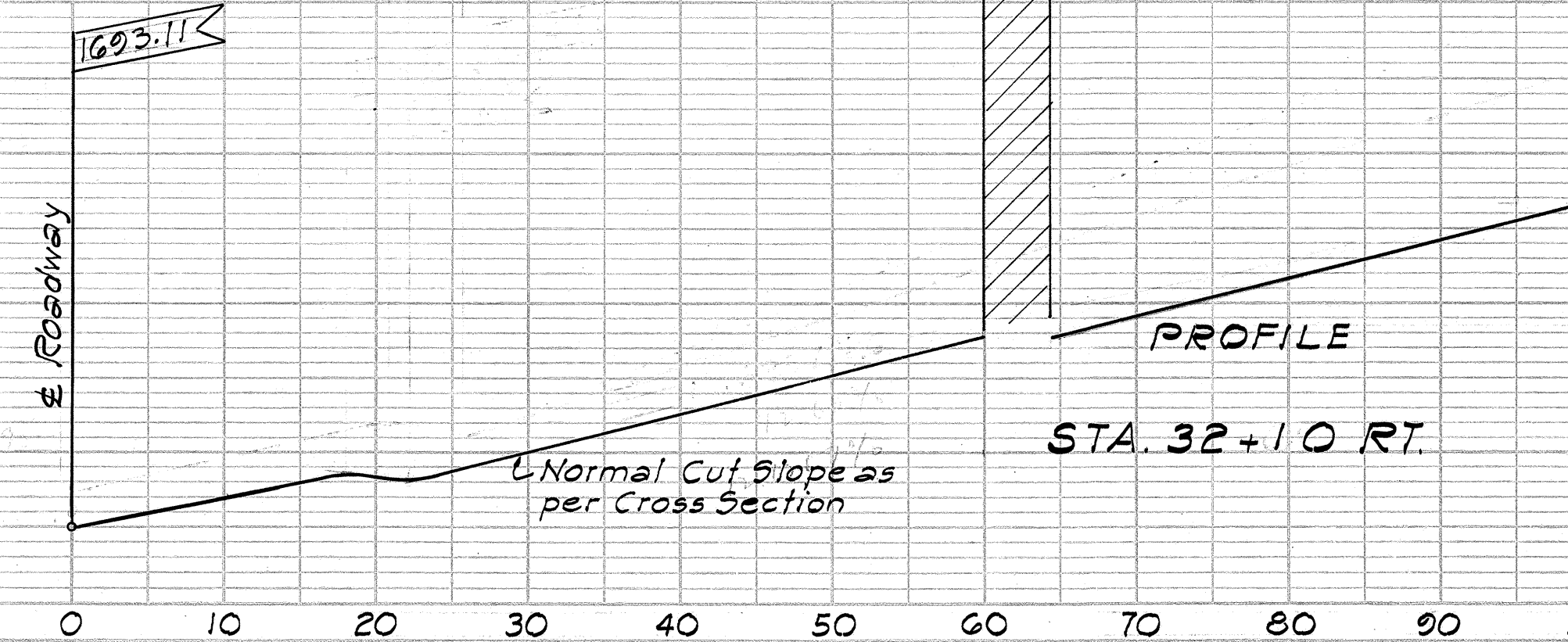
STA. 32+10 RT.
SCALE: 1"=20'

Note:
Approach Road at Sta. 32+10 RT.
Roadway surface from Sta. 1+00 to 1+20
shall slope to the right at 0.015'/ft.



PROFILE
STA. 17+20 RT.

SIDE APPROACHES
Scale: Horiz. = 1"=10'
Vert. = 1"=5'

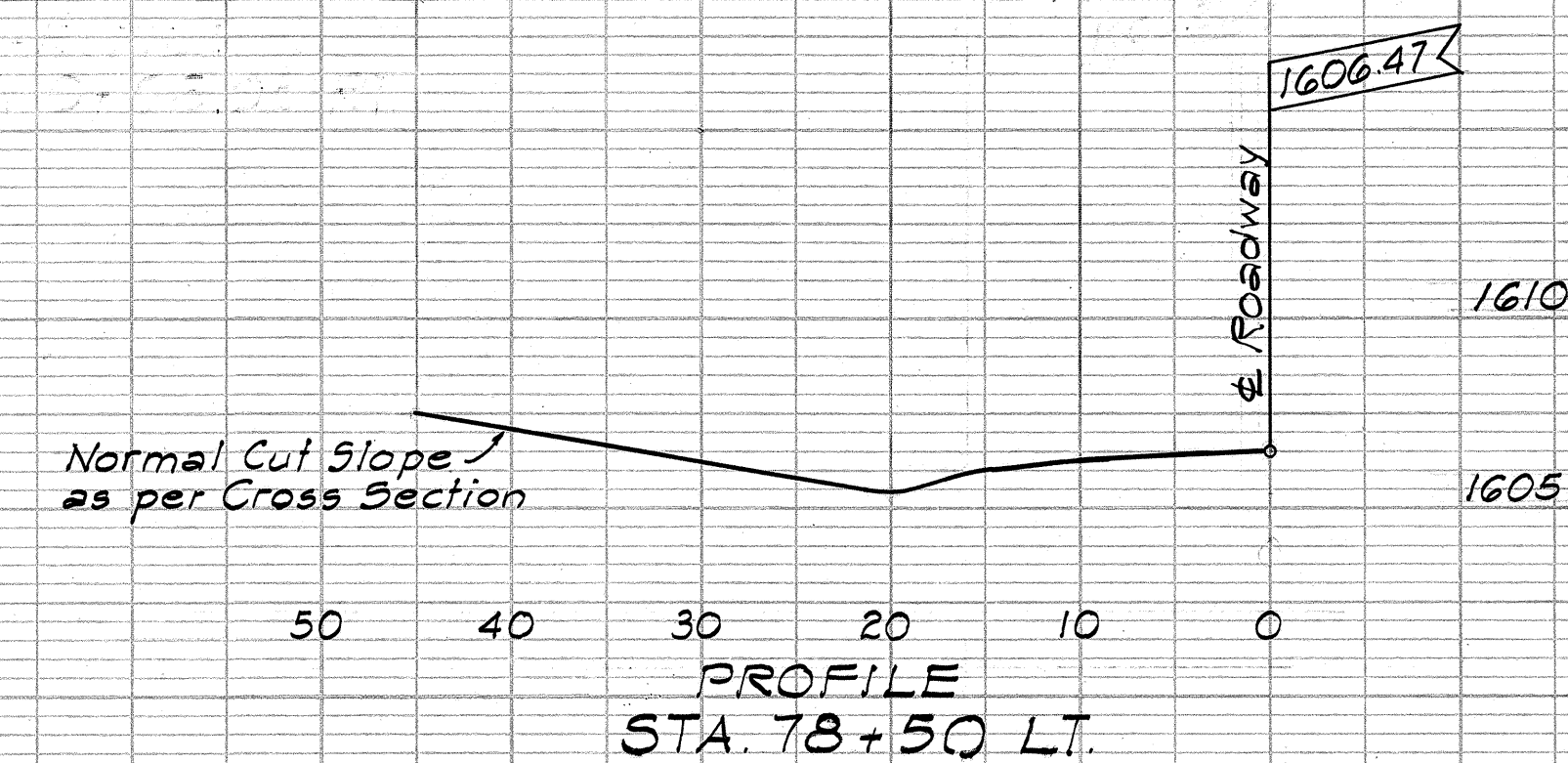
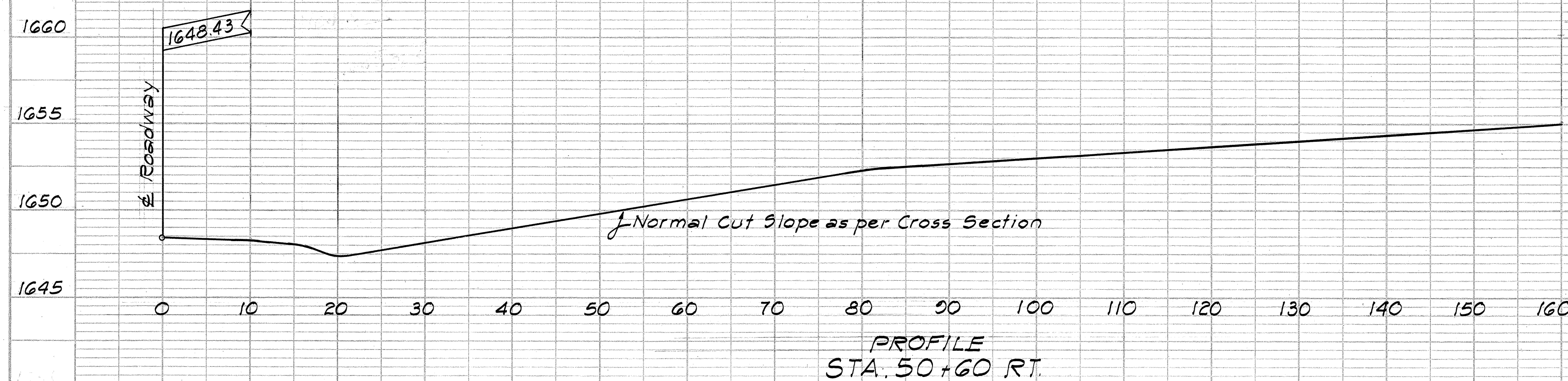
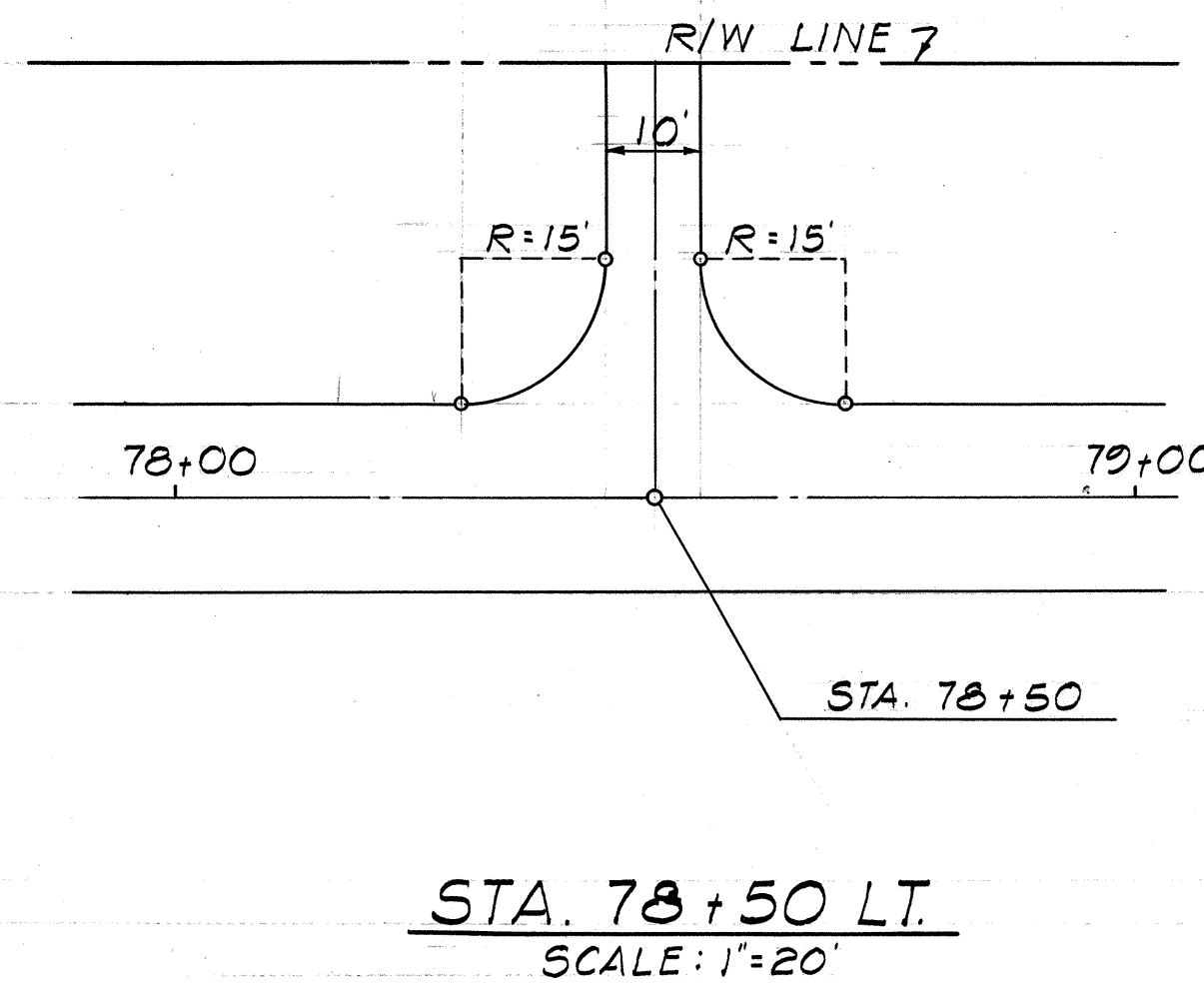
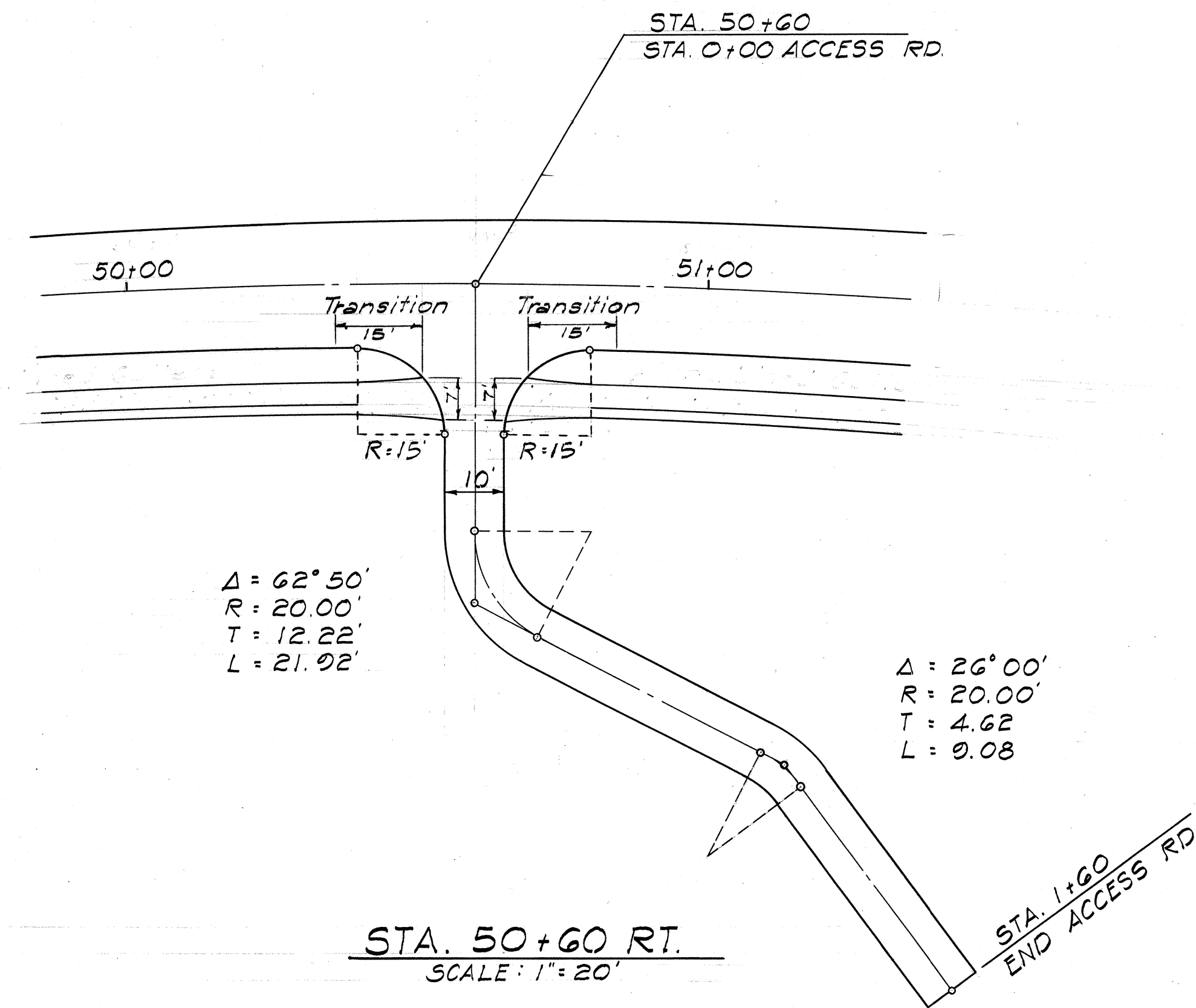


STA. 32+10 RT.

FED. ROAD DIST. NO.	STATE	F.T. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	15	80

PLAN	DATE	BY	DATE	BY
SURVEYED				
NOTE BOOK				
NO.				

PROFILE	DATE	BY	DATE	BY
SURVEYED				
NOTE BOOK				
NO.				

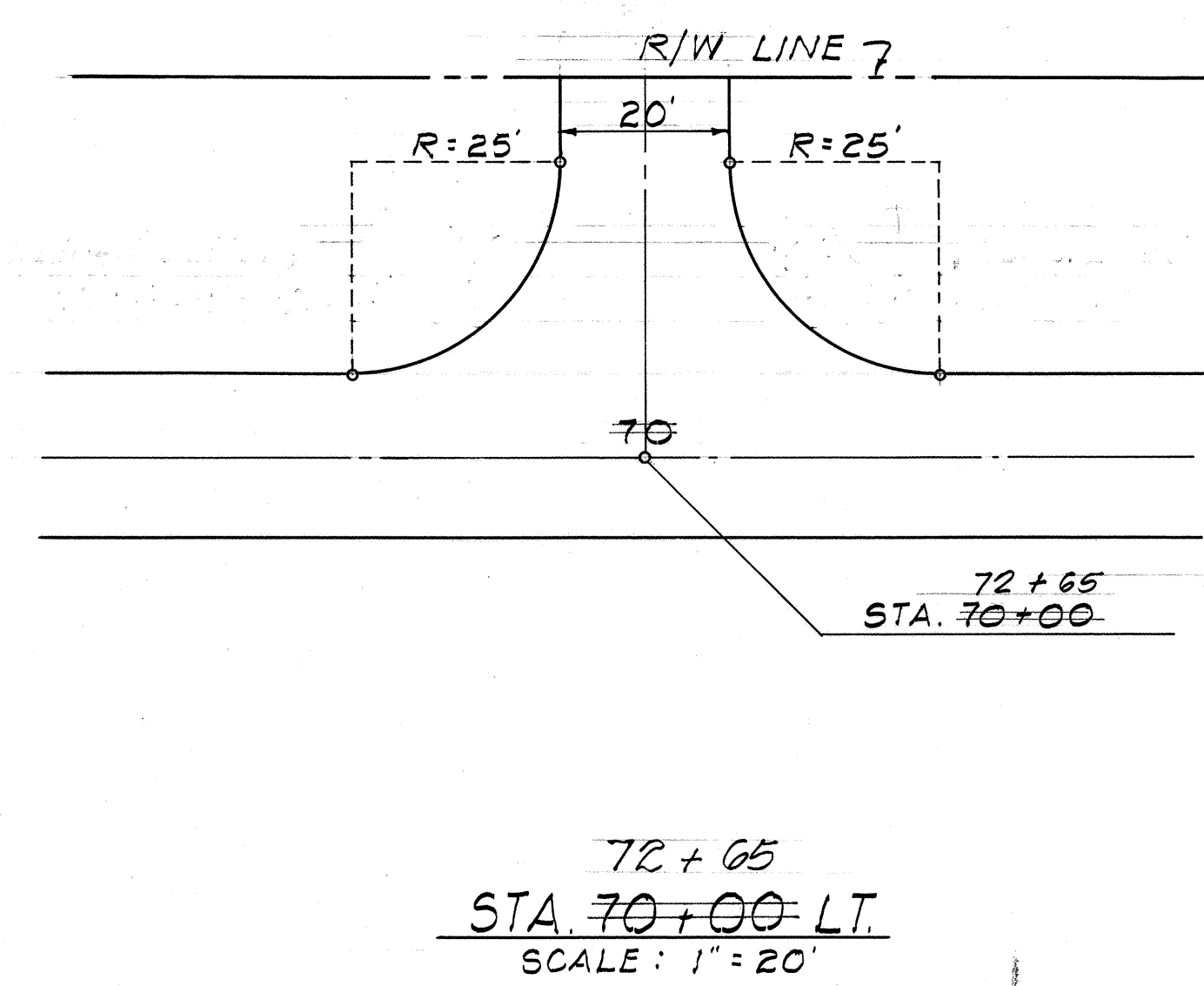
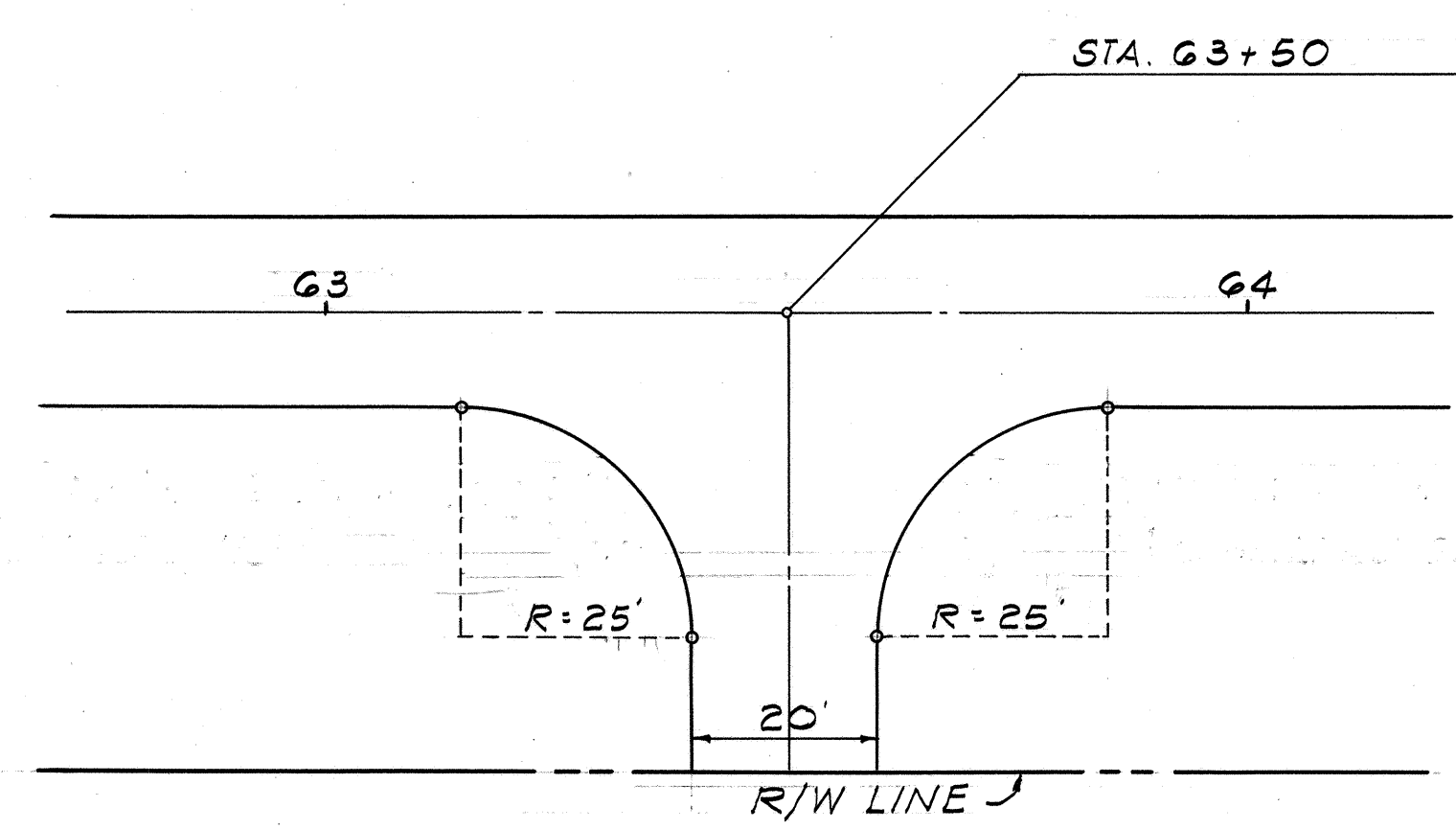
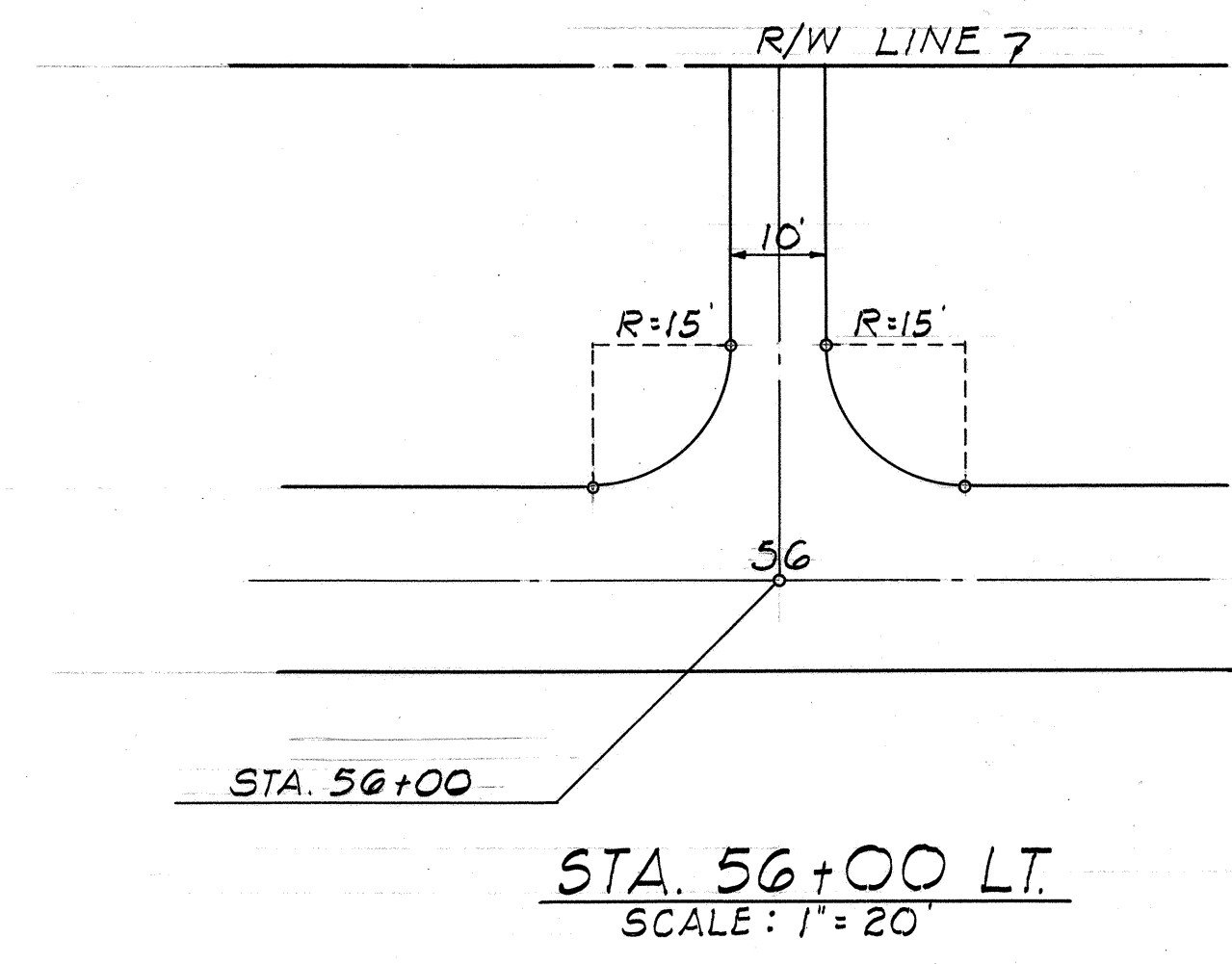


SIDE APPROACHES
Scale: Horiz. 1" = 10'
Vert. 1" = 5'

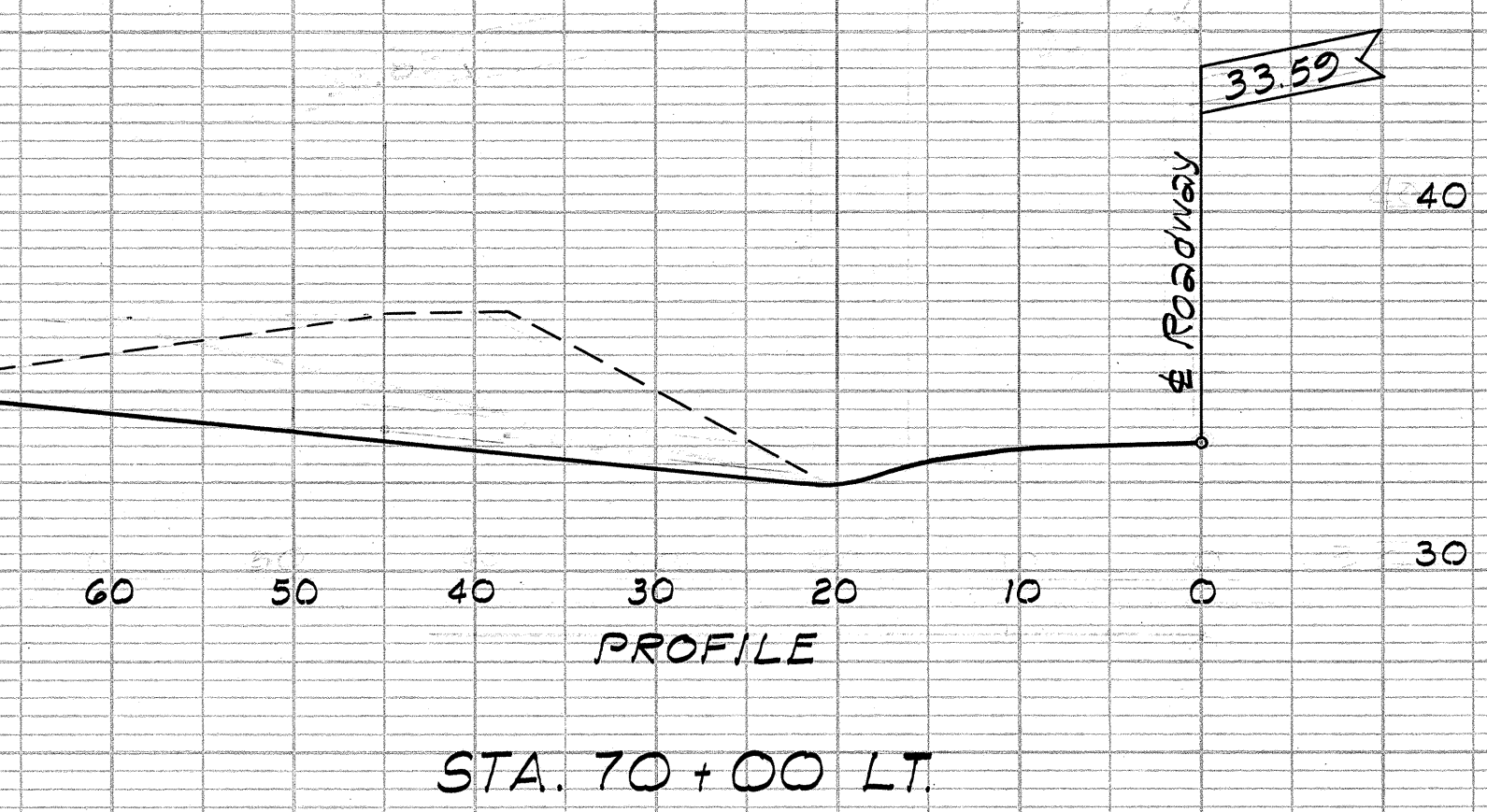
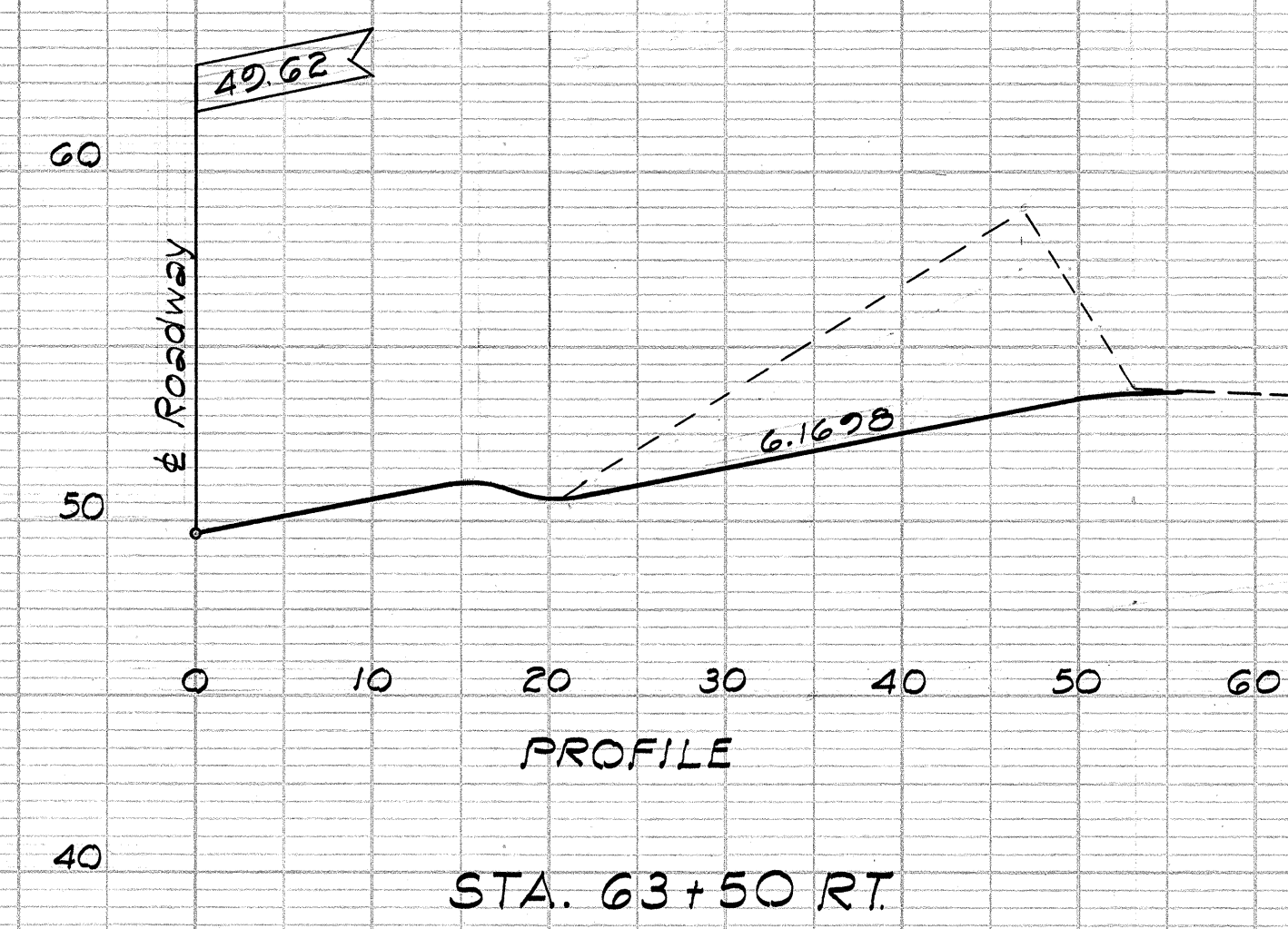
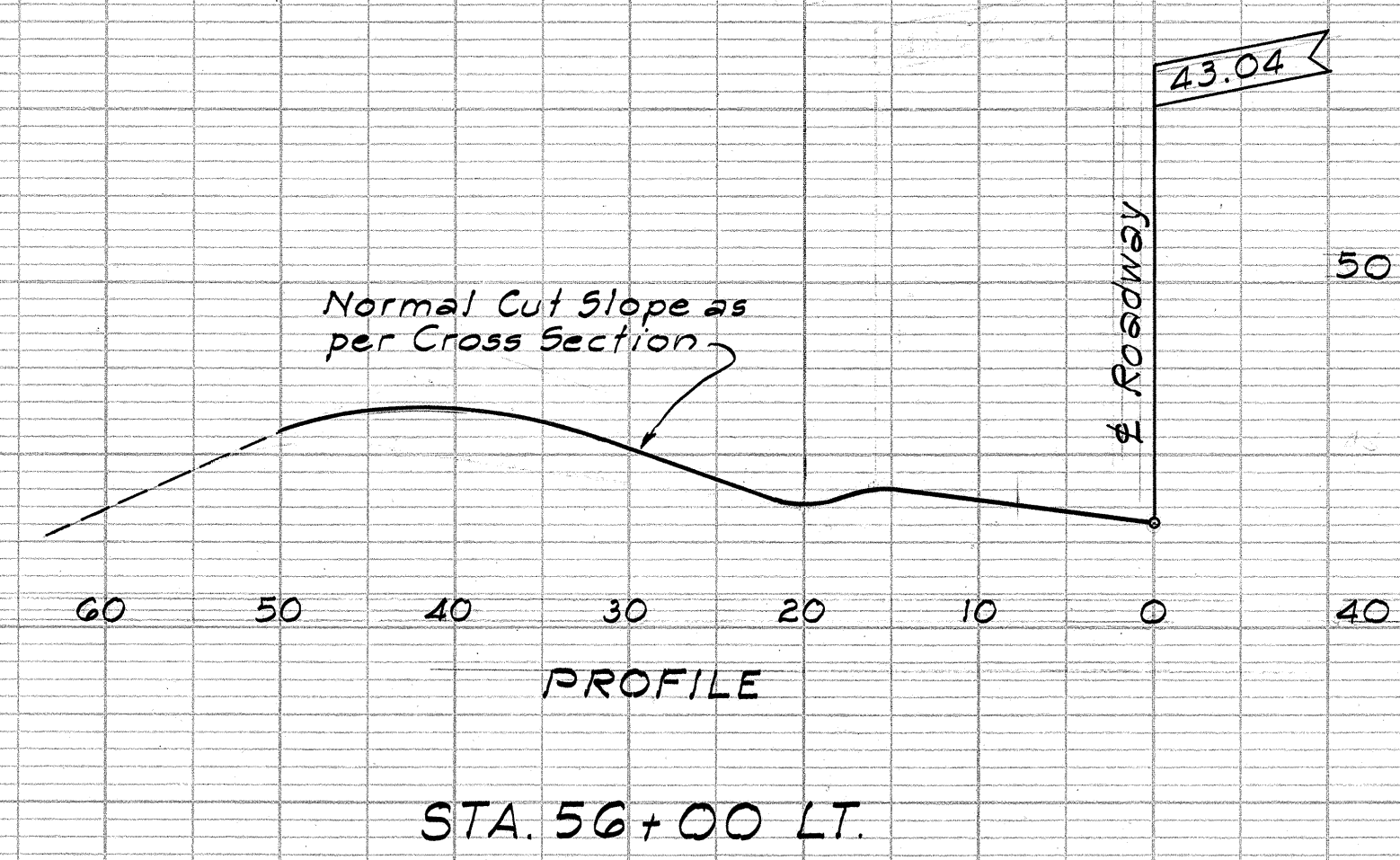
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0470(1) 5-0470(2)	1970	16	80

PLAN	DATE	BY	NO.
SURVEYED			
NOTE BOOK			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			

PROFILE	DATE	BY	NO.
SURVEYED			
GRADES CHECKED			
STRUCTURE NOTATIONS CHECKED			



Note:
Exact grade for approach at Sta. 70+00 Lt. to be established during construction. Work to be coordinated with the "Palau State Park Improvement Project."



SIDE APPROACHES
Scale: Horiz 1" = 10'
Vert. 1" = 5'