

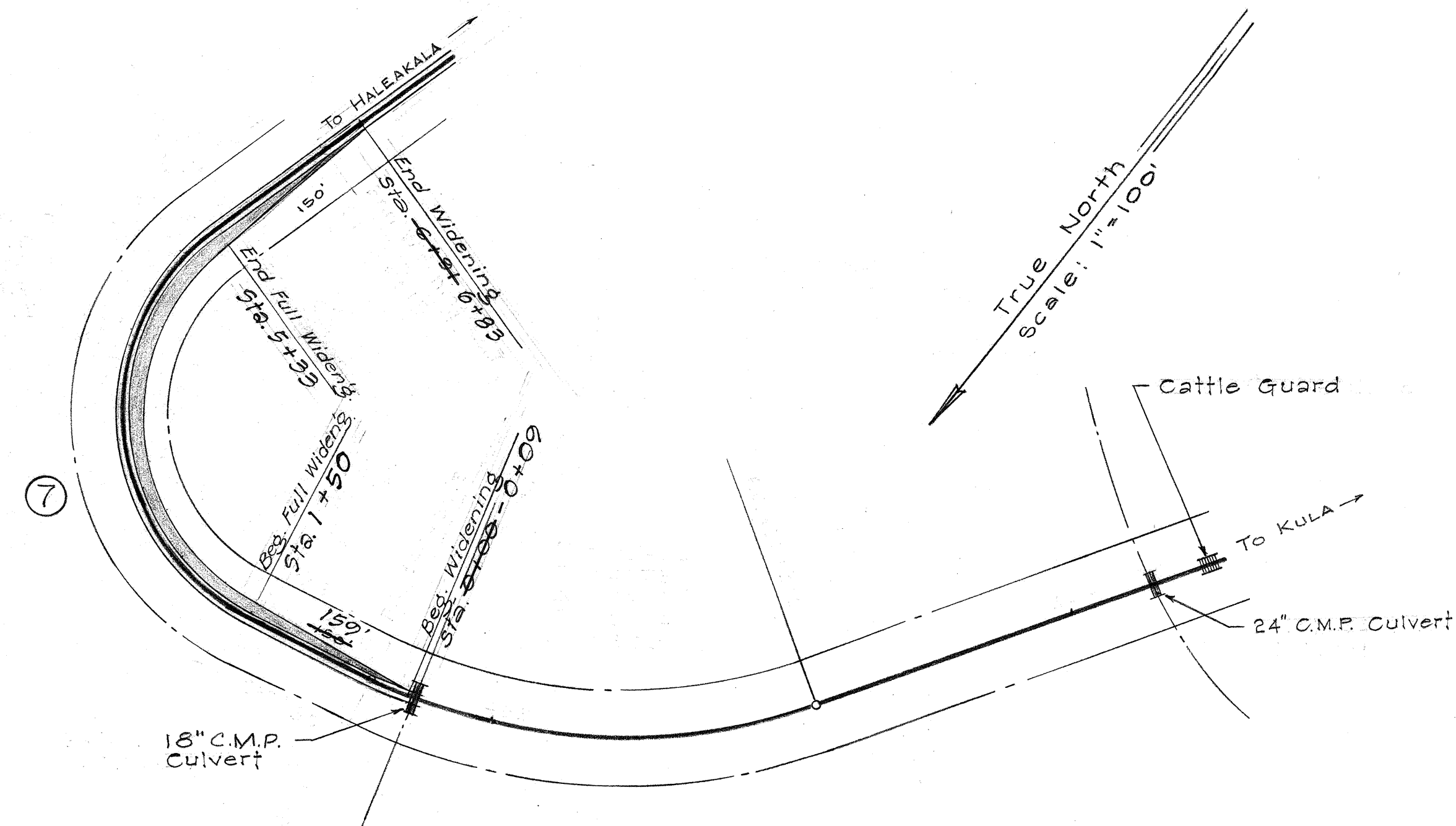
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	DAW	A-378-01-66	1966	3	66

Widening No. 7

Length = ~~694~~ Ft. 692
Exc. = ~~58~~ c.y. 114
Emb. = 0 c.y.
Pavt. Area = ~~526~~ S.Y. 667
B.C. Area = ~~557~~ S.Y. 638
Unquitable = 68 c.y.

Surplus Material:

Widened shoulder and wasted area:
Sta. 0+75 to Sta. 1+25 Left
Sta. 2+10 to Sta. 3+25 Left



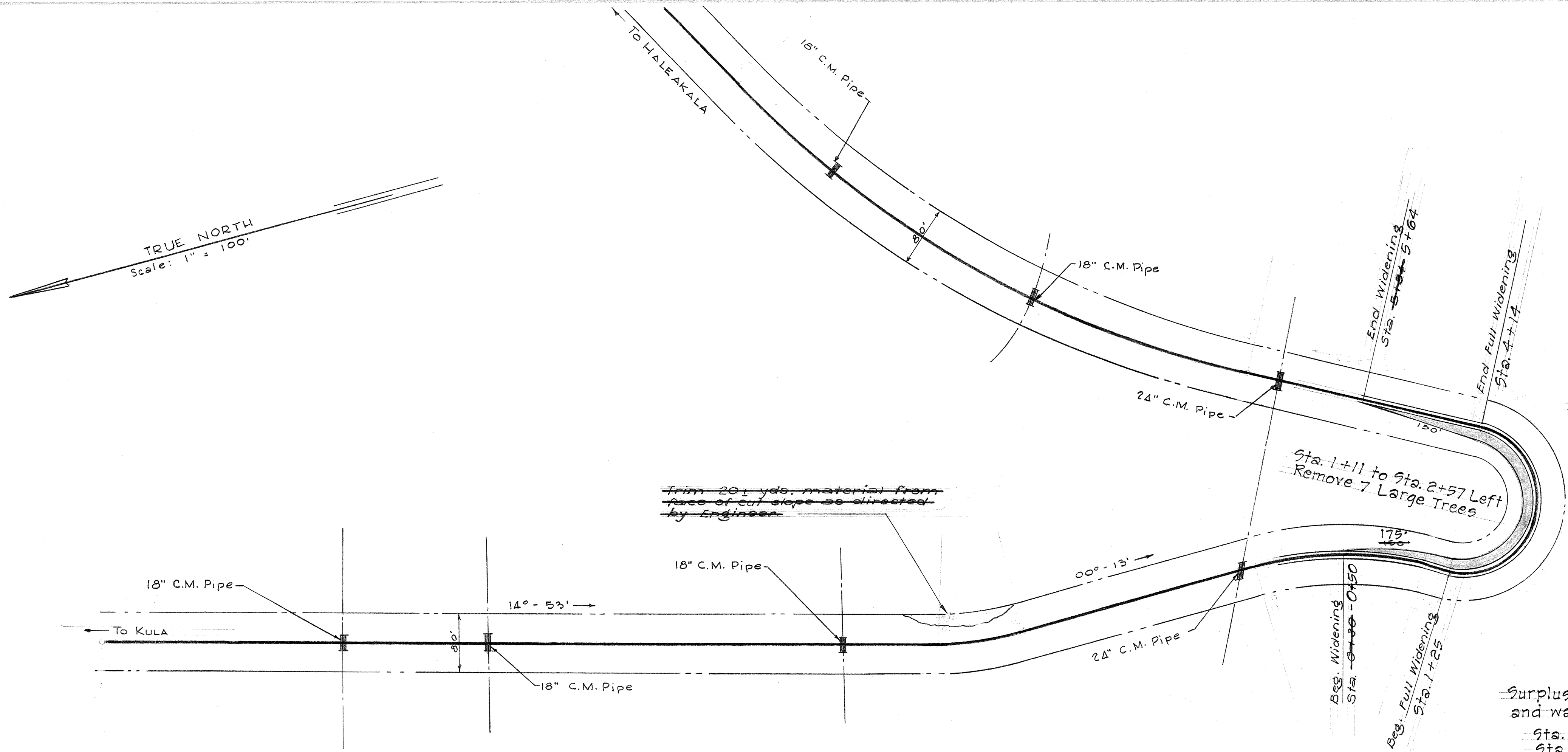
GENERAL NOTES

1. Exact locations of beginning and end of widenings shall be determined by the Engineer.
2. Removal of existing headwalls, structural excavation and backfill, concrete collars and reinforcing steel for extension of the existing culverts will not be measured and paid for directly, but will be considered incidental to the respective contract item for 18\"/>

PLAN	DATE	BY	CHKD.
DESIGNED			
PLOTTED			
CHECKED			
NO.			

PROFILE	DATE	BY	CHKD.
DESIGNED			
PLOTTED			
CHECKED			
NO.			

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	A-378-01-68	1966	4	35



CONTRACT CHANGE ORDER No. 2
(Increase)
Remove Large Trees 7 Trees

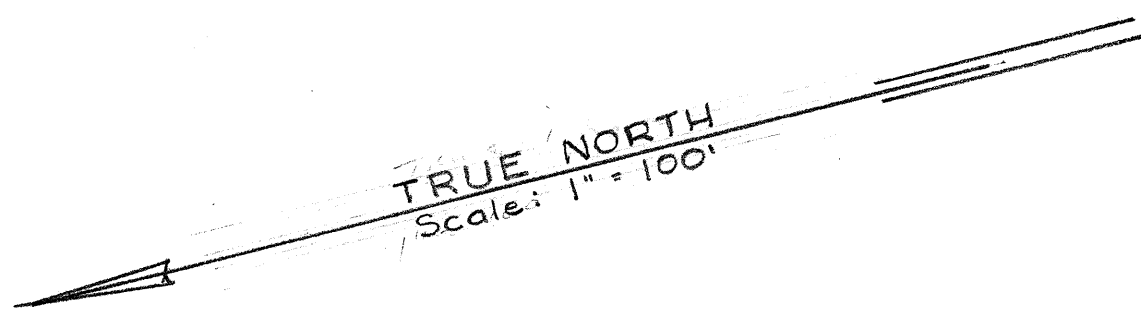
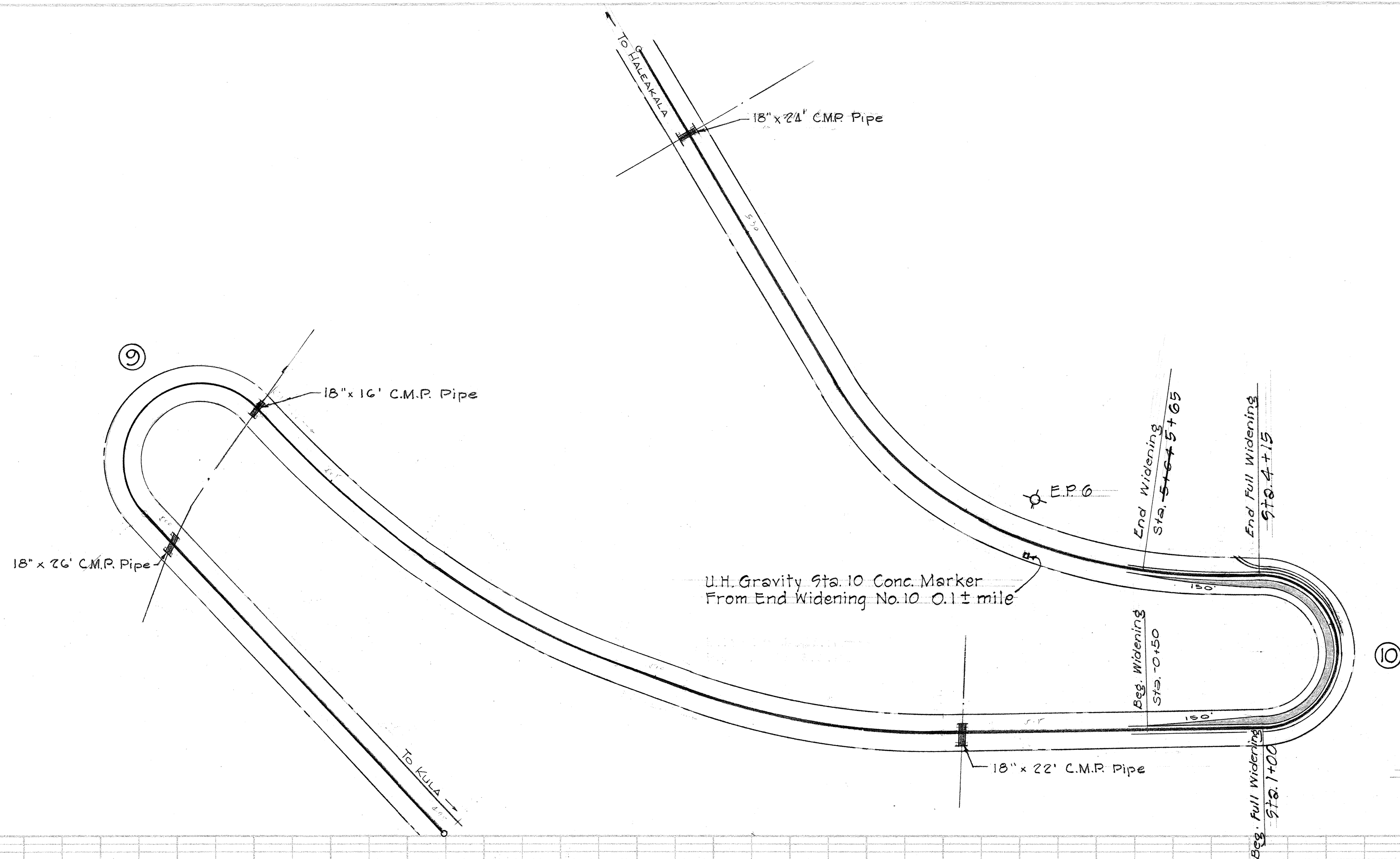
Widening No. 8
Length = 614 $\frac{1}{2}$ l.f.
Exc. = 303 c.y.
Emb. = 55 c.y.
Pav't. Area = 432 s.y. 531
B.C. Area = 462 s.y. 555
Unsuitable = 56 c.y.

Surplus Material - Widened shoulder
and wasted area:
Sta. -1+60 to Sta. 1+00 Left
Sta. 2+00 to Sta. 3+10 Right

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	A-378-01-66	1966	5	35

PLAN	DATE
DESIGNED	
PLOTTED	
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BY	
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PROFILE	DATE
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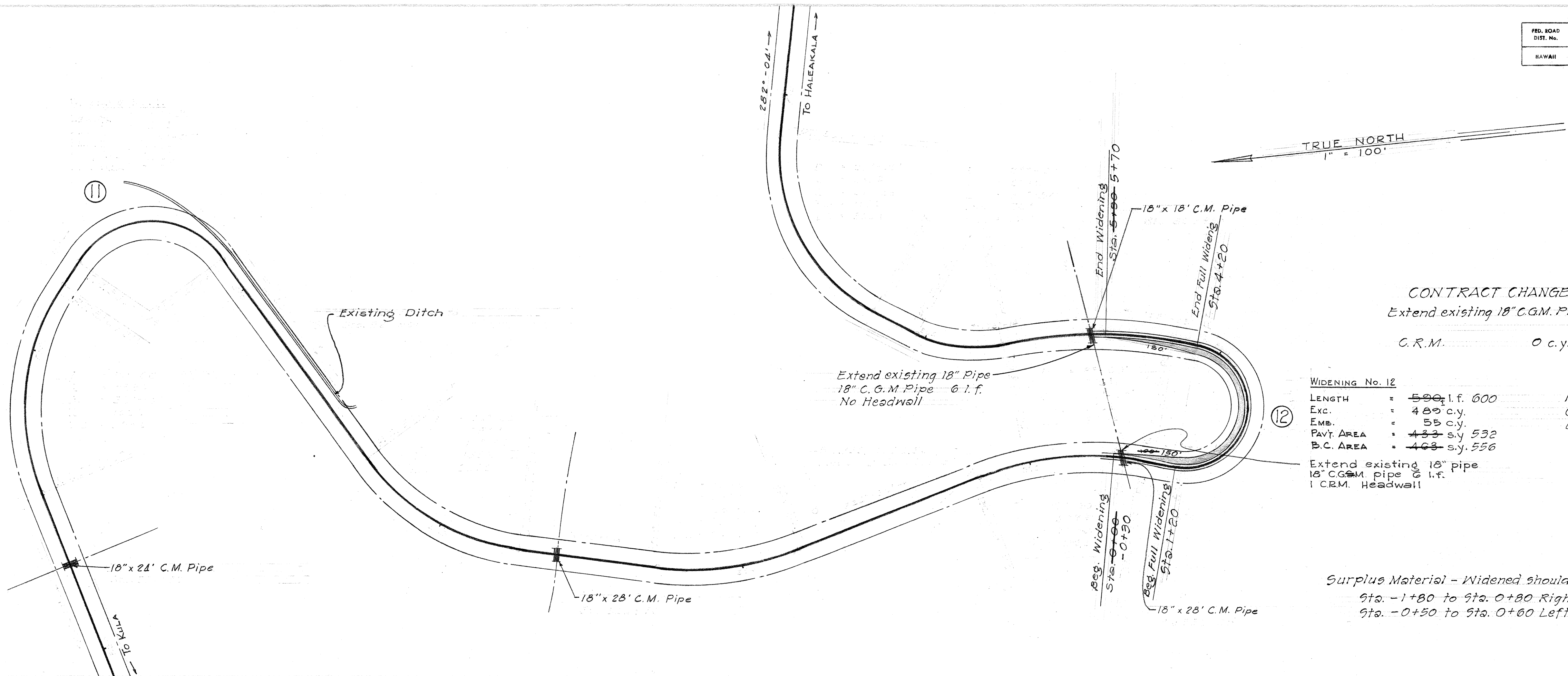
WIDENING No. 10	
LENGTH	= 614 ± l.f. 615
Exc.	= 338 c.y.
EMB.	= 200 c.y.
PAY AREA	= 422 s.y. 538
B.C. AREA	= 462 s.y. 503
Unsuitable	= 57 c.y.

Surplus Material - Widened shoulder and wasted area
 Sta. - 0+90 to Sta. 1+00 Left
 Sta. 4+90 to Sta. 5+75 Left

DATE	BY	CHKD.
DESIGNED	BY	CHKD.
PLANNED	BY	CHKD.
ENGINEER CHECKED	BY	CHKD.
NOTED	BY	CHKD.
NO.		

DATE	BY	CHKD.
DESIGNED	BY	CHKD.
PLANNED	BY	CHKD.
ENGINEER CHECKED	BY	CHKD.
NOTED	BY	CHKD.
NO.		

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAUW.	A-378-01-66	1966	6	35



CONTRACT CHANGE ORDER No. 1 (Increase)
 Extend existing 18" C.G.M. Pipe 6 l.f. (Used 8 l.f. at Widening No. 22)
 C.R.M. 0 c.y.

WIDENING No. 12	
LENGTH	= 500 l.f. 600
Exc.	= 480 c.y.
EMB.	= 55 c.y.
Pavt. AREA	= 433 s.y. 532
B.C. AREA	= 463 s.y. 556
Extend existing 18" pipe 12" C.G.M. pipe 6 l.f. 1 C.R.M. Headwall	
18" C.G.M. Pipe	= 12 l.f.
C.R.M.	= 0.93 c.y.
Unsuitable	= 56 c.y.

Surplus Material - Widened shoulder and wasted area:
 Sta. -1+80 to Sta. 0+80 Right
 Sta. -0+50 to Sta. 0+60 Left

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEET
HAWAII	HAW.	A-378-01-66	1966	7	35

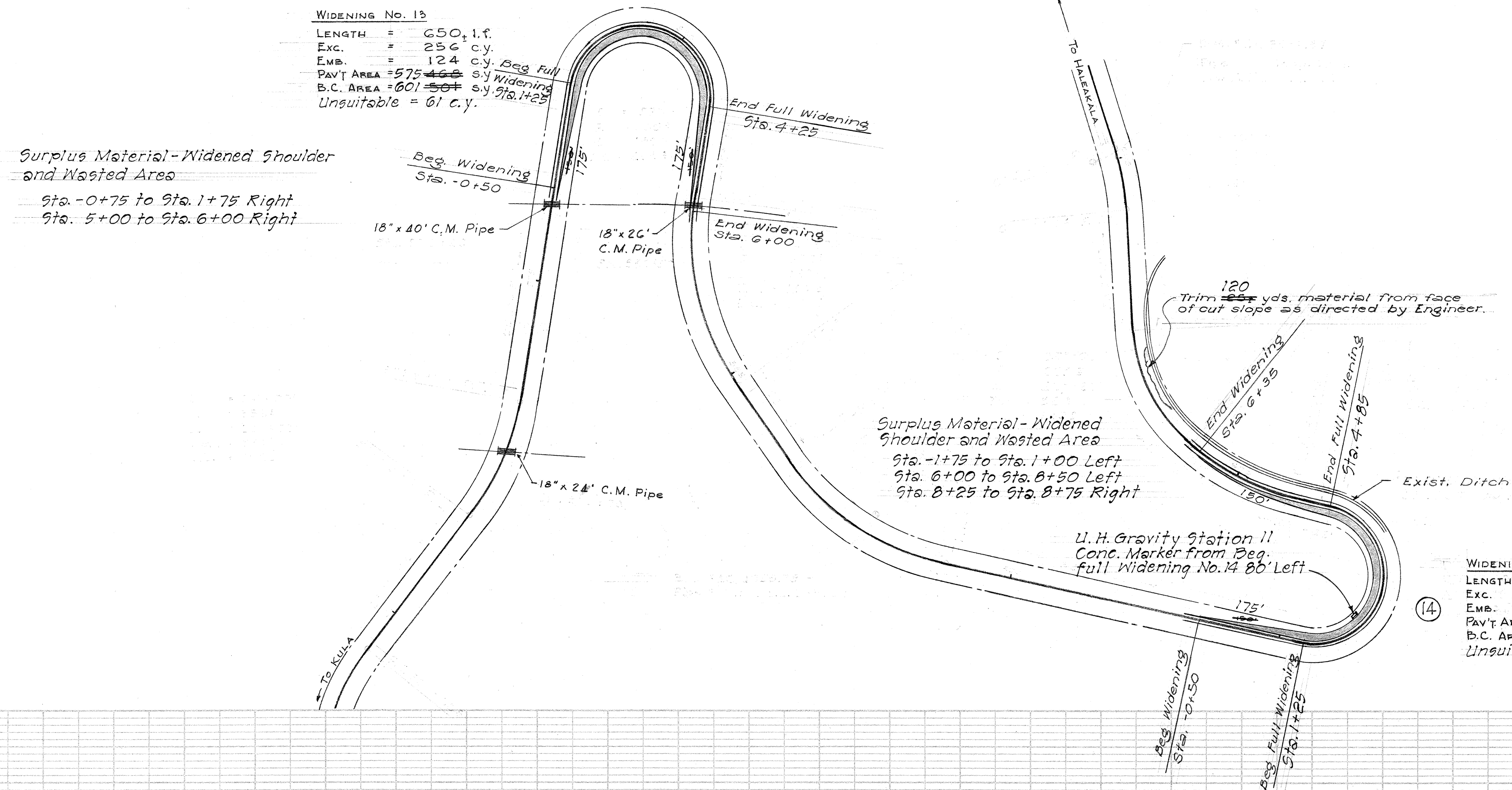
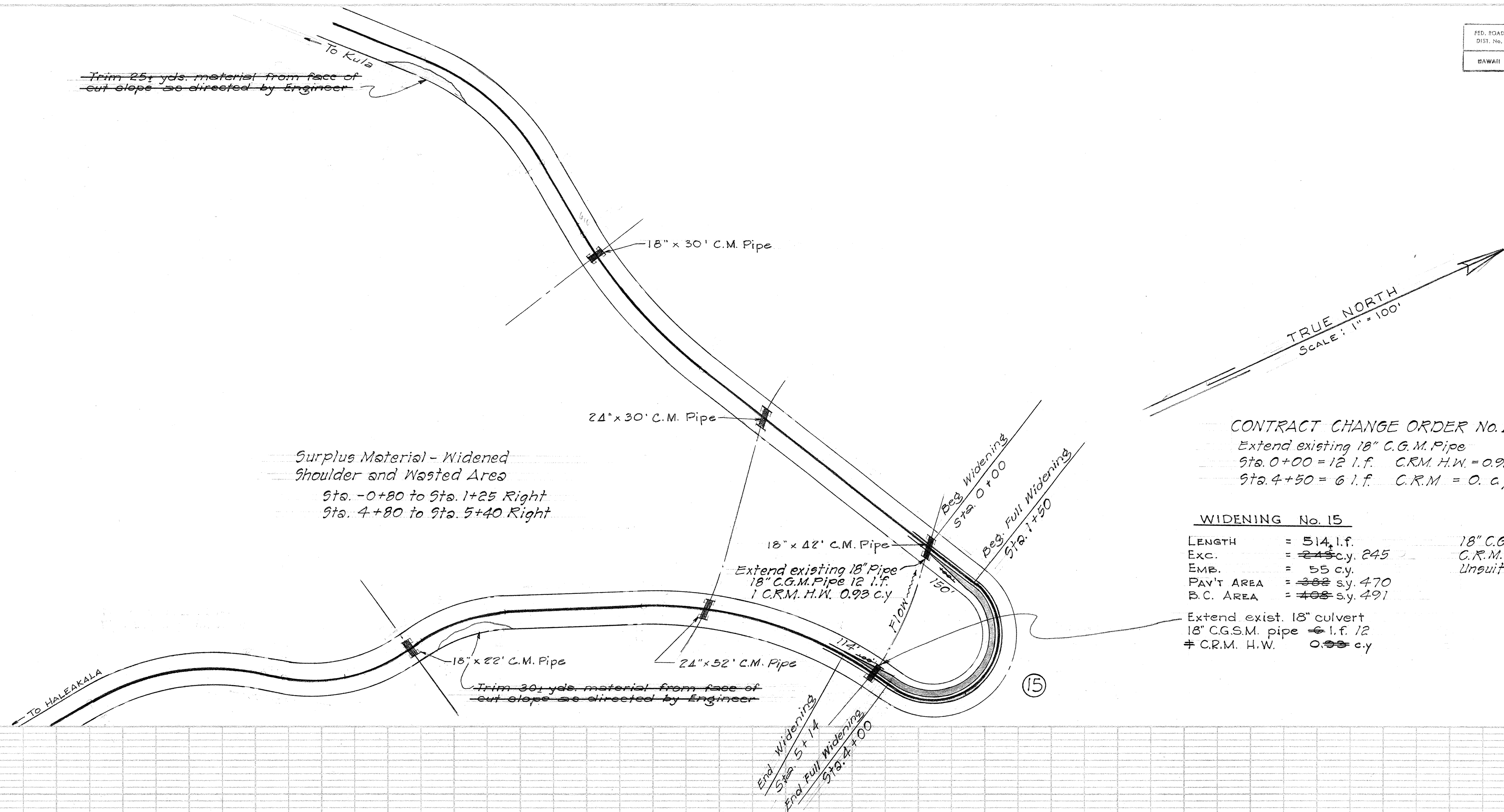


PLATE 1. PLAN - PROFILE - F.A.S.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1000W-1

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	A-978-01-66	1966	8	35

DATE	BY	CHKD.
DESIGNED	PLANNED	NOTED
NOTED	NOTED	NOTED
NO.	NO.	NO.

DATE	BY	CHKD.
DESIGNED	PLANNED	NOTED
NOTED	NOTED	NOTED
NO.	NO.	NO.



CONTRACT CHANGE ORDER No. 1 (Increase)

Extend existing 18" C.G.M. Pipe
Sta. 0+00 = 12 l.f. C.R.M. H.W. = 0.93 c.y.
Sta. 4+50 = 6 l.f. C.R.M. = 0. c.y.

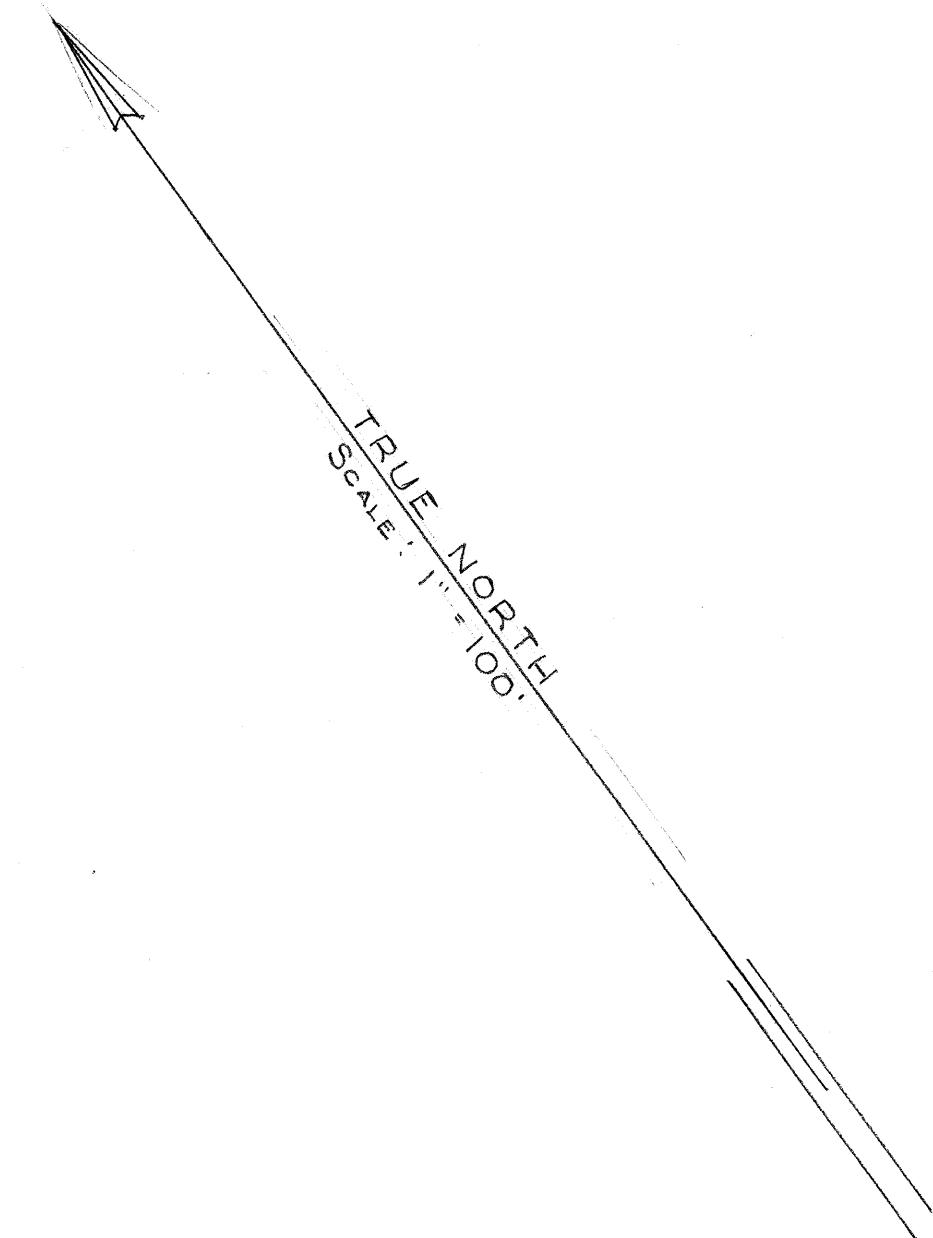
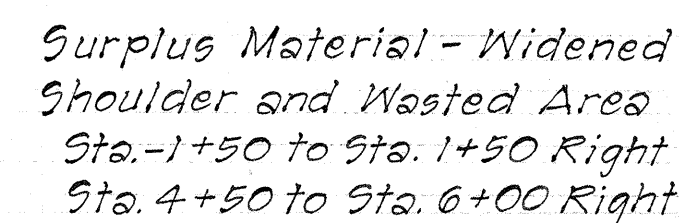
WIDENING No. 15

LENGTH = 514 l.f.
Exc. = ~~245~~ c.y. 245
EMB. = 55 c.y.
PAV'T AREA = ~~300~~ sy. 470
B.C. AREA = ~~400~~ sy. 491

18" C.G.M. Pipe = 24 l.f.
C.R.M. = 0.93 c.y.
Unsuitable = 50 c.y.

Extend exist. 18" culvert
18" C.G.S.M. pipe 1 l.f. 12
+ C.R.M. H.W. 0.00 c.y.





WIDENING No. 18

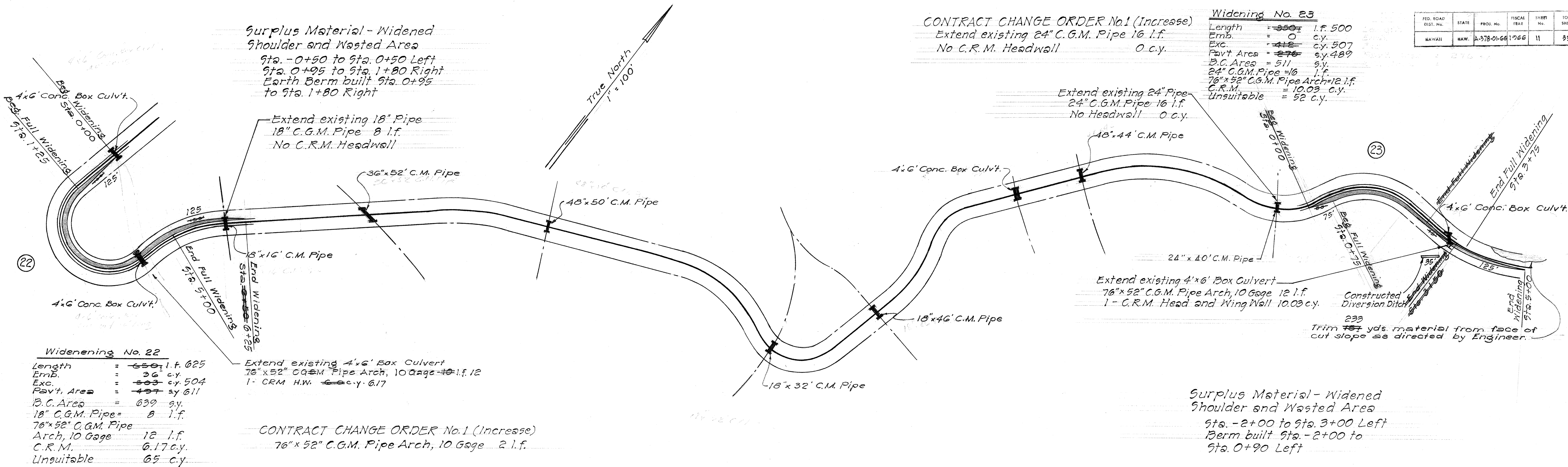
LENGTH	=	675 1. f.	700
Exc.	=	200 ¹	c.y.
EMB.	=	18	c.y.
PAV'T. AREA	=	501	s.y. 614
B.C. Area	=	642	s.y.
Unsuitable	=	65	c.y.

WIDENING No. 16

LENGTH	=	614	l.f.
Exc.	=	223	c.y. 224
EMB.	=	51	c.y.
PAV'T. AREA	=	432	s.y. 531
B.C. Area	=	555	s.y.
Unsuitable	=	56	c.y.

PLAN	DATE	
	BY	
	REVIEWED	
	NOTED	

PROFILE	DATE	
	BY	
	REVIEWED	
	NOTED	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	A-378-01-66	1966	11	35

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	A-378-01-66	1966	13	35

